

ares

ares®

MADE IN ITALY

"When you create with others,
you build a connection that lasts a lifetime"



COMPANY

Established in 1994, Ares is a manufacturing company specialized in architectural outdoor lighting. Our Aim is to offer to our customers products of actual design representative of our time, thanks to a strong commitment and great creativity. The attentive selection of materials and accurate finishing, as well as the research and development of the manufacturing process; make our products durable and reliable; a cutting – edge for the market worldwide. Each creation is a challenge: understanding, analyzing and projecting to reach harmony and fusion of structure, light, architecture and setting.



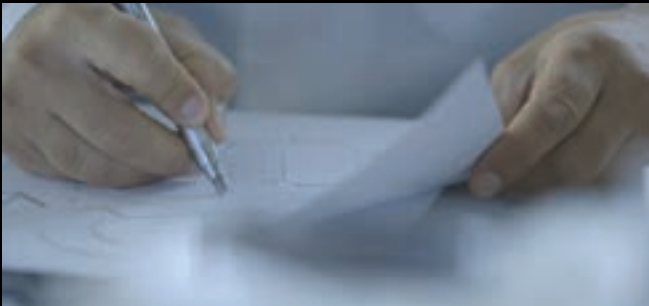
SHOW ROOM

Our Show Room offers a sensorial experience with Ares products. The customer has the possibility to touch the materials, observe the colours, and the luminous effects of our luminaires. ARES feel the light as an emotional element.



LIGHTING DESIGN OFFICE

Light is an essential tool in the Architectural language. Our Lighting Design projects are the results of a careful analysis of the spaces, along with the attention to the customer's need; in order to offer comfort, safety and efficiency.



TECHNICAL OFFICE

When engineering a new luminaire, there are several factors to consider: aesthetic and functional needs of the final fixture; accurate selection of the light sources, the materials and their heat sink capacity, and technologies to be used; achievement of the best lighting emission. The creation of a functional prototype is an important step, that allows the improvements of all the elements and a precise balance of the creative stages progression.



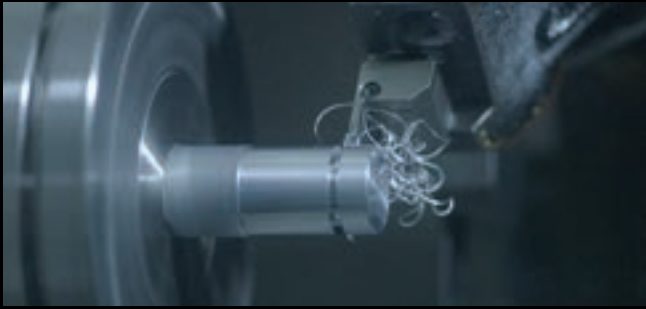
LABORATORY

In our laboratory we test lighting fixtures safety and performances, to refine both technical and quality characteristics of all our products.



ALUMINIUM DIE CASTING

Die casting process is one of the most considerable and important steps during the manufacturing of our products. With passion, we follow each step of productive process, from the mould manufacturing to the die casted item and the quality checks that assure the solidity and the mechanical property. We choose Aluminium as main material and we only use top quality alloy with low-copper content, to guarantee an high resistance to corrosion.



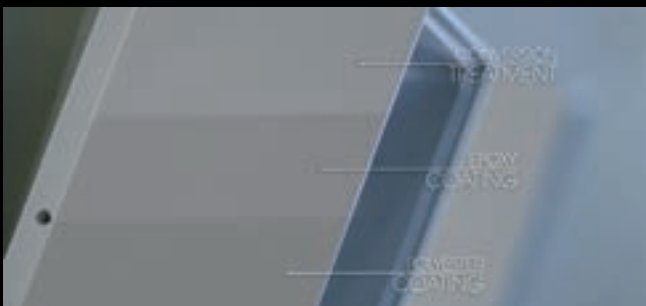
TURNING

Versatility and definition are the basic elements of our production. What identify and characterize our Luminaires, is the High quality and the elaborate manufacturing that requires the application of different material such as, primary aluminium, 316L stainless steel and methacrylate.



RAW MATERIALS STOCK

The raw material is attentively selected, all the incoming goods are tested following the in force directives, and stored in the main warehouse for direct use.



PAINTING PROCESS

ARES has done an important investment in a new and implemented painting facility and coating procedure, that guarantees good resistance even in extreme climatic conditions. A controlled conversion treatment, a first layer of epoxy powder coating and a second layer of polyester powder coating, offer high mechanical solidity and UV resistance, a warranty of high quality and performances for the whole selection of 5 standard colours.

The thickness and the adherence of the film are constantly measured by specific tests. It is our commitment to respect the environment and the directives in force; Coating procedures are followed by daily careful tests.



LED

A direct and deep knowledge of LED light sources, of the engineering and assembly of printed circuits and boards, allows Ares to take care of each productive step: from the design of the circuit, to the realization of the luminaire. "Ares LED" is an internal productive unit, entirely dedicated to the development, production and assembly of high technology LED fixtures. The main characteristics are an high efficiency in lighting emission and reduced power consumption. A warehouse where thousands of LED and components are stored is precisely managed and controlled in order to offer products with the highest colour uniformity and quality possible. The unit consists of different and specialized areas and each of these areas is focused on a single step of the production.



ASSEMBLY

Electrical and Mechanical assembly lines follow procedures and operating instructions to assemble luminaires.

A trained and specialized staff is in charge for the tests of quality of the products that have to be in compliance with regulation in force.

Particular attention is given to the electrical safety checks on the luminaires.



PACKING AND DELIVERY

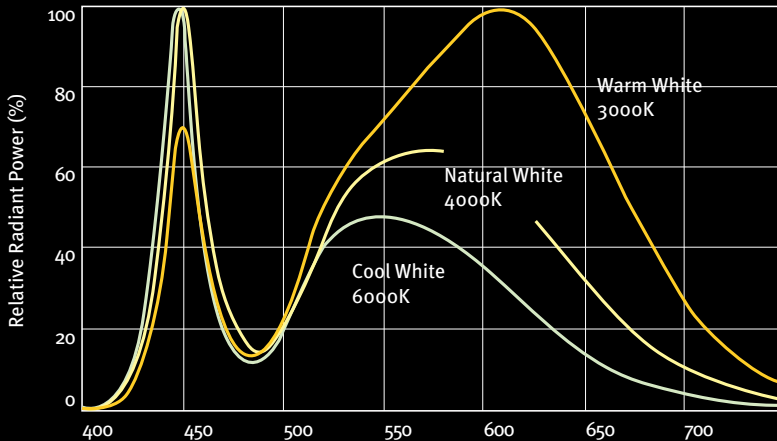
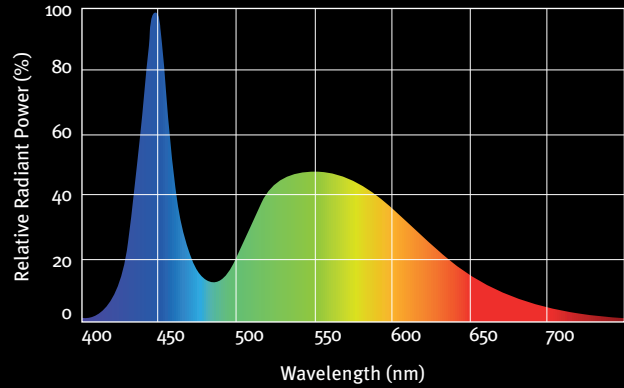
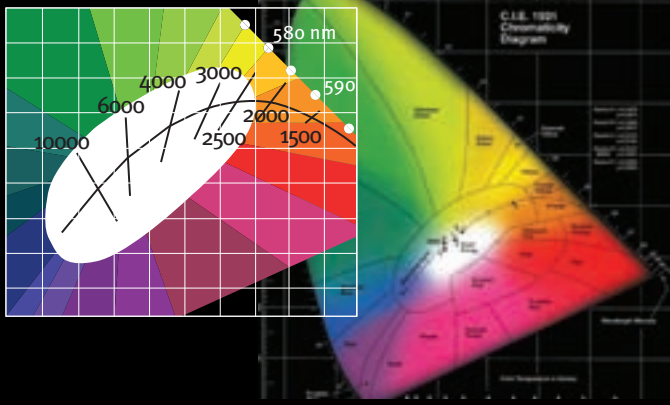
Each single products is carefully prepared and packed with extremely care. A piece of truly Italian style is now ready to be delivered all over the world.

Ares sales distribution reaches all 5 continents, which represents the 75% of the turnover.

LED TECHNOLOGY

In order to get a white LED, nowadays just as 20 years ago, one is made which emits a light blue known as royal blue, and it is given a coating by mixing phosphorus types, that is a mix of components which are excited by the wave length of Royal Blue and can emit white light, the color temperature (CCT) depends on the specifics of the mix. Diode technology underlies LEDs, a diode being an electronic component whose functioning depends on the behavior of two regions next to each other with different chemical characteristics. On the basis of the various twinned regions, a LED will be able to emit a precise wave length, in other words generate a specific color; as white is not a color but a mix of all of them together, it is clear why conversions of some kind cannot be avoided. Given the growth in the availability of different selections of CCT, and the market's desire for quality, a universal and standardized method of cataloging was soon codified as ANSI 78.377-2008.

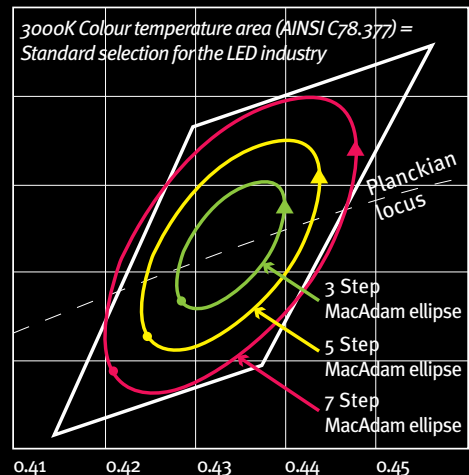
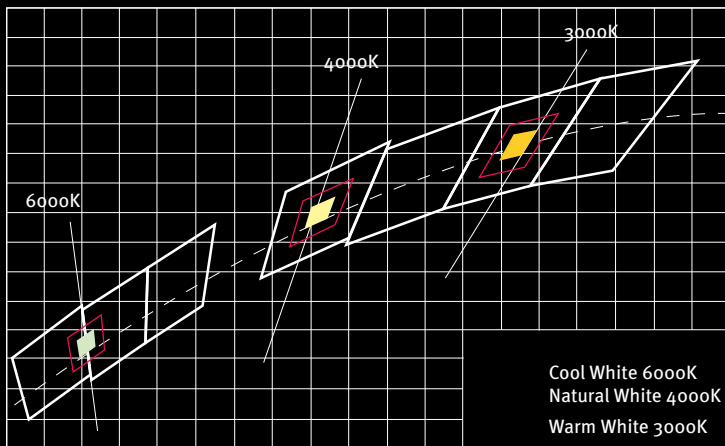
It was necessary to define a space on which the light emitted by a LED could be defined, and within this space a series of regions could be delimited in order to define their different color temperatures. The space of the colors C.I.E. xyz was used, one of the first to be defined mathematically (1931), while to delimit the different color regions, it was natural to extend the Planckian place (in other words, the group of various shades of white which a Black Body assumes if taken to various temperatures), and thus a series of rhombuses was created, each of which was next to another and centered on the black body curve known as the ANSI BIN. By means of the mathematics of conversion of the same color space and the spectral distribution of the light emitted by a LED, it can be inserted into the graph and then described



precisely. While in so-called cold LEDs the blue contribution is greater (obviously on the 460nm characteristics of the LED on which the white has been constructed), as the temperature is reduced if a warm LED is observed it is clear that the phosphorus have a more important role to play in lowering the blue component and generating a new component at the same time, which becomes predominant around 600nm (typical of yellow). For these purposes the percentage of 'Rare Lands' in the phosphorus mix is altered.

As is normal for any Energy transformation when the conversion work is increased the efficiency decreases, and this explains why warm white LEDs are less efficient than cold ones. This is also true for LEDs with a high color rendering index (CRI). The CRI, as its name suggests, is an index and it expresses how a light source, when compared to a reference sample, can reproduce colors. By definition the reference sample should be Plank's Black Body, obviously in the same CCT conditions. In any event, for practical purposes it is possible to use an incandescent lamp which by definition and construction is very similar to the Black Body. There are also different color tables which can be used for the comparison and increasing the number of 'color samples' obviously improves the

definition of the CRI. As well as the standard, nowadays the LED leads the main manufacturers to compare themselves to each other and improve the light efficiency and quality on a daily basis. Two different strategies are becoming important for the selection of the BINs. The simpler, which has been more commonly used for some time, divides the ANSI BINs into narrower and narrower sub-regions in order to obtain portions which are 1/16 the size of the standard. This gives companies assembling LEDs a refined degree of selection for the finished product. The second possibility undertaken by manufacturers was that of reintroducing an old model based on a more favorable geometry, namely MacAdam's Ellipses. The advantage of this proposal is the geometry involved which, with the same surface area as ANSI



automatically excludes the points which are further from the geometric center, that is the tops of the rhombuses which as a result of their construction are the regions with more variation in chromatic homogeneity. Clearly this is not sufficient to guarantee that the selections have a high degree of precision. In fact the quality of this system depends once again on the dimensions of the geometric places themselves and to complete the model different ellipses must be type-tested, all of them centered on precise chromatic coordinates (and so always referable to C.I.E. 1931), more and more reduced in surface area. For these purposes they are defined as MacAdam's Steps. Step3 is currently important in the marketplace since, if directly compared to the ANSI Standard, it is equal to half an ANSI BIN.

SPD: protection against excess voltage for outdoor LED fixtures



The use of light-emitting diodes (LEDs) and electronics in lighting equipment has highlighted the problem of excessive voltage caused by direct or indirect electrical charges. In the cases studied 80% of damage refer to improper/abnormal feeding.

These problems may arise from:

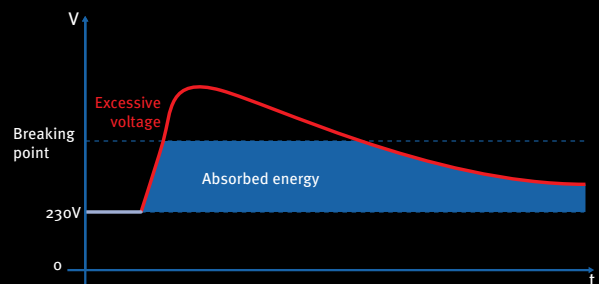
- Disturbances inherent in the electricity mains; insertion or removal of strongly reactive charges, faults in the cables, or a strong harmonic distortion in the mains;
- Excessive charges arising from the environment: direct or indirect atmospheric discharges or unexpected and excessive accumulation of electrostatic charges on the equipment.

ARES offers an SPD (Surge Protector Device) which can be connected near the appliances requiring protection or above the derivation box.

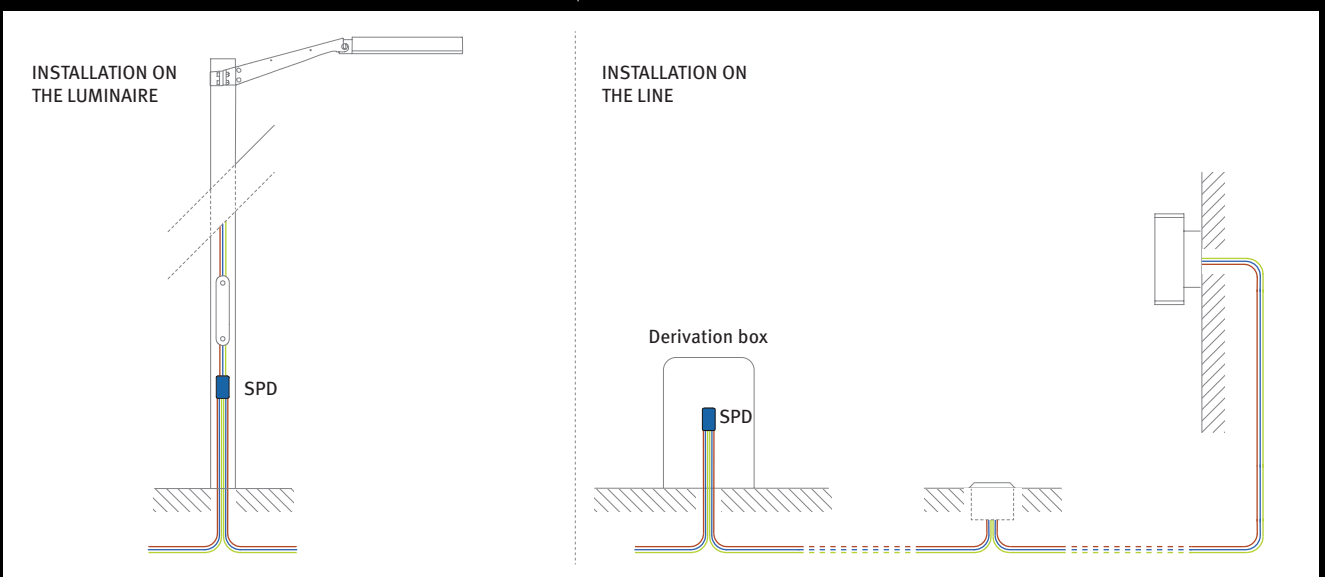


This device functions in common and differential manner at the same time, by absorbing any excessive voltage and discharging it, depending on its nature, towards earth or neutral.

The closer it is installed to the appliances requiring protection, the more effective this type of protection is, and it should be remembered that an earth connection is needed to protect the appliance effectively.



Operating Ac Voltage	275V
Maximun Discharge Current 8/20µs Wavefor (Imax)	10KA
Maximun Operating Current	10A
IP Protection	66



ARES shall not be held liable for the installation of plants not complying with the regulation in force.

H2O STOP: how to stop water ingress - in ground recessed luminaires -



An inaccurate installation of the luminaire with ineffective connection (insulating tape, self-amalgamating tape or sheath inaccurately used) may lead to water passage along the cable and consequently water ingress in the fitting.

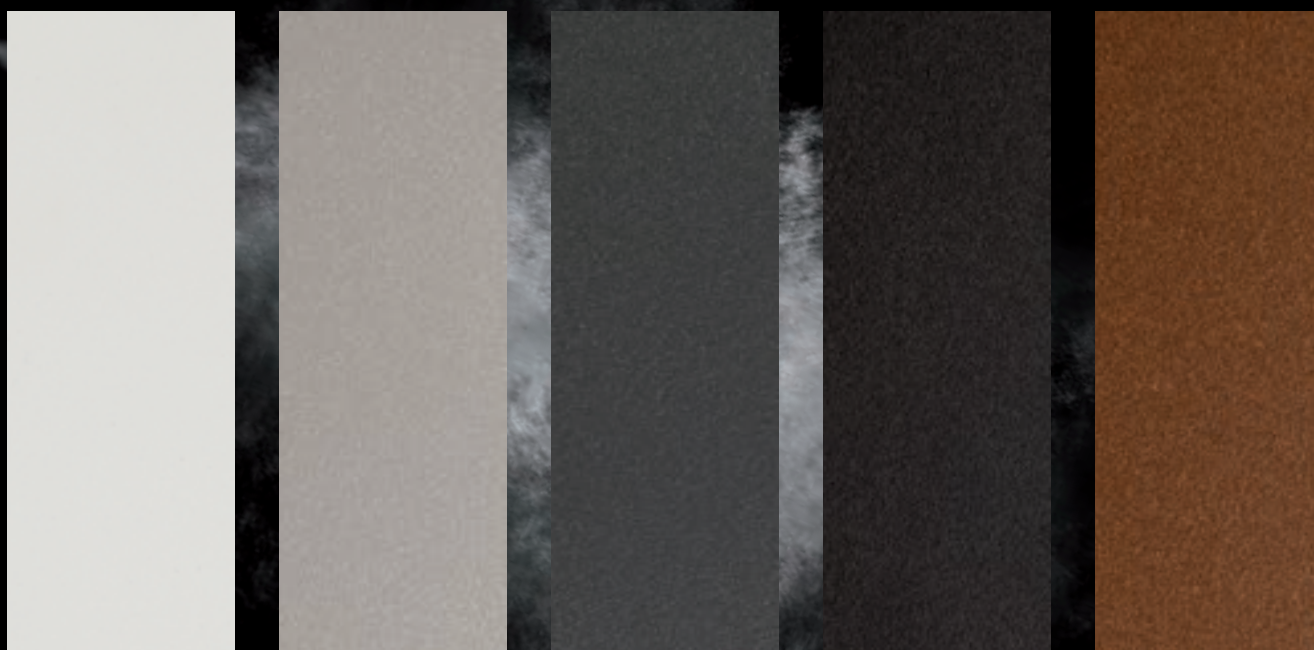


All ground recessed luminaires are equipped with a H2O STOP system or resin coated devices giving effective protection against water passage along connecting cables.

FINISHING COLOURS: double layer coating for high resistance to corrosion.

Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are complaint with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.

Corrosion tests in artificial atmospheres: salt spray test passed at 1500 hrs



.1 White

.2 Aluminium

.3 Anthracite

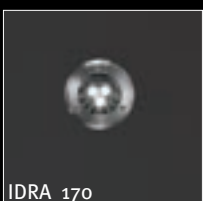
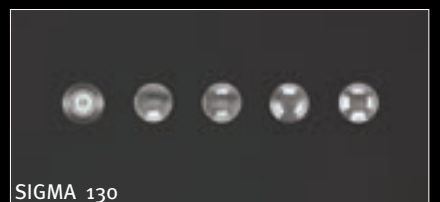
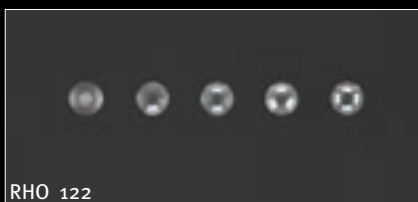
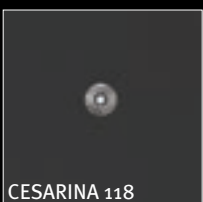
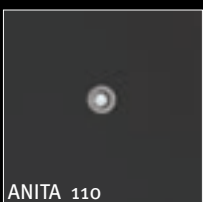
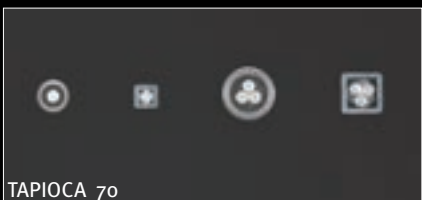
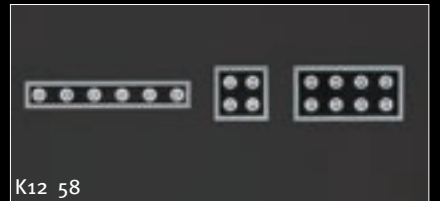
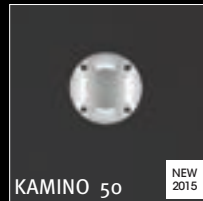
.4 Black

.9 Rust Red

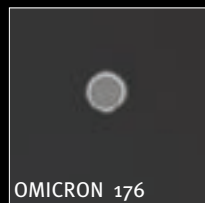
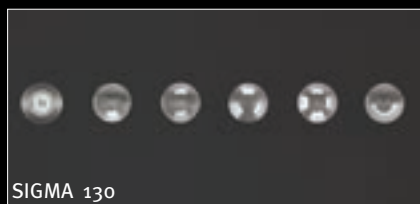
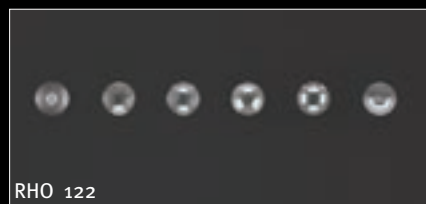
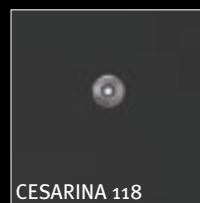
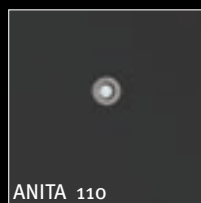
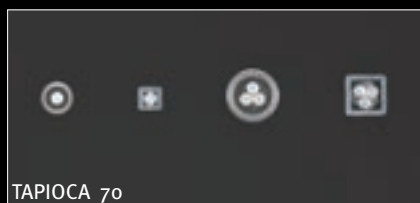
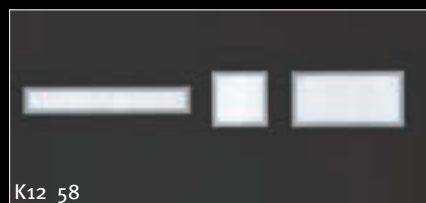
DECORATIVE



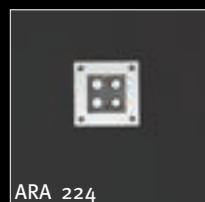
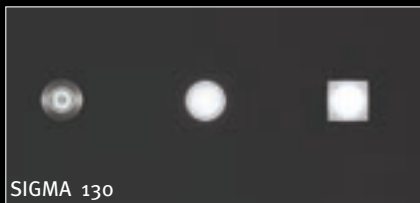
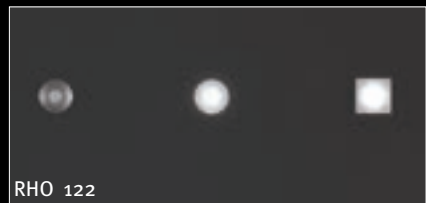
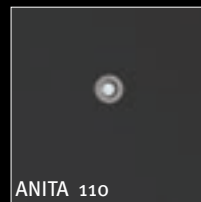
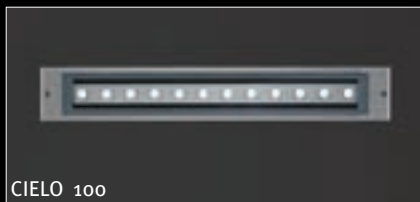
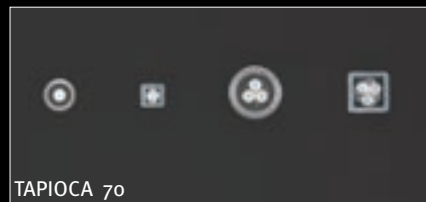
GROUND RECESSED



WALL RECESSED

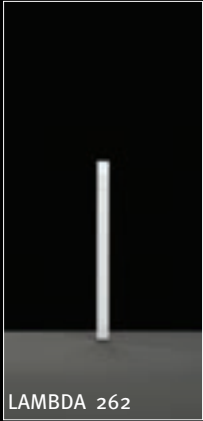
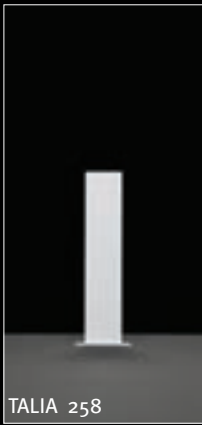
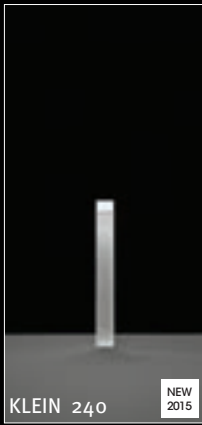


CEILING RECESSED



NEW
2015

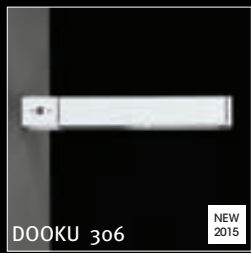
BOLLARD



POLE TOP



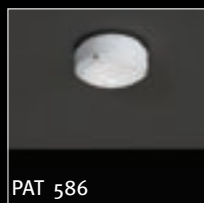
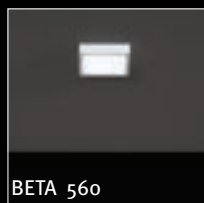
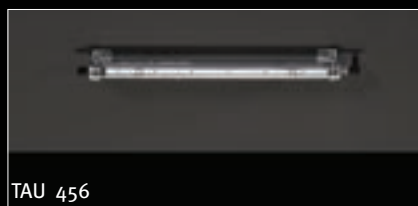
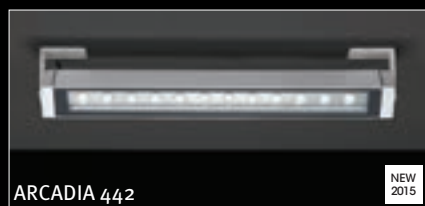
PROJECTOR



UNDERWATER



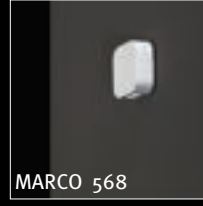
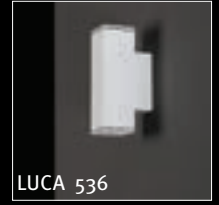
WALL/CEILING



WALL



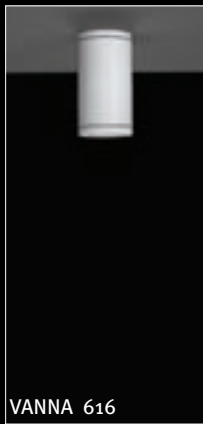
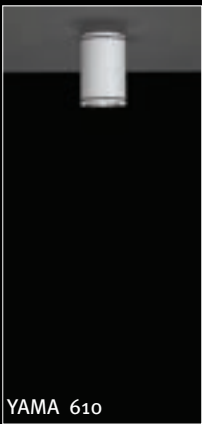
NEW
2015



CEILING



NEW
2015



Anna





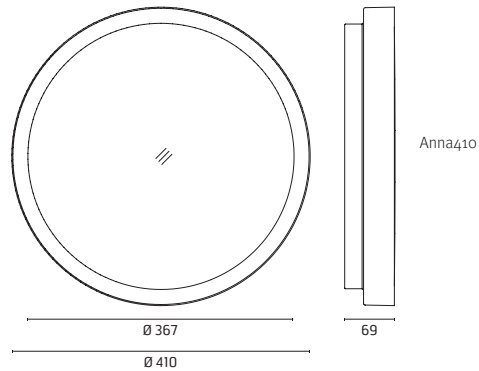
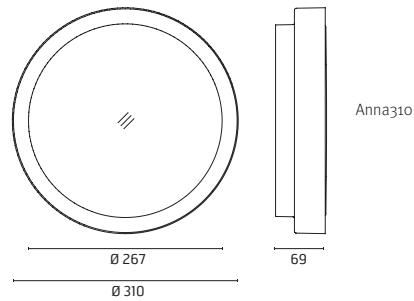
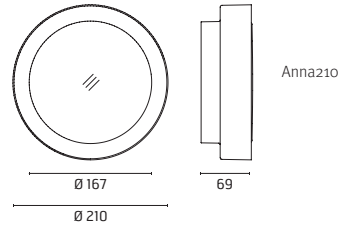
Anna LED

Lightman Design

- Outdoor /indoor luminaire for surface installation on ceiling or wall with LED lighting source.
- Configuration: Satin finish opal engineering plastic diffuser with a very high light emission uniformity ratio. Die-cast aluminum fixing backplates and silicone gasket. Turned aluminum structure and heat sink coated in single or double colour with polyester powders. Magnetic finish frame to hide the fixing screws .
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with two IP65 cable holders for rubber cables 5\times10mm (Anna Ø 210 and Ø310) 6\times13mm (Anna Ø410) and a quick-connect 2-pole terminal block. Outdoor installation requires suitable multicore flexible cables assuring the watertightness of the cable holder.

IP65

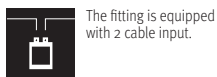
Dimensions



EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced



Accessories: Anna LED

237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

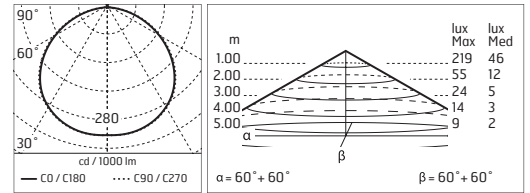
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533001	•	533007	•	533013	•	533019	•	533025	•
533002	•	533008	•	533004	•	533020	•	533026	•
533003	•	533009	•	533015	•	533021	•	533027	•
533004	•	533010	•	533016	•	533022	•	533028	•
533005	•	533011	•	533007	•	533023	•	533029	•
533006	•	533012	•	533018	•	533024	•	533030	•

Anna210 Mid-Power LED



533001 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1166 ≠ FIXT lm 688
 CRI>80
 Electronic power supply included

533002 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1123 ≠ FIXT lm 663
 CRI>80
 Electronic power supply included

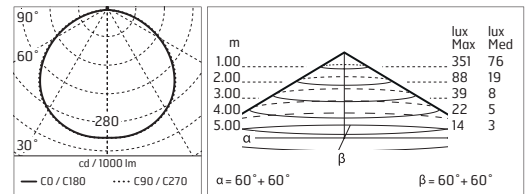


Anna310 Mid-Power LED



533011 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 LED lm 1896 ≠ FIXT lm 1080
 CRI>80
 Electronic power supply included
 ...|||| Dimmable on request

533012 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 LED lm 1825 ≠ FIXT lm 1040
 CRI>80
 Electronic power supply included
 ...|||| Dimmable on request

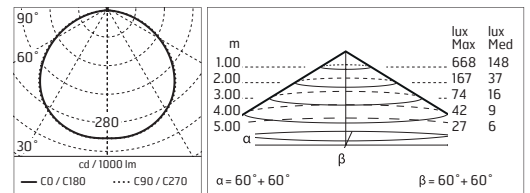


Anna410 Mid-Power LED



533021 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3801 ≠ FIXT lm 2008
 CRI>80
 Electronic power supply included
 ...|||| Dimmable on request

533022 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3661 ≠ FIXT lm 1934
 CRI>80
 Electronic power supply included
 ...|||| Dimmable on request



Anna Bicolour Structure

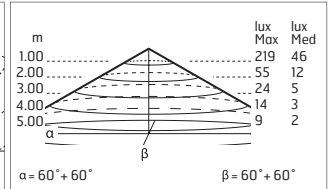
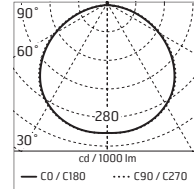


Anna210 Mid-Power LED / Bicolour Structure White-Yellow



533003 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1166 ≠ FIXT lm 688
 CRI>80
 Electronic power supply included

533007 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1123 ≠ FIXT lm 663
 CRI>80
 Electronic power supply included

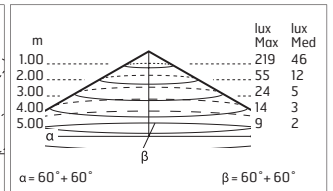
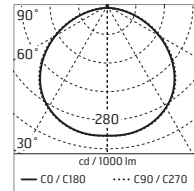


Anna210 Mid-Power LED / Bicolour Structure White-Orange



533004 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1166 ≠ FIXT lm 688
 CRI>80
 Electronic power supply included

533008 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1123 ≠ FIXT lm 663
 CRI>80
 Electronic power supply included

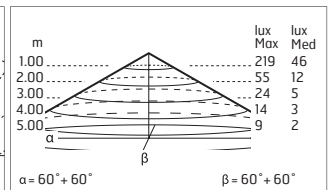
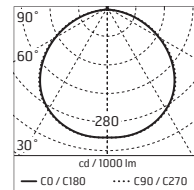


Anna210 Mid-Power LED / Bicolour Structure White-Brown



533005 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1166 ≠ FIXT lm 688
 CRI>80
 Electronic power supply included

533009 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1123 ≠ FIXT lm 663
 CRI>80
 Electronic power supply included

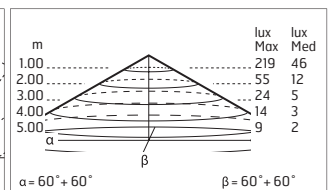
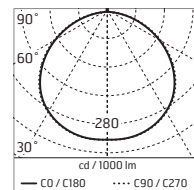


Anna210 Mid-Power LED / Bicolour Structure White-Green



533006 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1166 ≠ FIXT lm 688
 CRI>80
 Electronic power supply included

533010 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1123 ≠ FIXT lm 663
 CRI>80
 Electronic power supply included



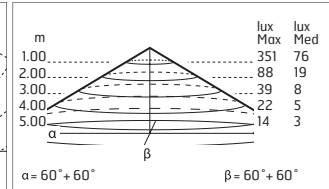
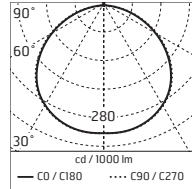
Anna310 Mid-Power LED / Bicolour Structure White-Yellow



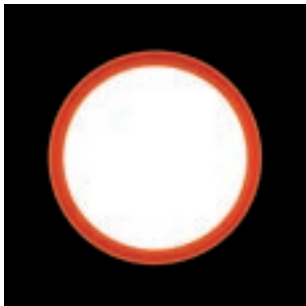
533013 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1896 ≠ FIXT lm 1080
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



533017 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1825 ≠ FIXT lm 1040
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



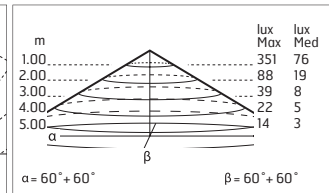
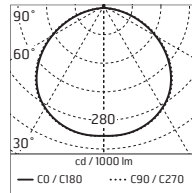
Anna310 Mid-Power LED / Bicolour Structure White-Orange



533014 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1896 ≠ FIXT lm 1080
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



533018 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1825 ≠ FIXT lm 1040
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



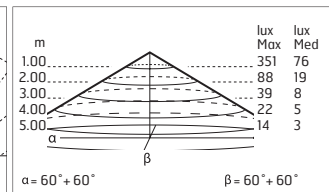
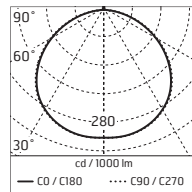
Anna310 Mid-Power LED / Bicolour Structure White-Brown



533015 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1896 ≠ FIXT lm 1080
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



533019 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1825 ≠ FIXT lm 1040
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



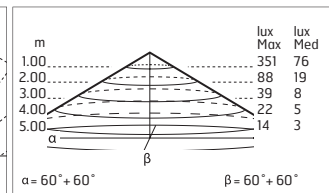
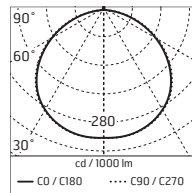
Anna310 Mid-Power LED / Bicolour Structure White-Green



533016 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1896 ≠ FIXT lm 1080
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



533020 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1825 ≠ FIXT lm 1040
 CRI>80
 Electronic power supply included
 ...III Dimmable on request



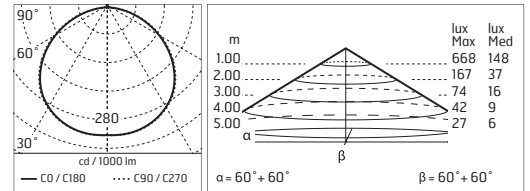
Anna410 Mid-Power LED / Bicolour Structure White-Yellow



533023 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3801 ≠ FIXT lm 2008
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



533027 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3661 ≠ FIXT lm 1934
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



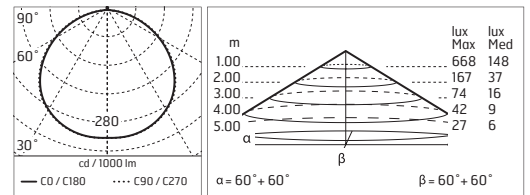
Anna410 Mid-Power LED / Bicolor Structure White-Orange



533024 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3801 ≠ FIXT lm 2008
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



533028 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3661 ≠ FIXT lm 1934
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



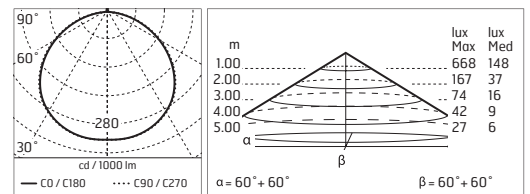
Anna410 Mid-Power LED / Bicolour Structure White-Brown



533025 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3801 ≠ FIXT lm 2008
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



533029 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3661 ≠ FIXT lm 1934
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



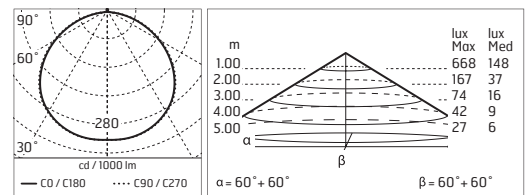
Anna410 Mid-Power LED / Bicolour Structure White-Green



533026 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3801 ≠ FIXT lm 2008
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



533030 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 30W/110÷240V
 Total power 34W
 LED lm 3661 ≠ FIXT lm 1934
 CRI>80
 Electronic power supply included
 ..||| Dimmable on request



LaDina





LaDina

Design by Gigetto

Registered Community Design Nr.001822461-0001/0002

IP65

LaDina

- Decorative portable lamp for outdoor/indoor use.
- Configuration: polyethylene structure with satin white emitting unit and colour closing screw-on cup with anti-loosening system.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: The luminaire is supplied with 5 meter black neoprene cable and CEE/17 plug (schuko compatible). A Velcro strap to be wrapped around the upper handle allows a quick fixing as suspended lamp or to coil the cable up.

EU Regulation 874/2012 - Illumination equipment energy classes

A

FLUORESCENT VERSION:

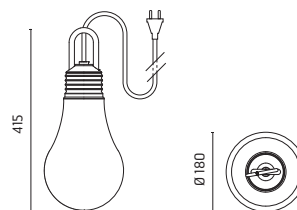
Class A
TC-TSE/E27



Suspended Lamp



The fitting is equipped with 1 cable input with plug. Cable length: 5 m



LamegaDina

- Decorative portable lamp for outdoor/indoor use.
- Configuration: polyethylene structure with satin white emitting unit and colour closing screw-on cup with anti-loosening system
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: The luminaire is supplied with 5 meter black neoprene cable and CEE/17 plug (schuko compatible).

EU Regulation 874/2012 - Illumination equipment energy classes

A

FLUORESCENT VERSION:

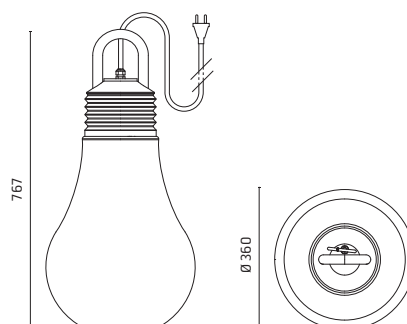
Class A
TC-TSE/E27



Floor Lamp



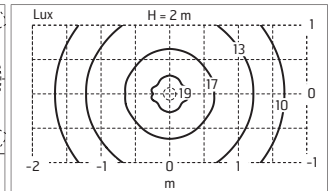
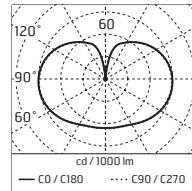
The fitting is equipped with 1 cable input with plug. Cable length: 5 m



LaDina / Snow



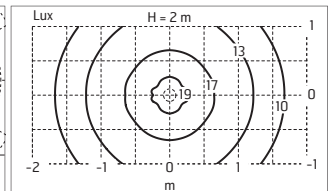
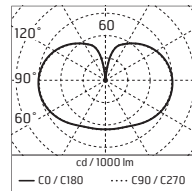
500001 A
TC-TSE 20Wmax/230V E27
(Ø max bulb 53mm)



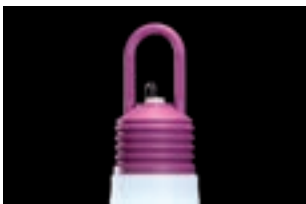
LaDina / Sand



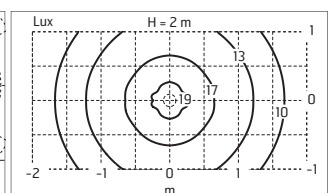
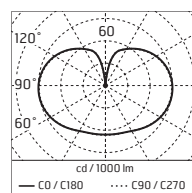
500002 A
TC-TSE 20Wmax/230V E27
(Ø max bulb 53mm)



LaDina / Fuchsia



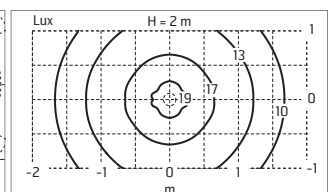
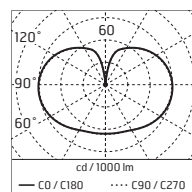
500003 A
TC-TSE 20Wmax/230V E27
(Ø max bulb 53mm)



LaDina / Land



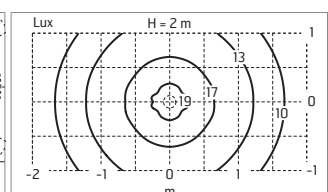
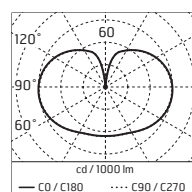
500004 A
TC-TSE 20Wmax/230V E27
(Ø max bulb 53mm)



LaDina / Night



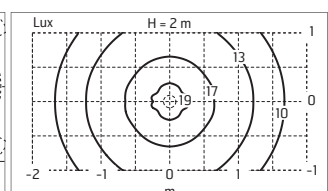
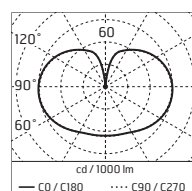
500005 A
TC-TSE 20Wmax/230V E27
(Ø max bulb 53mm)



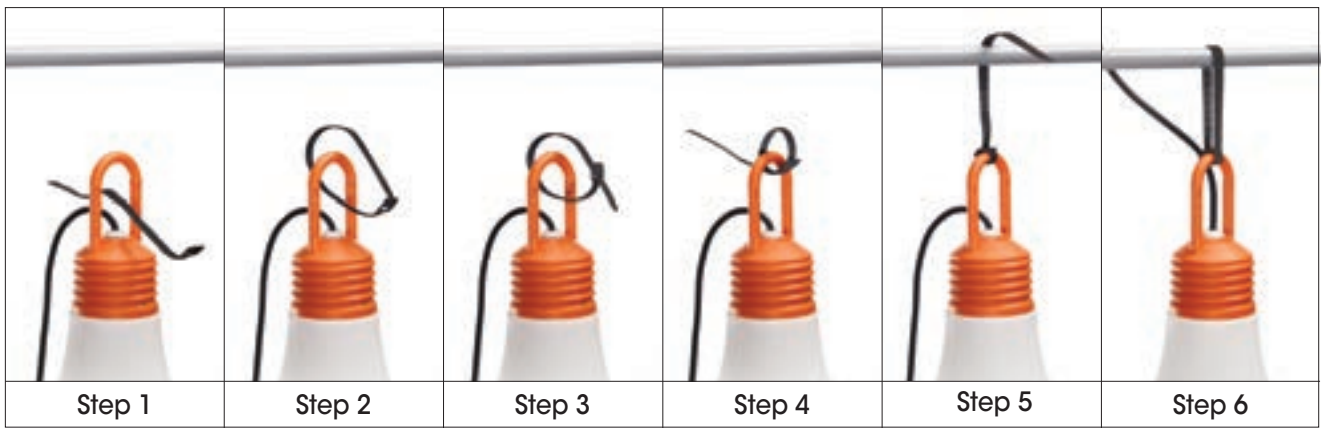
LaDina / Carrot



500006 A
TC-TSE 20Wmax/230V E27
(Ø max bulb 53mm)



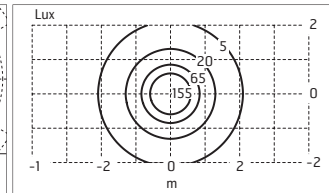
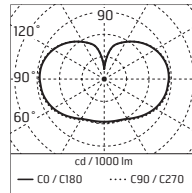
Hanging instructions for LaDina



LamegaDina / Snow



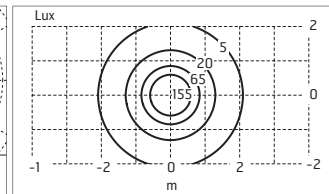
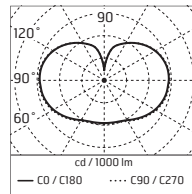
500007 A
TC-TSE 30Wmax/230V E27



LamegaDina / Sand



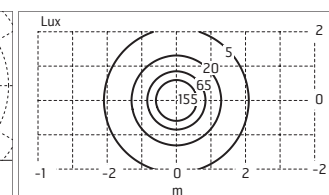
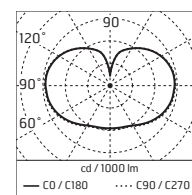
500008 A
TC-TSE 30Wmax/230V E27



LamegaDina / Fuchsia



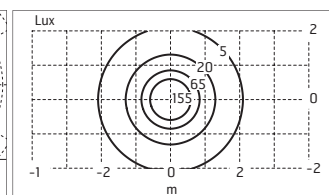
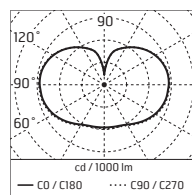
500009 A
TC-TSE 30Wmax/230V E27



LamegaDina / Land



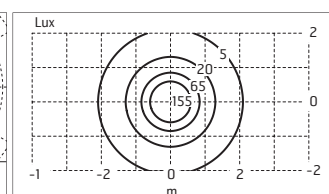
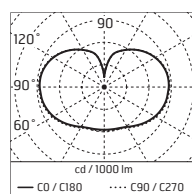
500010 A
TC-TSE 30Wmax/230V E27



LamegaDina / Night



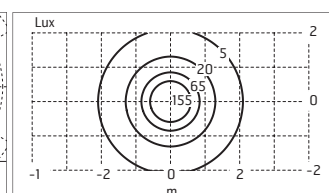
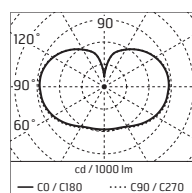
500011 A
TC-TSE 30Wmax/230V E27



LamegaDina / Carrot



500012 A
TC-TSE 30Wmax/230V E27





LamegaDina Cordless LED

Design by Gigetto

Registered Community Design Nr.001822461-0001/0002

- Decorative portable lamp for outdoor/indoor use.
- Configuration: polyethylene structure with satin white emitting unit and colour closing screw-on cup with anti-loosening system
- The luminaire is equipped with an on/off switch placed on the upper cap and a charging plug (plug-in power supply delivered with the lamp). The luminaire can be switched on while charging.
- Protection rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: III
- LamegaDina Cordless LED is supplied with a plug-in battery charger (1 meter cable) and a battery pack with approx. life up to 4 hours when fully charged. Charging time of 8 hours.

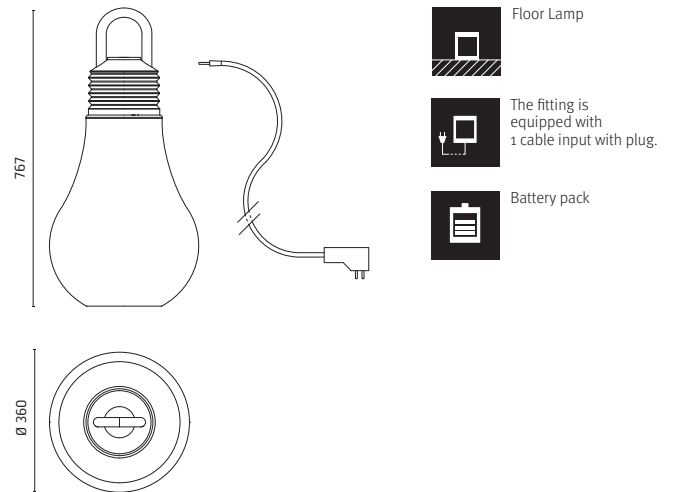
EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced

IP54 CE

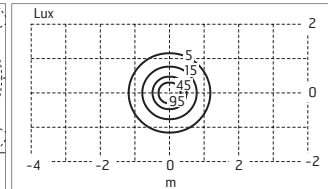
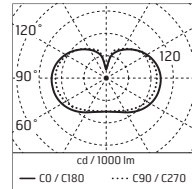
Dimensions



LamegaDina Cordless Low Power LED / Snow



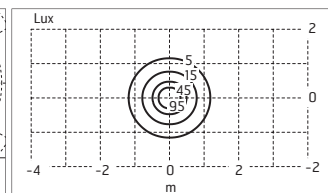
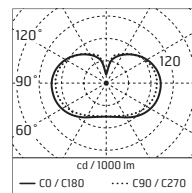
500019
NATURAL WHITE 4000K
LOW POWER LEDs
5W
Battery pack: 7,2V 4Ah
LED lm 400 ≠ FIXT lm 321
CRI>80
Battery charger included



LamegaDina Cordless Low Power LED / Sand



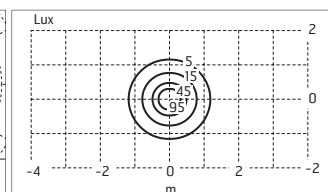
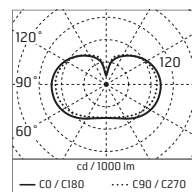
500020
NATURAL WHITE 4000K
LOW POWER LEDs
5W
Battery pack: 7,2V 4Ah
LED lm 400 ≠ FIXT lm 321
CRI>80
Battery charger included



LamegaDina Cordless Low Power LED / Fuchsia



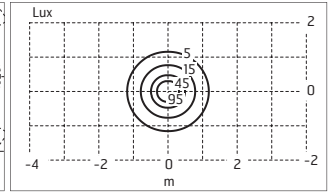
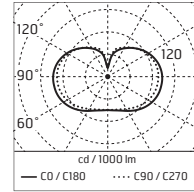
500021
NATURAL WHITE 4000K
LOW POWER LEDs
5W
Battery pack: 7,2V 4Ah
LED lm 400 ≠ FIXT lm 321
CRI>80
Battery charger included



LamegaDina Cordless Low Power LED / Land



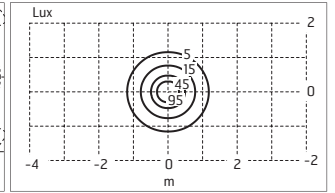
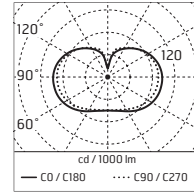
500022 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 5W
 Battery pack: 7,2V 4Ah
 LED lm 400 ≠ FIXT lm 321
 CRI>80
 Battery charger included



LamegaDina Cordless Low Power LED / Night



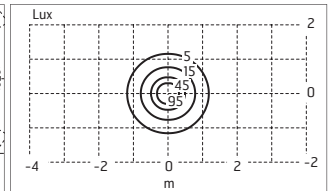
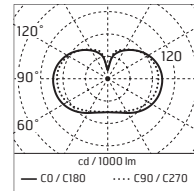
500023 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 5W
 Battery pack: 7,2V 4Ah
 LED lm 400 ≠ FIXT lm 321
 CRI>80
 Battery charger included



LamegaDina Cordless Low Power LED / Carrot



500024 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 5W
 Battery pack: 7,2V 4Ah
 LED lm 400 ≠ FIXT lm 321
 CRI>80
 Battery charger included



Greta





Greta

Design by Ares Concept

Registered Community Design Nr. 001145924

- Outdoor/indoor floor lamp. Outdoor/indoor pendant fitting
- Floor lamp configuration: vibrated concrete footing and balance-weight, polished 316L stainless steel stem, white sandblasted polyethylene emitting unit with turned and painted aluminium cover and plastic handle for an easy adjustment of the emitting unit.
- Pendant lamp configuration: white sandblasted polyethylene emitting unit with turned and painted aluminium cover, turned aluminium painted canopy. Adjustable suspension wire (standard 3m)
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation : the floor lamp is equipped with 15m of black three-pole cable. The suspended lamp is equipped with 3m wiring cable.

EU Regulation 874/2012 - Illumination equipment energy classes



FLUORESCENT VERSION:
Class A
TC-TSE/E27



Floor Lamp



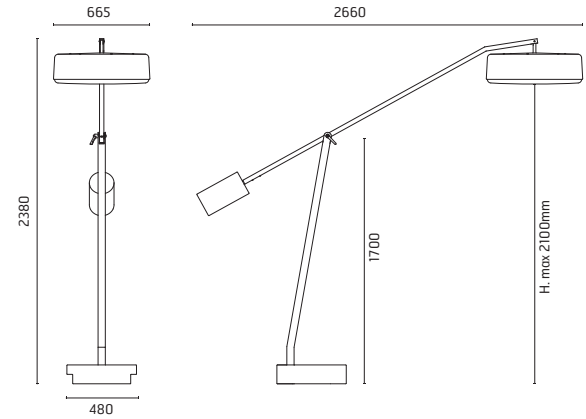
Suspended fitting



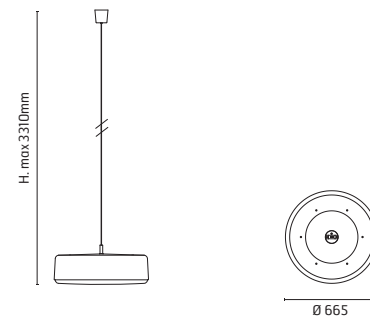
The luminaire is equipped with cable and plug. Cable length: 15 m (Floor lamp version only)

IP65

Dimensions



Greta / Floor Lamp



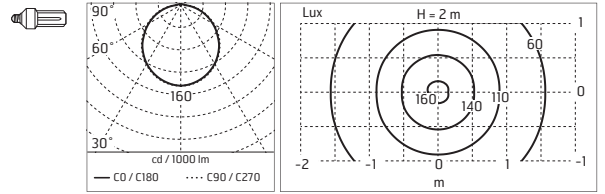
Greta / Pendant Lamp



Greta / Floor Lamp - Snow



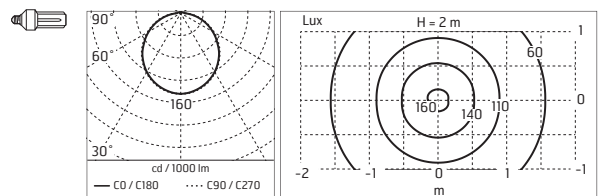
11073101 A
TC-TSE 3x23Wmax/230V E27



Greta / Floor Lamp - Night



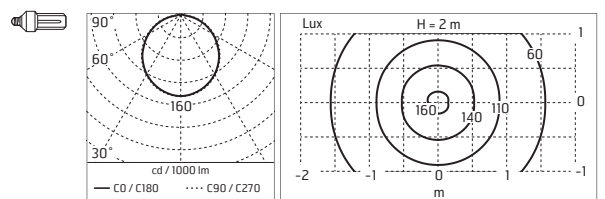
11073104 A
TC-TSE 3x23Wmax/230V E27



Greta / Floor Lamp - Land



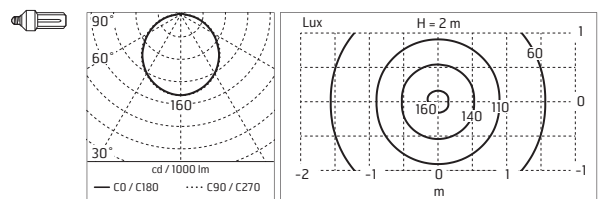
11073107 A
TC-TSE 3x23Wmax/230V E27



Greta / Floor Lamp - Fire



11073103 A
TC-TSE 3x23Wmax/230V E27

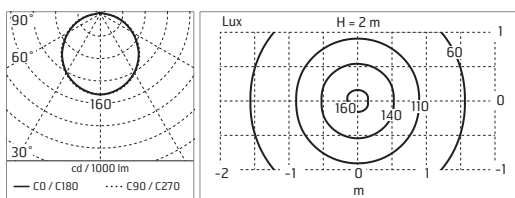


Greta / Orange Limited Edition



Unique piece numbering mentioned on a plate fixed to the stem of the luminaire. The numbering certifies the originality of the luminaire as unique piece from Ares srl collection.

11073108 A
TC-TSE 3x23Wmax/230V E27



Greta Pendant

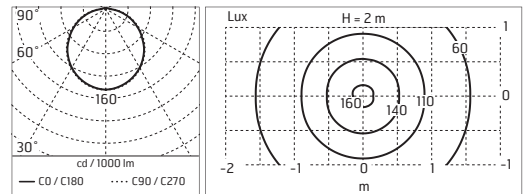




Greta / Pendant Lamp - Snow



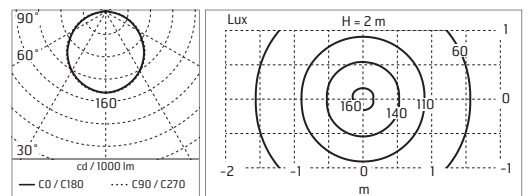
11073139 A
TC-TSE 3x23Wmax/230V E27



Greta / Pendant Lamp - Night



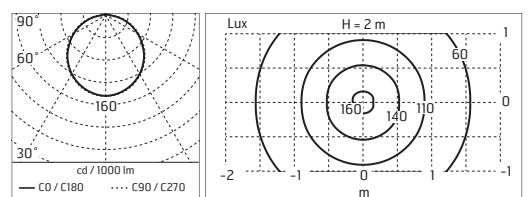
11073140 A
TC-TSE 3x23Wmax/230V E27



Greta / Pendant Lamp - Land



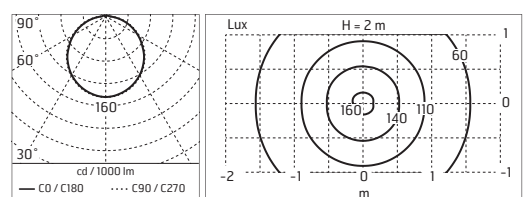
11073141 A
TC-TSE 3x23Wmax/230V E27



Greta / Pendant Lamp - Fire



11073142 A
TC-TSE 3x23Wmax/230V E27



Ginevra



Ginevra

Design by Ares Concept

Registered Community Design Nr.001145924

IP65   

- Outdoor/indoor floor lamp.
- Configuration: vibrated and sandblasted concrete footing, extruded aluminium pole and white sandblasted polyethylene diffuser for a perfect light emission.
- Double layer coating for high resistance to corrosion: The aluminium parts are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with 15m of black three-pole cable.

EU Regulation 874/2012 - Illumination equipment energy classes

A⁺ METAL HALIDE VERSION:
Class A+
HIT-CE/G12

A FLUORESCENT VERSION:
Class A
TC-TSE/E27

D HALOGEN VERSION:
Class D
Q132/E27



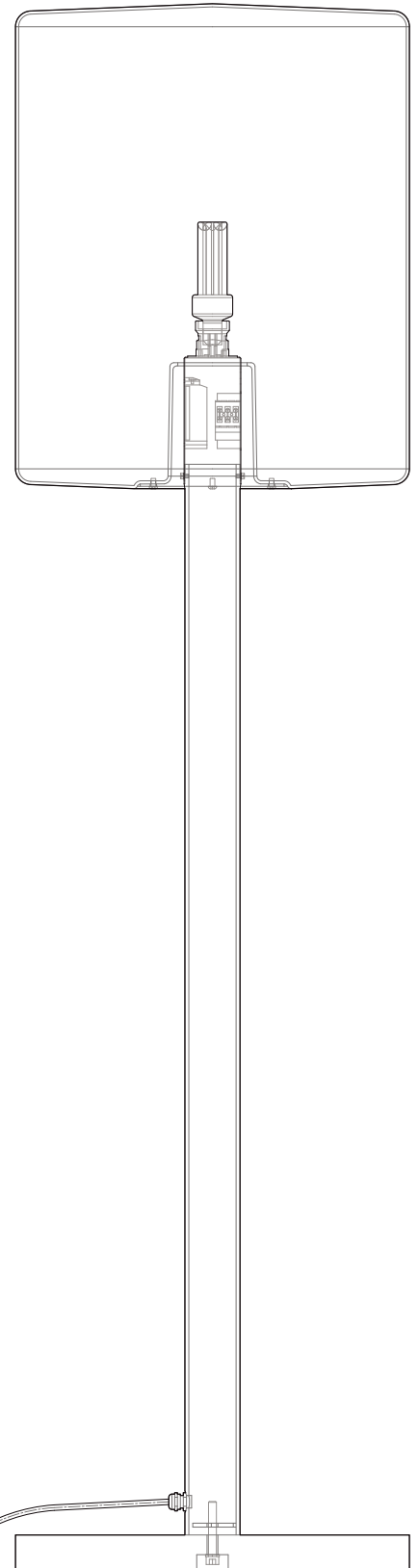
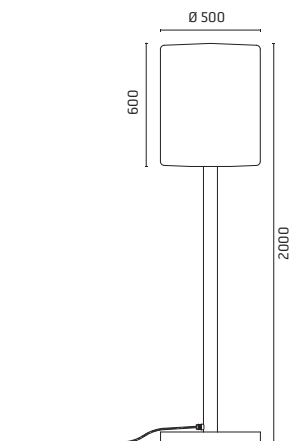
1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Floor Lamp



The luminaire is equipped with cable and plug.
Cable length: 15 m

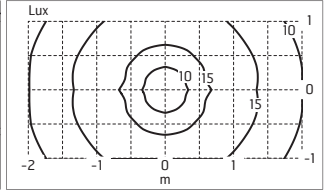
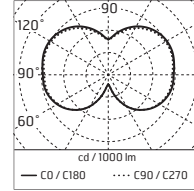




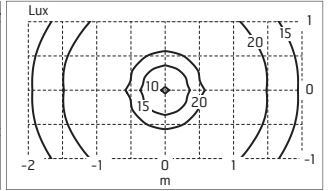
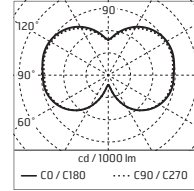
Ginevra



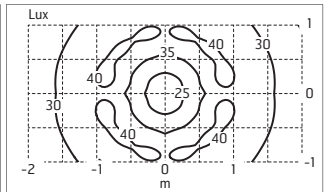
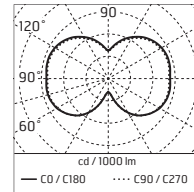
1110100 **D**
QT32 100Wmax/230V E27



TC-TSE 33Wmax/230V E27 **A**



1113500 **A+**
HIT-CE 35W/220-240V G12
Electronic ballast



Naboo

NEW
2015



Naboo LED

Design by Ares Concept

IP67   CE

- Ground recessed round LED luminaire for installation outdoor (walk over and drive over). Three sizes available.
- Configuration: die-cast aluminium structure and heat sink. EN AB 47100 alloy (low copper content). AISI 316L stainless steel outer frame.
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards; a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Fully adjustable optic available in different configurations (Power LED, CoB LED)
- Tempered transparent glass with silkscreen border.
- Protection Rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II
- Installation: Naboo is equipped with a watertight M12 connector providing optimal insulation against water ingress and quick connection to the wiring unit (supplied with the luminaire as a remote IP67 Kit with electronic power supply). Installation requires a dedicated box (to be ordered separately). It is important to provide a proper gravel layer or drain system (>300mm) to ensure good drainage and avoid water stagnation. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced



o. Inox



Recessed ground fitting



Installation requires a 30cm water drainage layer (gravel)



Do not install in hollow areas



Pre-wired with approx 250mm of cable



Protection against water ingress from the cable



Static load: 2000Kg walk over



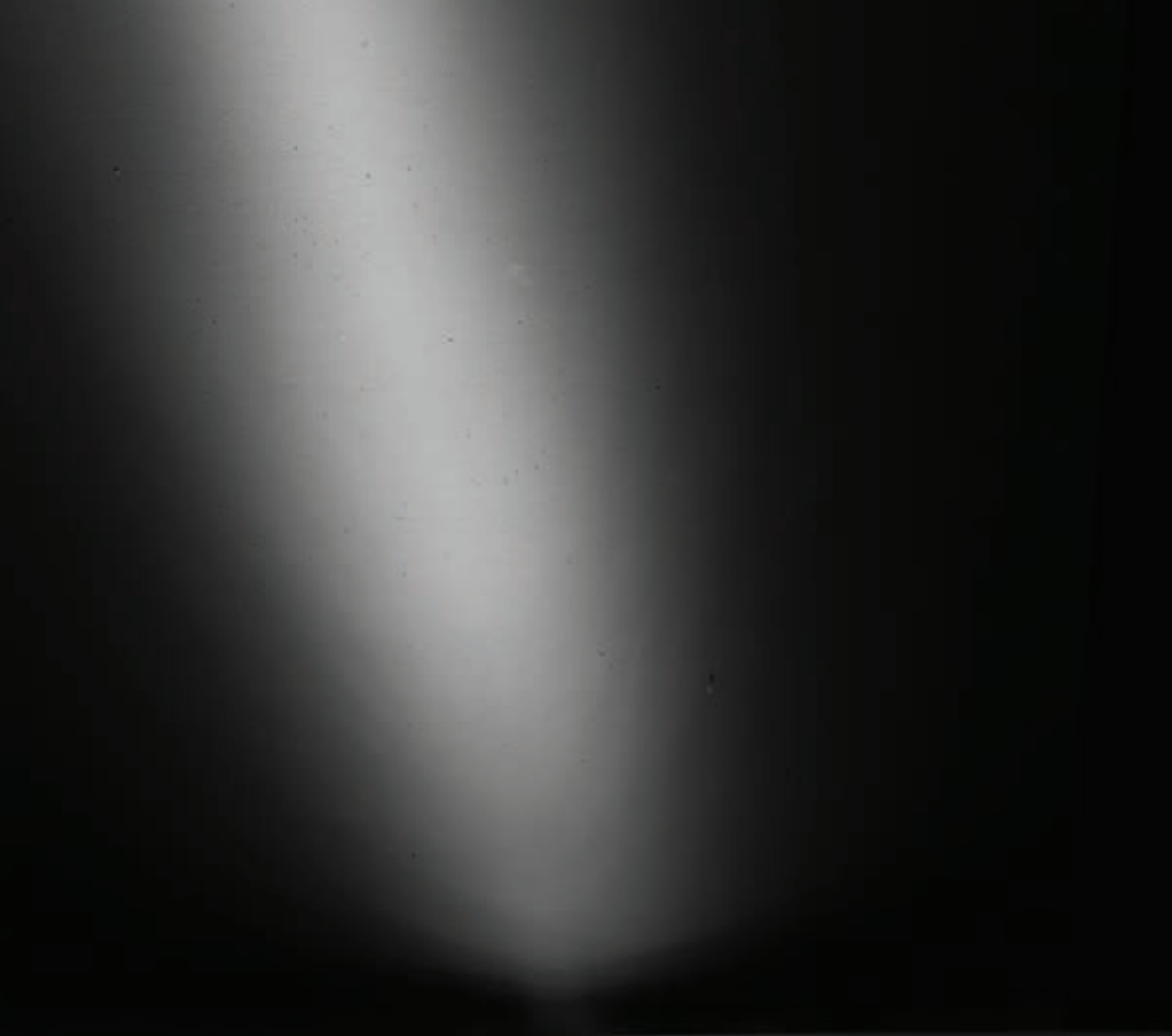
Drive over



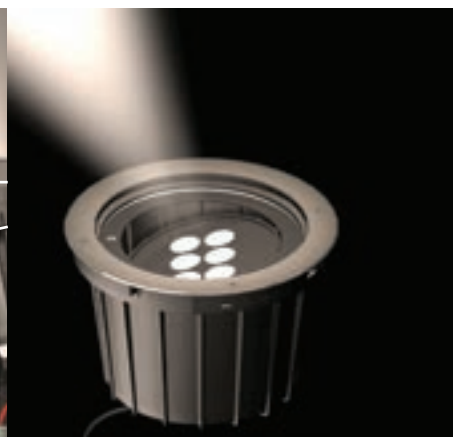
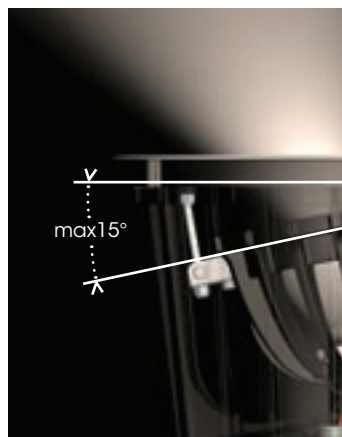
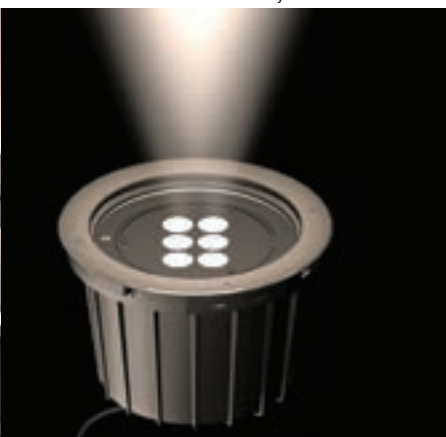
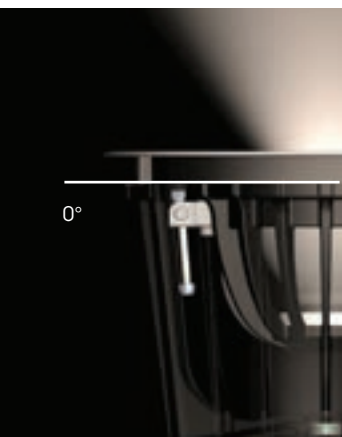
Glass surface temperature 70°C for LED source

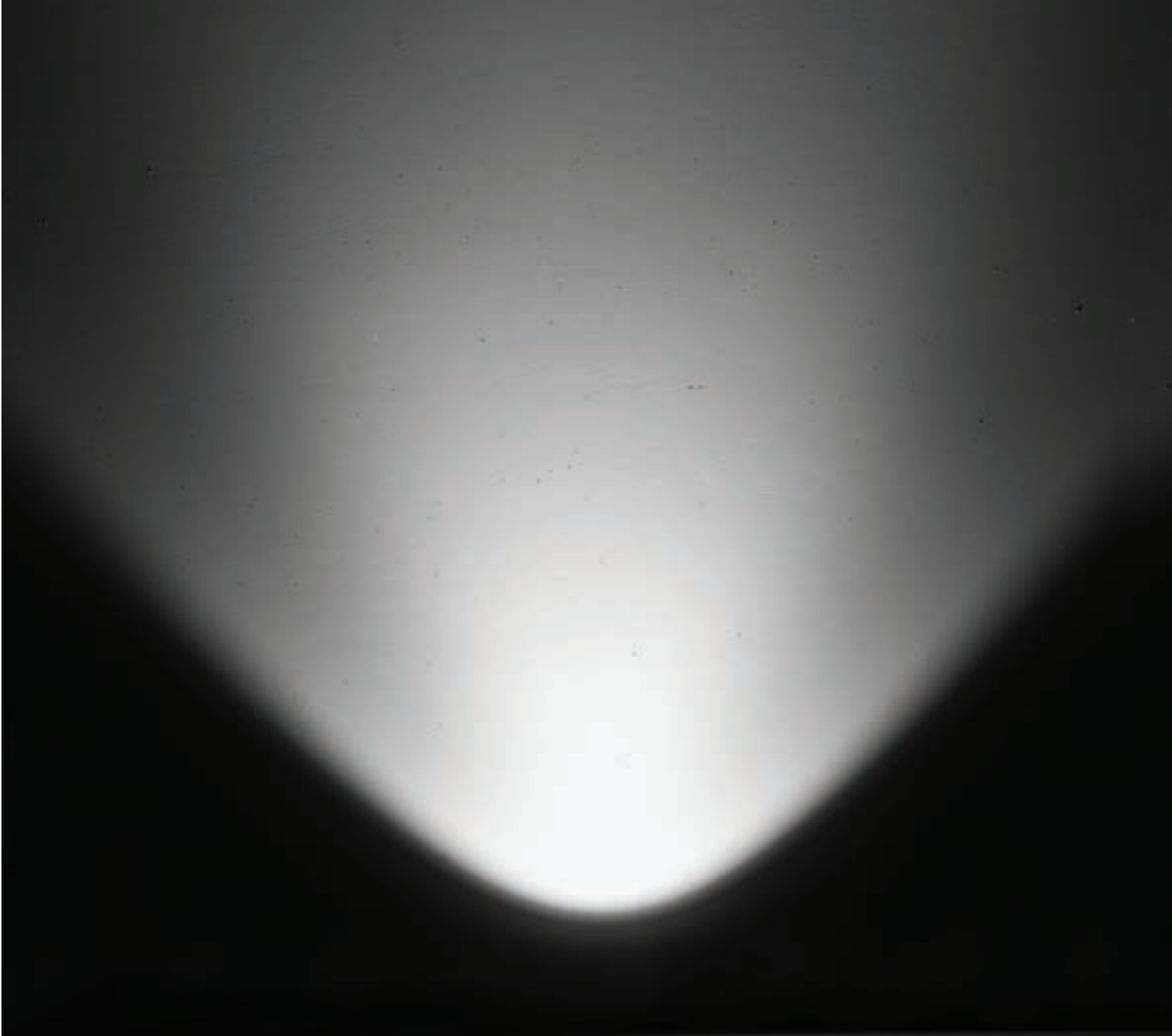


Protection against impact IK 09- 10,00 joule

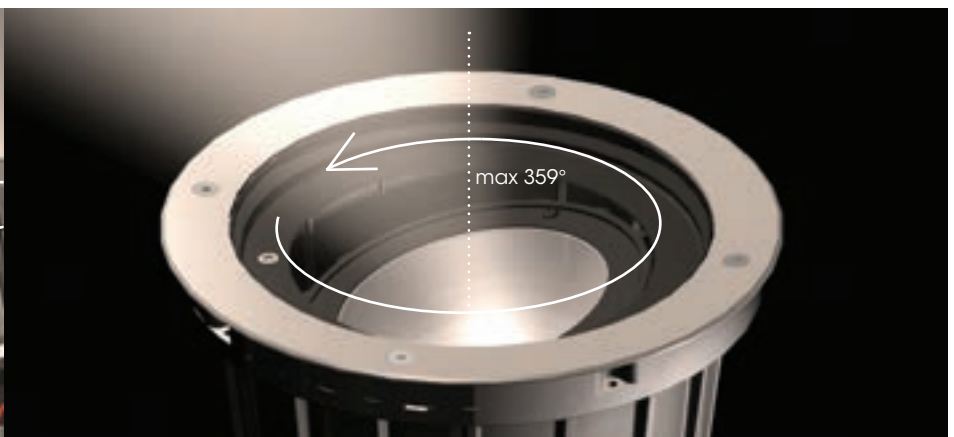
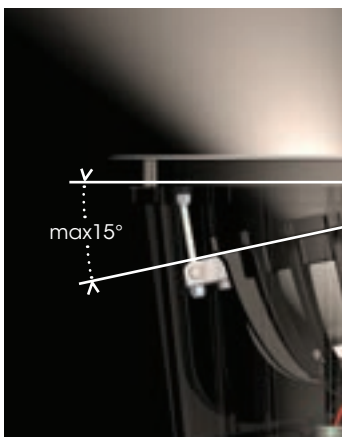


Adjustment on the horizontal axis: max 15°

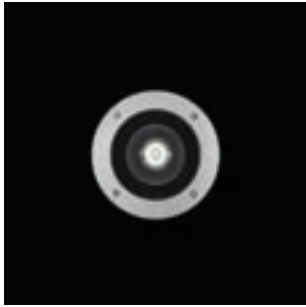




Rotation around the vertical axis: max 359°



Naboo145 Power LED / Adjustable Optic - Narrow Beam 10° -



534001 A A+ A++

COOL WHITE 6000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 675 ≠ FIXT lm 598
CRI >70

Kit with remote electronic power supply

534002 A A+ A++

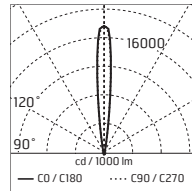
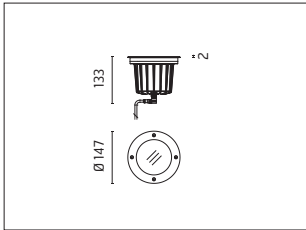
NATURAL WHITE 4000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 630 ≠ FIXT lm 558
CRI >80

Kit with remote electronic power supply

534003 A A+ A++

WARM WHITE 3000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 547 ≠ FIXT lm 485
CRI >80

Kit with remote electronic power supply



m	lux	
	Max	Med
5.00	437	292
4.00	682	456
3.00	1213	810
2.00	2730	1823
1.00	10918	7290

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Naboo145 Power LED / Adjustable Optic - Medium Beam 24°



534004 A A+ A++

COOL WHITE 6000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 675 ≠ FIXT lm 625
CRI >70

Kit with remote electronic power supply

534005 A A+ A++

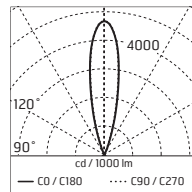
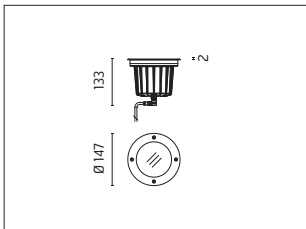
NATURAL WHITE 4000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 630 ≠ FIXT lm 583
CRI >80

Kit with remote electronic power supply

534006 A A+ A++

WARM WHITE 3000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 547 ≠ FIXT lm 507
CRI >80

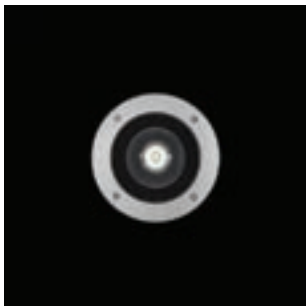
Kit with remote electronic power supply



m	lux	
	Max	Med
5.00	118	75
4.00	184	117
3.00	328	208
2.00	737	468
1.00	2949	1870

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 12.0^\circ + 12.0^\circ$

Naboo145 Power LED / Adjustable Optic - Wide Beam 50°



534007 A A+ A++

COOL WHITE 6000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 675 ≠ FIXT lm 575
CRI >70

Kit with remote electronic power supply

534008 A A+ A++

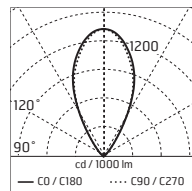
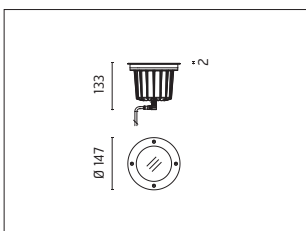
NATURAL WHITE 4000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 630 ≠ FIXT lm 536
CRI >80

Kit with remote electronic power supply

534009 A A+ A++

WARM WHITE 3000K
POWER LED
6W/220÷240V
Total power 8W
LED lm 547 ≠ FIXT lm 466
CRI >80

Kit with remote electronic power supply



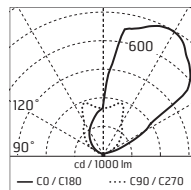
m	lux	
	Max	Med
5.00	31	17
4.00	49	26
3.00	87	46
2.00	195	104
1.00	781	417

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

Naboo145 Power LED / Adjustable Optic - Asymmetric Optic 65°x54°



534010 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 6W/220÷240V
 Total power 8W
 LED lm 675 ≠ FIXT lm 548
 CRI >70
 Kit with remote electronic power supply

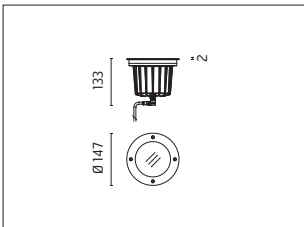


m	lux	
	Max	Med
5.00	14	6
4.00	22	9
3.00	39	16
2.00	88	36
1.00	353	144

$\alpha = 27.0^\circ + 27.0^\circ$ $\beta = 33.0^\circ + 33.0^\circ$

534011 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 6W/220÷240V
 Total power 8W
 LED lm 630 ≠ FIXT lm 511
 CRI >80
 Kit with remote electronic power supply

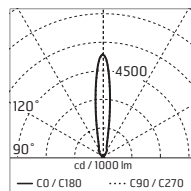
534012 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 6W/220÷240V
 Total power 8W
 LED lm 547 ≠ FIXT lm 444
 CRI >80
 Kit with remote electronic power supply



Naboo145 CoB LED / Adjustable Optic - Narrow Beam 16°



534013 **A A+ A++**
 COOL WHITE 5000K
 CoB LED
 6W/220÷240V
 Total power 9W
 LED lm 845 ≠ FIXT lm 504
 CRI >70
 Kit with remote electronic power supply

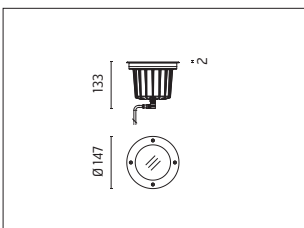


m	lux	
	Max	Med
5.00	111	70
4.00	174	109
3.00	309	194
2.00	695	437
1.00	2780	1749

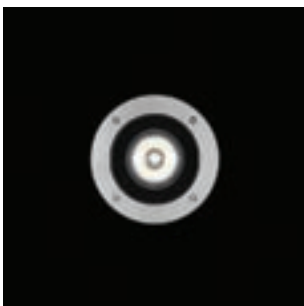
$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$

534014 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 6W/220÷240V
 Total power 9W
 LED lm 765 ≠ FIXT lm 457
 CRI >80
 Kit with remote electronic power supply

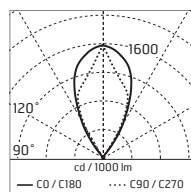
534015 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 6W/220÷240V
 Total power 9W
 LED lm 725 ≠ FIXT lm 433
 CRI >80
 Kit with remote electronic power supply



Naboo145 CoB LED / Adjustable Optic - Wide Beam 50°



534016 **A A+ A++**
 COOL WHITE 5000K
 CoB LED
 6W/220÷240V
 Total power 9W
 LED lm 845 ≠ FIXT lm 530
 CRI >70
 Kit with remote electronic power supply

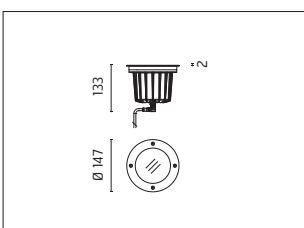


m	lux	
	Max	Med
5.00	34	17
4.00	53	26
3.00	94	47
2.00	211	106
1.00	842	423

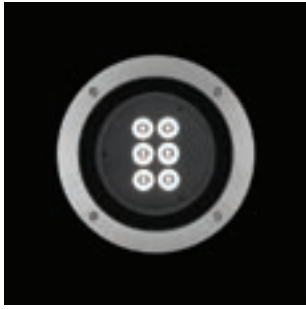
$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

534017 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 6W/220÷240V
 Total power 9W
 LED lm 765 ≠ FIXT lm 481
 CRI >80
 Kit with remote electronic power supply

534018 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 6W/220÷240V
 Total power 9W
 LED lm 725 ≠ FIXT lm 451
 CRI >80
 Kit with remote electronic power supply



Naboo225 Power LED / Adjustable Optic - Narrow Beam 10°



534019 A A+ A++

COOL WHITE 6000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1902 ≠ FIXT lm 1622
CRI >70

Kit with remote electronic power supply

534020 A A+ A++

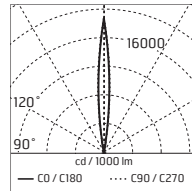
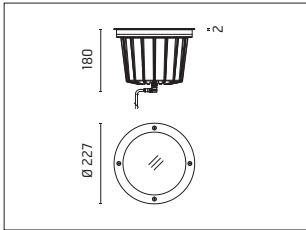
NATURAL WHITE 4000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1724 ≠ FIXT lm 1470
CRI >80

Kit with remote electronic power supply

534021 A A+ A++

WARM WHITE 3000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1614 ≠ FIXT lm 1377
CRI >80

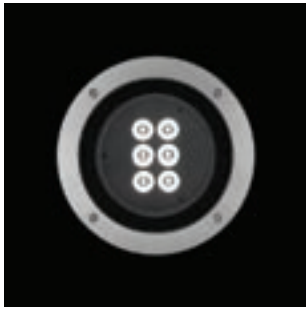
Kit with remote electronic power supply



m	α	β	lux	
			Max	Med
5.00			1123	700
4.00			1911	1094
3.00			3397	1945
2.00			7644	4377
1.00			30575	17508

α = 5.0° + 5.0° β = 5.0° + 5.0°

Naboo225 Power LED / Adjustable Optic - Medium Beam 35°



534022 A A+ A++

COOL WHITE 6000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1902 ≠ FIXT lm 1348
CRI >70

Kit with remote electronic power supply

534023 A A+ A++

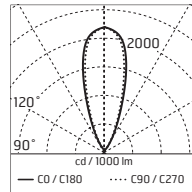
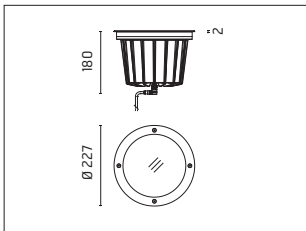
NATURAL WHITE 4000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1724 ≠ FIXT lm 1222
CRI >80

Kit with remote electronic power supply

534024 A A+ A++

WARM WHITE 3000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1614 ≠ FIXT lm 1144
CRI >80

Kit with remote electronic power supply



m	α	β	lux	
			Max	Med
5.00			118	70
4.00			184	110
3.00			327	195
2.00			736	439
1.00			2944	1758

α = 17.0° + 17.0° β = 17.0° + 17.0°

Naboo225 Power LED / Adjustable Optic - Wide Beam 70°



534025 A A+ A++

COOL WHITE 6000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1902 ≠ FIXT lm 1425
CRI >70

Kit with remote electronic power supply

534026 A A+ A++

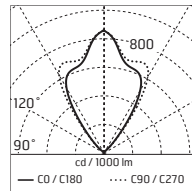
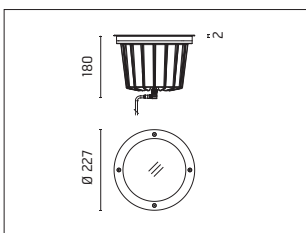
NATURAL WHITE 4000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1724 ≠ FIXT lm 1292
CRI >80

Kit with remote electronic power supply

534027 A A+ A++

WARM WHITE 3000K
POWER LEDs
6x3W/220÷240V
Total power 21W
LED lm 1614 ≠ FIXT lm 1210
CRI >80

Kit with remote electronic power supply



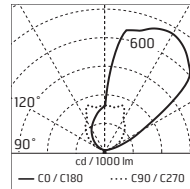
m	α	β	lux	
			Max	Med
5.00			49	23
4.00			77	36
3.00			137	64
2.00			307	144
1.00			1229	576

α = 35.0° + 35.0° β = 35.0° + 35.0°

Naboo225 Power LED / Adjustable Optic - Asymmetric Optic 65°x54°



534028 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 6x3W/220÷240V
 Total power 21W
 LED lm 1902 ≠ FIXT lm 1425
 CRI >70
 Kit with remote electronic power supply

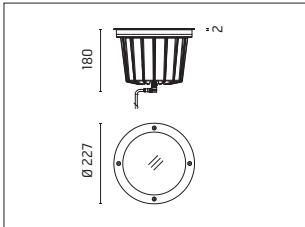


m	lux	
	Max	Med
5.00	32	13
4.00	50	20
3.00	89	36
2.00	200	81
1.00	799	324

$\alpha = 27.0^\circ + 27.0^\circ$ $\beta = 33.0^\circ + 33.0^\circ$

534029 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6x3W/220÷240V
 Total power 21W
 LED lm 1724 ≠ FIXT lm 1292
 CRI >80
 Kit with remote electronic power supply

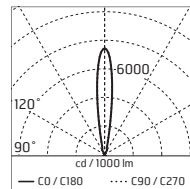
534030 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6x3W/220÷240V
 Total power 21W
 LED lm 1614 ≠ FIXT lm 1210
 CRI >80
 Kit with remote electronic power supply



Naboo225 CoB LED / Adjustable Optic - Narrow Beam 16°



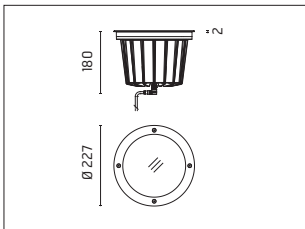
534031 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 21W
 LED lm 2510 ≠ FIXT lm 1596
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
5.00	480	308
4.00	750	481
3.00	1333	856
2.00	3000	1925
1.00	12000	7700

$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$

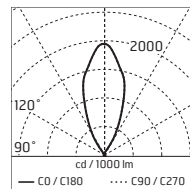
534032 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 21W
 LED lm 2400 ≠ FIXT lm 1535
 CRI >80
 Kit with remote electronic power supply



Naboo225 CoB LED / Adjustable Optic - Medium Beam 40°



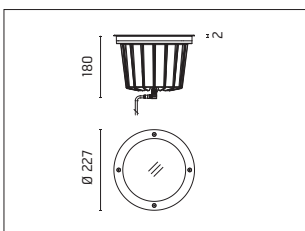
534033 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 21W
 LED lm 2510 ≠ FIXT lm 1535
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
5.00	120	69
4.00	187	107
3.00	333	191
2.00	749	429
1.00	2997	1717

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

534034 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 21W
 LED lm 2400 ≠ FIXT lm 1477
 CRI >80
 Kit with remote electronic power supply



Naboo290 Power LED / Adjustable Optic - Narrow Beam 10°



534035 A A+ A++

COOL WHITE 6000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3803 ≠ FIXT lm 3232
CRI >70

Kit with remote electronic power supply

534036 A A+ A++

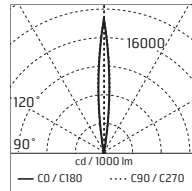
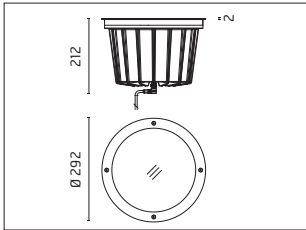
NATURAL WHITE 4000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3447 ≠ FIXT lm 2930
CRI >80

Kit with remote electronic power supply

534037 A A+ A++

WARM WHITE 3000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3228 ≠ FIXT lm 2744
CRI >80

Kit with remote electronic power supply



m	lux	
	Max	Med
5.00	2437	1395
4.00	3808	2180
3.00	6769	3876
2.00	15230	8721
1.00	60921	34885

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Naboo290 Power LED / Adjustable Optic - Medium Beam 35°



534038 A A+ A++

COOL WHITE 6000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3803 ≠ FIXT lm 2687
CRI >70

Kit with remote electronic power supply

534039 A A+ A++

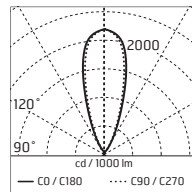
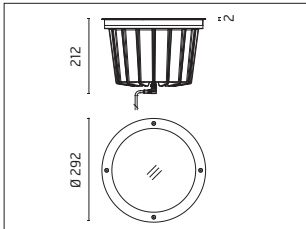
NATURAL WHITE 4000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3447 ≠ FIXT lm 2435
CRI >80

Kit with remote electronic power supply

534040 A A+ A++

WARM WHITE 3000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3228 ≠ FIXT lm 2281
CRI >80

Kit with remote electronic power supply



m	lux	
	Max	Med
5.00	235	140
4.00	367	219
3.00	652	389
2.00	1467	876
1.00	5868	3503

$\alpha = 17.0^\circ + 17.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$

Naboo290 Power LED / Adjustable Optic - Wide Beam 70°



534041 A A+ A++

COOL WHITE 6000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3803 ≠ FIXT lm 2841
CRI >70

Kit with remote electronic power supply

534042 A A+ A++

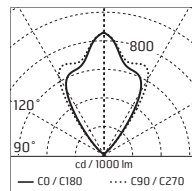
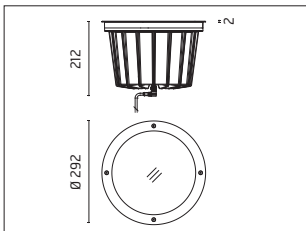
NATURAL WHITE 4000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3447 ≠ FIXT lm 2575
CRI >80

Kit with remote electronic power supply

534043 A A+ A++

WARM WHITE 3000K
POWER LEDs
12x3W/220÷240V
Total power 39W
LED lm 3228 ≠ FIXT lm 2412
CRI >80

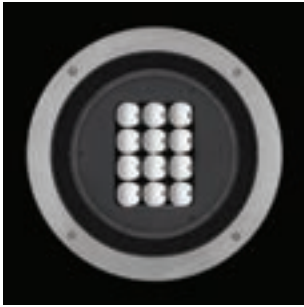
Kit with remote electronic power supply



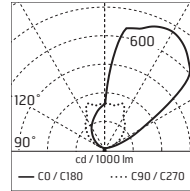
m	lux	
	Max	Med
5.00	98	46
4.00	153	72
3.00	272	128
2.00	612	287
1.00	2450	1148

$\alpha = 35.0^\circ + 35.0^\circ$ $\beta = 35.0^\circ + 35.0^\circ$

Naboo290 Power LED / Adjustable Optic - Asymmetric Optic 65°x54°



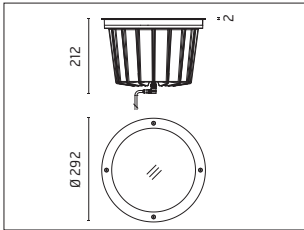
534044 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 12x3W/220÷240V
 Total power 39W
 LED lm 3803 ≠ FIXT lm 2841
 CRI >70
 Kit with remote electronic power supply



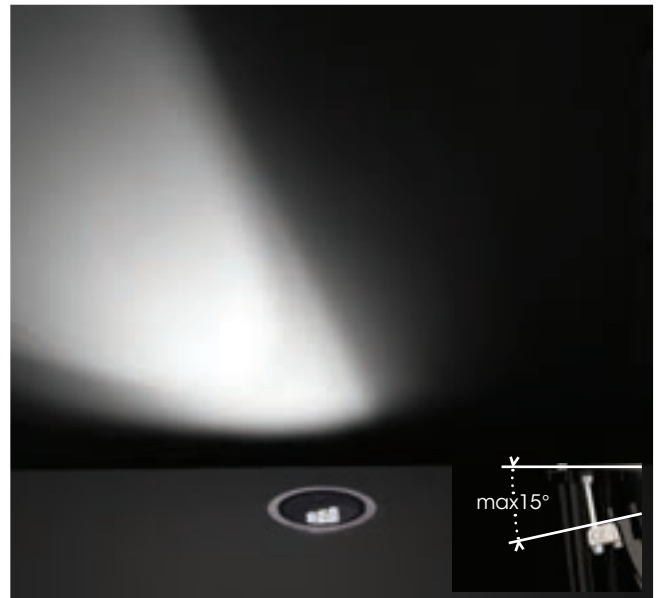
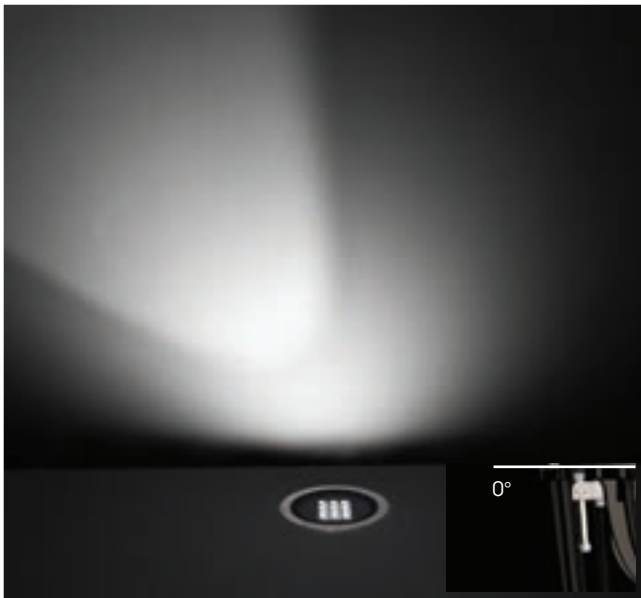
m	α	β	lux	
			Max	Med
5.00			64	26
4.00			100	40
3.00			177	72
2.00			398	162
1.00			1593	646

α = 27.0° + 27.0° β = 33.0° + 33.0°

534045 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 12x3W/220÷240V
 Total power 39W
 LED lm 3447 ≠ FIXT lm 2575
 CRI >80
 Kit with remote electronic power supply



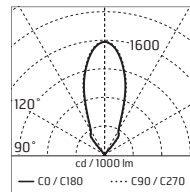
534046 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 12x3W/220÷240V
 Total power 39W
 LED lm 3228 ≠ FIXT lm 2412
 CRI >80
 Kit with remote electronic power supply



Naboo290 CoB LED / Adjustable Optic - Medium Beam 40°



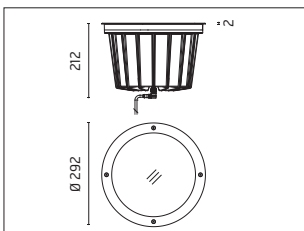
534047 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 30W/220÷240V
 Total power 38W
 LED lm 4000 ≠ FIXT lm 3010
 CRI >80
 Kit with remote electronic power supply

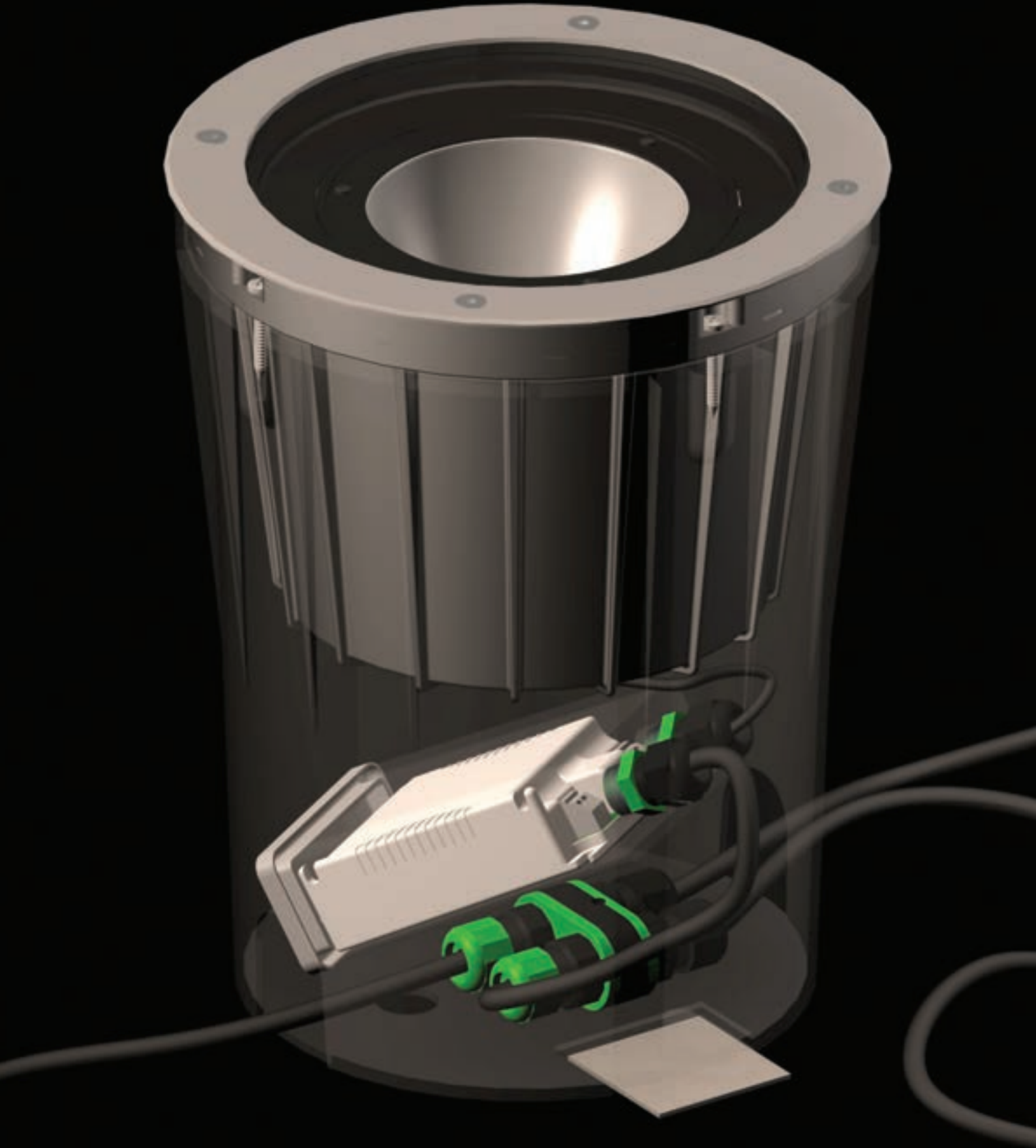


m	α	β	lux	
			Max	Med
5.00			193	114
4.00			302	179
3.00			536	317
2.00			1206	714
1.00			4825	2857

α = 20.0° + 20.0° β = 20.0° + 20.0°

534048 A A+ A++
 WARM WHITE 3000K
 CoB LED
 30W/220÷240V
 Total power 38W
 LED lm 3850 ≠ FIXT lm 2896
 CRI >80
 Kit with remote electronic power supply





IP 67
KIT WITH REMOTE ELECTRONIC
POWER SUPPLY

Accessories: Naboo LED

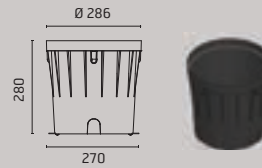
188
BOX FOR INSTALLATION
Ø 210 x H 190mm



189
BOX FOR INSTALLATION
Ø 222 x H 280mm



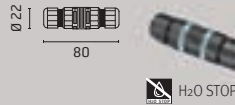
190
BOX FOR INSTALLATION
Ø 286 x H 280mm



215
3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



236
2 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



220÷240V
Kit with remote electronic power supply

Accessories chart

acc. code ▶	188	189	190	215	236	237
534001	•			•	•	•
534002	•			•	•	•
534003	•			•	•	•
534004	•			•	•	•
534005	•			•	•	•
534006	•			•	•	•
534007	•			•	•	•
534008	•			•	•	•
534009	•			•	•	•
534010	•			•	•	•
534011	•			•	•	•
534012	•			•	•	•
534013	•			•	•	•
534014	•			•	•	•
534015	•			•	•	•
534016	•			•	•	•
534017	•			•	•	•

acc. code ▶	188	189	190	215	236	237
534018	•			•	•	•
534019		•		•	•	•
534020		•		•	•	•
534021		•		•	•	•
534022		•		•	•	•
534023		•		•	•	•
534024		•		•	•	•
534025		•		•	•	•
534026		•		•	•	•
534027		•		•	•	•
534028		•		•	•	•
534029		•		•	•	•
534030		•		•	•	•
534031		•		•	•	•
534032		•		•	•	•
534033		•		•	•	•
534034		•		•	•	•

acc. code ▶	188	189	190	215	236	237
534035			•	•	•	•
534036			•	•	•	•
534037			•	•	•	•
534038			•	•	•	•
534039			•	•	•	•
534040			•	•	•	•
534041			•	•	•	•
534042			•	•	•	•
534043			•	•	•	•
534044			•	•	•	•
534045			•	•	•	•
534046			•	•	•	•
534047			•	•	•	•
534048			•	•	•	•

Kamino

NEW
2015





Kamino LED

Design by Ares Concept

IP67

- Recessed round LED luminaire with radial light emission for outdoor installation. Two sizes available.
- Configuration: die-cast aluminium structure. EN AB 47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Light emission: one emission, two opposite emissions, four emissions
- Transparent borosilicate glass and moulded silicone gaskets.
- Protection Rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II ; 24V version: III
- Installation: the luminaire is equipped with a watertight M12 connector providing optimal insulation against water ingress and quick connection to the wiring unit (supplied with the luminaire as a remote IP67 Kit with electronic power supply). Installation requires a dedicated box (to be ordered separately). For ground installation it is important to provide a proper gravel layer or drain system (>300mm) to ensure good drainage and avoid water stagnation. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Kamino 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Kamino is protected against polarity reversal and sudden voltage peak.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

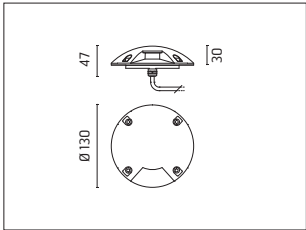
EU Regulation 874/2012 - Illumination equipment energy classes

LED VERSION:
 Class A/A+/A++
 Luminaire supplied with integrated LED modules which cannot be replaced



- | | |
|--|---|
| Recessed ground fitting | Installation requires a 30cm water drainage layer (gravel) |
| Do not install in hollow areas | Pre-wired with approx 250mm of cable |
| Protection against water ingress from the cable | Static load: 2000Kg walk over |
| Drive over | Glass surface temperature 70°C for LED source |
| Protection against impact
IK 09 - 10,00 joule | |

Kamino130 Power LED / One Emission

**535001** **A A+ A++**

COOL WHITE 6000K
POWER LED
1W/220÷240V
Total power 4W
LED lm 1x139 ≠ FIXT lm 1x38
CRI >70

Kit with remote electronic power supply

535002 **A A+ A++**

NATURAL WHITE 4000K
POWER LED
1W/220÷240V
Total power 4W
LED lm 1x130 ≠ FIXT lm 1x36
CRI >80

Kit with remote electronic power supply

535003 **A A+ A++**

WARM WHITE 3000K
POWER LED
1W/220÷240V
Total power 4W
LED lm 1x122 ≠ FIXT lm 1x34
CRI >80

Kit with remote electronic power supply

535019 **A A+ A++**

COOL WHITE 6000K
POWER LED
1W/24Vdc
Total power 1,9W
LED lm 1x139 ≠ FIXT lm 1x38
CRI >70

Remote electronic power supply to be ordered

535020 **A A+ A++**

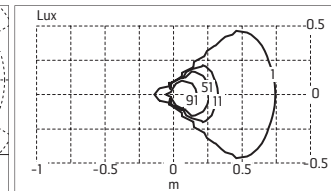
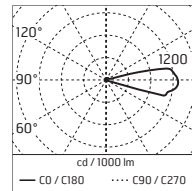
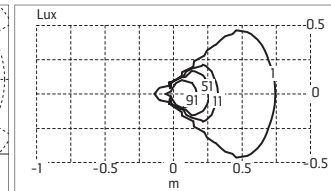
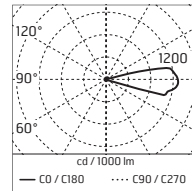
NATURAL WHITE 4000K
POWER LED
1W/24Vdc
Total power 1,9W
LED lm 1x130 ≠ FIXT lm 1x36
CRI >80

Remote electronic power supply to be ordered

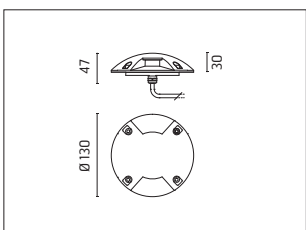
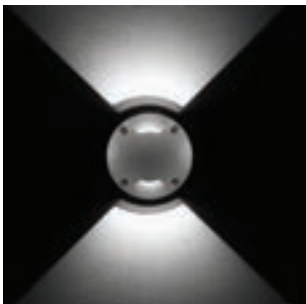
535021 **A A+ A++**

WARM WHITE 3000K
POWER LED
1W/24Vdc
Total power 1,9W
LED lm 1x122 ≠ FIXT lm 1x34
CRI >80

Remote electronic power supply to be ordered



Kamino130 Power LED / Two Emissions

**535004** **A A+ A++**

COOL WHITE 6000K
POWER LEDs
2x(1W)/220÷240V
Total power 5W
LED lm 2x139 ≠ FIXT lm 2x38
CRI >70

Kit with remote electronic power supply

535005 **A A+ A++**

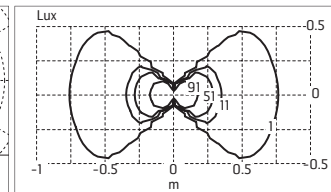
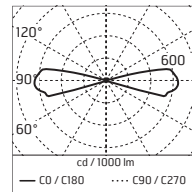
NATURAL WHITE 4000K
POWER LEDs
2x(1W)/220÷240V
Total power 5W
LED lm 2x130 ≠ FIXT lm 2x36
CRI >80

Kit with remote electronic power supply

535006 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
2x(1W)/220÷240V
Total power 5W
LED lm 2x122 ≠ FIXT lm 2x34
CRI >80

Kit with remote electronic power supply



535022 ◆ A A+ A++

COOL WHITE 6000K
POWER LEDs
2x(1W)/24Vdc
Total power 3,5W
LED lm 2x139 ≠ FIXT lm 2x38
CRI >70

Remote electronic power supply
to be ordered

535023 ◆ A A+ A++

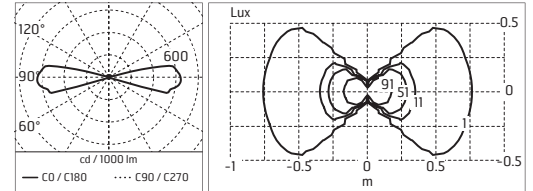
NATURAL WHITE 4000K
POWER LEDs
2x(1W)/24Vdc
Total power 3,5W
LED lm 2x130 ≠ FIXT lm 2x36
CRI >80

Remote electronic power supply
to be ordered

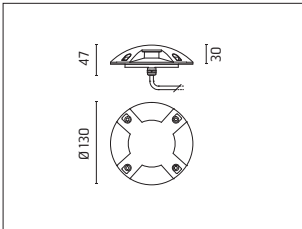
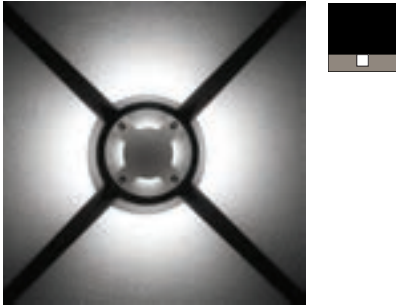
535024 ◆ A A+ A++

WARM WHITE 3000K
POWER LEDs
2x(1W)/24Vdc
Total power 3,5W
LED lm 2x122 ≠ FIXT lm 2x34
CRI >80

Remote electronic power supply
to be ordered



Kamino130 Power LED / Omnidirectional

**535007** □ A A+ A++

COOL WHITE 6000K
POWER LEDs
4x(1W)/220÷240V
Total power 7W
LED lm 4x139 ≠ FIXT lm 4x38
CRI >70

Kit with remote electronic power
supply

535008 □ A A+ A++

NATURAL WHITE 4000K
POWER LEDs
4x(1W)/220÷240V
Total power 7W
LED lm 4x130 ≠ FIXT lm 4x36
CRI >80

Kit with remote electronic power
supply

535009 □ A A+ A++

WARM WHITE 3000K
POWER LEDs
4x(1W)/220÷240V
Total power 7W
LED lm 4x122 ≠ FIXT lm 4x34
CRI >80

Kit with remote electronic power
supply

535025 ◆ A A+ A++

COOL WHITE 6000K
POWER LEDs
4x(1W)/24Vdc
Total power 5,8W
LED lm 4x139 ≠ FIXT lm 4x38
CRI >70

Remote electronic power supply
to be ordered

535026 ◆ A A+ A++

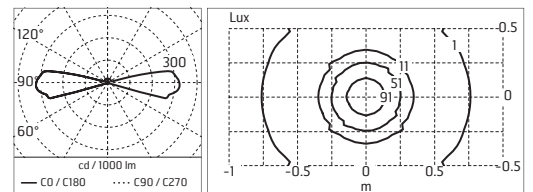
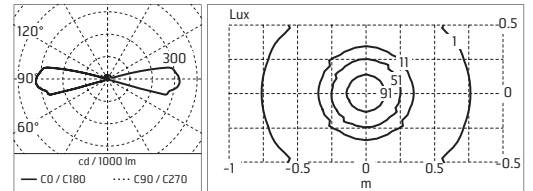
NATURAL WHITE 4000K
POWER LEDs
4x(1W)/24Vdc
Total power 5,8W
LED lm 4x130 ≠ FIXT lm 4x36
CRI >80

Remote electronic power supply
to be ordered

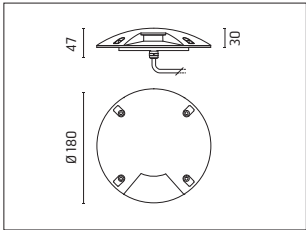
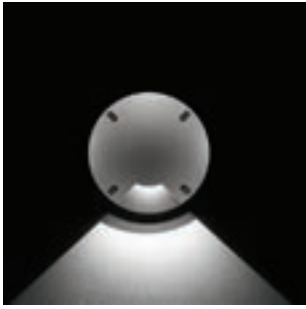
535027 ◆ A A+ A++

WARM WHITE 3000K
POWER LEDs
4x(1W)/24Vdc
Total power 5,8W
LED lm 4x122 ≠ FIXT lm 4x34
CRI >80

Remote electronic power supply
to be ordered



Kamino180 Power LED / One Emission

**535010**

COOL WHITE 6000K
POWER LED
3W/220÷240V
Total power 5W
LED lm 1x265 ≠ FIXT lm 1x60
CRI >70

Kit with remote electronic power supply

535011

NATURAL WHITE 4000K
POWER LED
3W/220÷240V
Total power 5W
LED lm 1x250 ≠ FIXT lm 1x57
CRI >80

Kit with remote electronic power supply

535012

WARM WHITE 3000K
POWER LED
3W/220÷240V
Total power 5W
LED lm 1x240 ≠ FIXT lm 1x54
CRI >80

Kit with remote electronic power supply

535028

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 1x265 ≠ FIXT lm 1x60
CRI >70

Remote electronic power supply to be ordered

535029

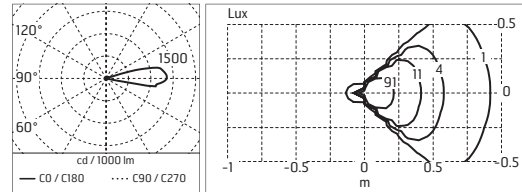
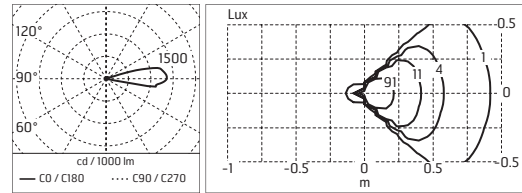
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 1x250 ≠ FIXT lm 1x57
CRI >80

Remote electronic power supply to be ordered

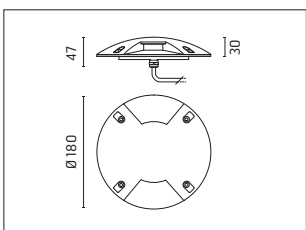
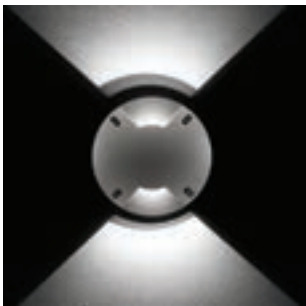
535030

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 1x240 ≠ FIXT lm 1x54
CRI >80

Remote electronic power supply to be ordered



Kamino180 Power LED / Two Emissions

**535013**

COOL WHITE 6000K
POWER LEDs
2x(3W)/220÷240V
Total power 7W
LED lm 2x265 ≠ FIXT lm 2x60
CRI >70

Kit with remote electronic power supply

535014

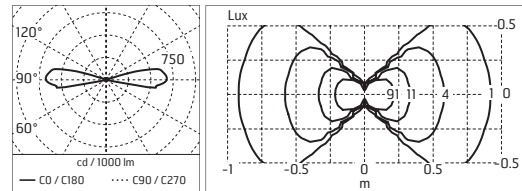
NATURAL WHITE 4000K
POWER LEDs
2x(3W)/220÷240V
Total power 7W
LED lm 2x250 ≠ FIXT lm 2x57
CRI >80

Kit with remote electronic power supply

535015

WARM WHITE 3000K
POWER LEDs
2x(3W)/220÷240V
Total power 7W
LED lm 2x240 ≠ FIXT lm 2x54
CRI >80

Kit with remote electronic power supply



535031 ◆ A A+ A++

COOL WHITE 6000K
POWER LEDs
2x(3W)/24Vdc
Total power 6,4W
LED lm 2x265 ≠ FIXT lm 2x60
CRI >70

Remote electronic power supply
to be ordered

535032 ◆ A A+ A++

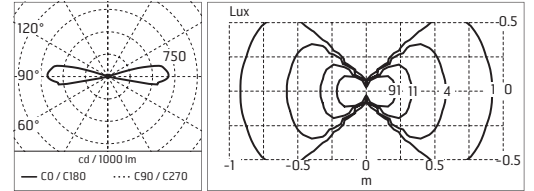
NATURAL WHITE 4000K
POWER LEDs
2x(3W)/24Vdc
Total power 6,4W
LED lm 2x250 ≠ FIXT lm 2x57
CRI >80

Remote electronic power supply
to be ordered

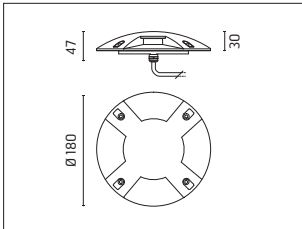
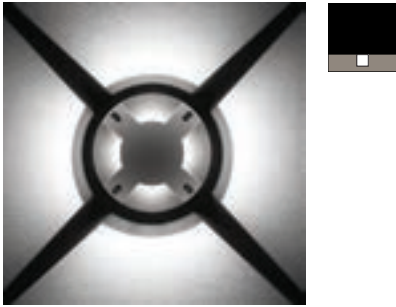
535033 ◆ A A+ A++

WARM WHITE 3000K
POWER LEDs
2x(3W)/24Vdc
Total power 6,4W
LED lm 2x240 ≠ FIXT lm 2x54
CRI >80

Remote electronic power supply
to be ordered



Kamino180 Power LED / Omnidirectional

**535016** □ A A+ A++

COOL WHITE 6000K
POWER LEDs
4x(3W)/220-240V
Total power 12W
LED lm 4x265 ≠ FIXT lm 4x60
CRI >70

Kit with remote electronic power
supply

535017 □ A A+ A++

NATURAL WHITE 4000K
POWER LEDs
4x(3W)/220-240V
Total power 12W
LED lm 4x250 ≠ FIXT lm 4x57
CRI >80

Kit with remote electronic power
supply

535018 □ A A+ A++

WARM WHITE 3000K
POWER LEDs
4x(3W)/220-240V
Total power 12W
LED lm 4x240 ≠ FIXT lm 4x54
CRI >80

Kit with remote electronic power
supply

535034 ◆ A A+ A++

COOL WHITE 6000K
POWER LEDs
4x(3W)/24Vdc
Total power 11,2W
LED lm 4x265 ≠ FIXT lm 4x60
CRI >70

Remote electronic power supply
to be ordered

535035 ◆ A A+ A++

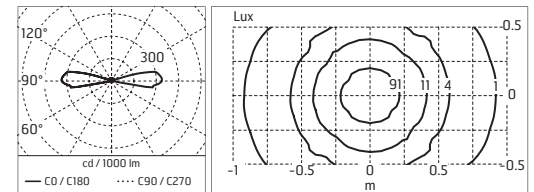
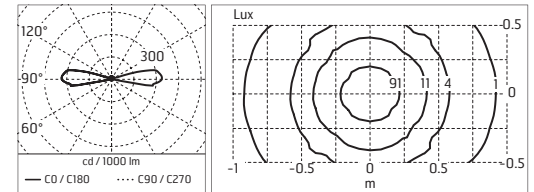
NATURAL WHITE 4000K
POWER LEDs
4x(3W)/24Vdc
Total power 11,2W
LED lm 4x250 ≠ FIXT lm 4x57
CRI >80

Remote electronic power supply
to be ordered

535036 ◆ A A+ A++

WARM WHITE 3000K
POWER LEDs
4x(3W)/24Vdc
Total power 11,2W
LED lm 4x240 ≠ FIXT lm 4x54
CRI >80

Remote electronic power supply
to be ordered

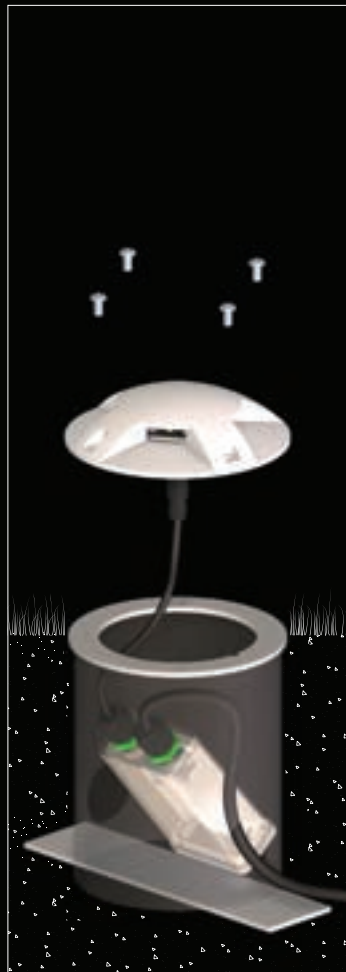
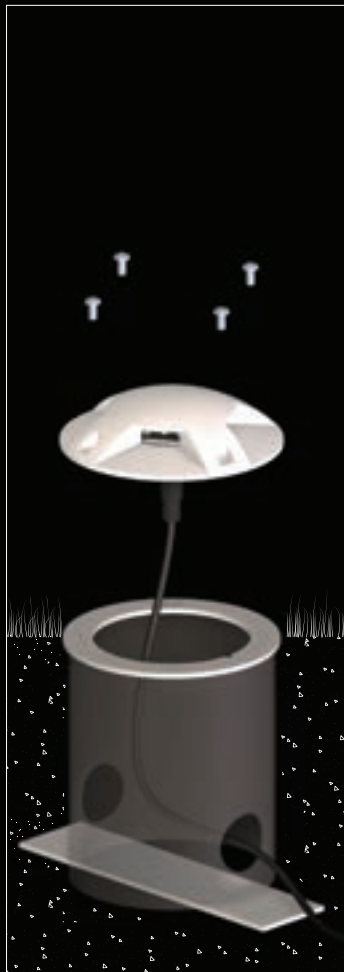




220+240V
Kit with remote electronic power supply

Version 24Vdc
Remote electronic power supply
to be ordered

Version 220-240V
Kit with remote electronic
power supply

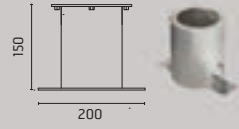


Accessories: Kamino LED

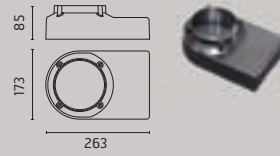
192
BOX FOR INSTALLATION
225 X 128 H 85mm



193
HIGH RESISTANCE IN-GROUND FIXING BASE
200 X 150mm



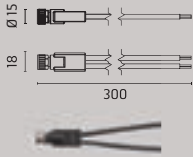
194
BOX FOR INSTALLATION
263 X 173 H 85mm



195
HIGH RESISTANCE IN-GROUND FIXING BASE
250 X 150mm



219
SPLITTER M12 CONNECTOR



220
M12 CONNECTOR L.5000mm



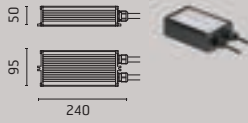
215
3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



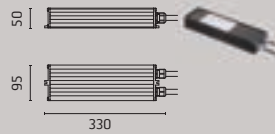
236
2 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



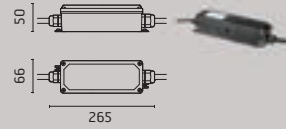
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



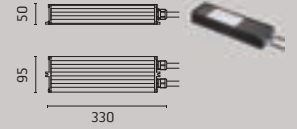
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code	▶ 192	193	194	195	219	220	215	236	147	155	110	156	237
prod. code	▼												
535001	•	•					•	•					•
535002	•	•					•	•					•
535003	•	•					•	•					•
535004	•	•					•	•					•
535005	•	•					•	•					•
535006	•	•					•	•					•
535007	•	•					•	•					•
535008	•	•					•	•					•
535009	•	•					•	•					•
535010			•	•			•	•					•
535011			•	•			•	•					•
535012			•	•			•	•					•
535013			•	•			•	•					•
535014			•	•			•	•					•
535015			•	•			•	•					•
535016			•	•			•	•					•
535017			•	•			•	•					•
535018			•	•			•	•					•
535019	•	•				•	•	•	•	•	•	•	•
535020	•	•				•	•	•	•	•	•	•	•
535021	•	•				•	•	•	•	•	•	•	•
535022	•	•				•	•	•	•	•	•	•	•
535023	•	•				•	•	•	•	•	•	•	•
535024	•	•				•	•	•	•	•	•	•	•
535025	•	•				•	•	•	•	•	•	•	•
535026	•	•				•	•	•	•	•	•	•	•
535027	•	•				•	•	•	•	•	•	•	•
535028			•	•		•	•	•	•	•	•	•	•
535029			•	•		•	•	•	•	•	•	•	•
535030			•	•		•	•	•	•	•	•	•	•
535031			•	•		•	•	•	•	•	•	•	•
535032			•	•		•	•	•	•	•	•	•	•
535033			•	•		•	•	•	•	•	•	•	•
535034			•	•		•	•	•	•	•	•	•	•
535035			•	•		•	•	•	•	•	•	•	•
535036			•	•		•	•	•	•	•	•	•	•



K12








K12 LED











Design by Ares Concept

IP67   

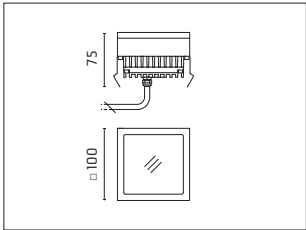
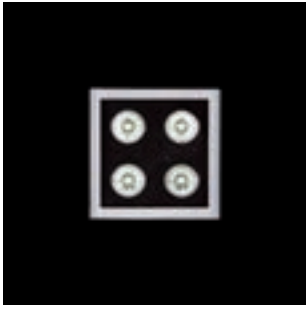
- Square recessed luminaire for outdoor installation in wall and ground.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Glass fixed to the aluminium body through a robotic gluing system
- Protection Rating: IP67
- In compliance with EN 60598-1
- Class of insulation: III
- Installation: the luminaire is equipped with 300mm of cable for an easy-to-make connection. K12 Power LED is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. The whole range is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	

	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Installation requires a 30cm water drainage layer (gravel).
	Pre-wired with approx 300mm of cable.		Protection against water ingress from the cable (not for RGB versions)
	Remote device required.		Static load: 1500Kg walk over
	Glass surface temperature 70°C for LED source		Protection against impact. IK 10 - 20,00 joule

K12sq Power LED / Narrow beam 10°



524011 A A+ A++

COOL WHITE 6000K
POWER LEDs
4x2W/24Vdc
Total power 7,5W
LED lm 726 = FIXT lm 555
CRI>70

Remote electronic power supply to be ordered

524012 A A+ A++

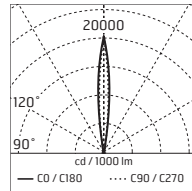
NATURAL WHITE 4000K
POWER LEDs
4x2W/24Vdc
Total power 7,5W
LED lm 618 = FIXT lm 472
CRI>80

Remote electronic power supply to be ordered

524013 A A+ A++

WARM WHITE 3000K
POWER LEDs
4x2W/24Vdc
Total power 7,5W
LED lm 559 = FIXT lm 427
CRI>80

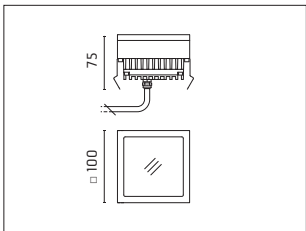
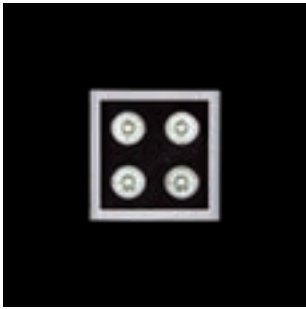
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	452	273
4.00	706	427
3.00	1255	799
2.00	2824	1708
1.00	11297	6832

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

K12sq Power LED / Medium beam 40°



524021 A A+ A++

COOL WHITE 6000K
POWER LEDs
4x2W/24Vdc
Total power 7,5W
LED lm 726 = FIXT lm 497
CRI>70

Remote electronic power supply to be ordered

524022 A A+ A++

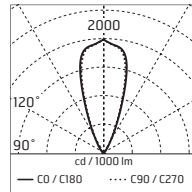
NATURAL WHITE 4000K
POWER LEDs
4x2W/24Vdc
Total power 7,5W
LED lm 618 = FIXT lm 423
CRI>80

Remote electronic power supply to be ordered

524023 A A+ A++

WARM WHITE 3000K
POWER LEDs
4x2W/24Vdc
Total power 7,5W
LED lm 559 = FIXT lm 382
CRI>80

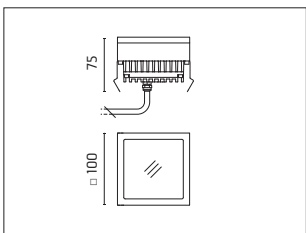
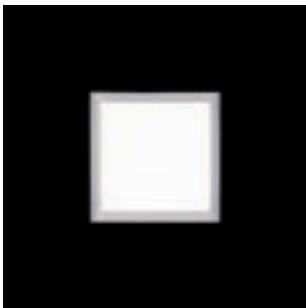
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	39	24
4.00	62	38
3.00	109	68
2.00	246	152
1.00	985	610

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

K12sq Mid-Power LED / Diffused light



524001 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
7W/24Vdc
Total power 6,8W
LED lm 761 = FIXT lm 411
CRI>70

Remote electronic power supply to be ordered
..III Acc. 144 or 176

524002 A A+ A++

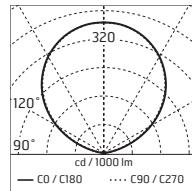
NATURAL WHITE 4000K
MID-POWER LEDs
7W/24Vdc
Total power 6,8W
LED lm 734 = FIXT lm 397
CRI>80

Remote electronic power supply to be ordered
..III Acc. 144 or 176

524003 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
7W/24Vdc
Total power 6,8W
LED lm 707 = FIXT lm 382
CRI>80

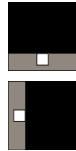
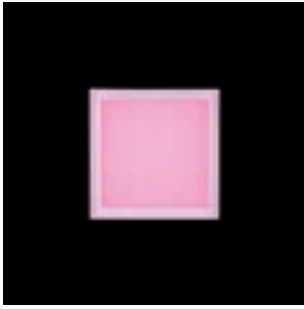
Remote electronic power supply to be ordered
..III Acc. 144 or 176



m	lux	
	Max	Med
5.00	6	2
4.00	9	2
3.00	17	4
2.00	38	10
1.00	150	38

$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$

K12sq RGB Low Power / Diffused light

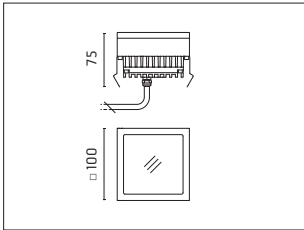


524004 A A+ A++
 RGB
 LOW POWER LEDs
 6W/3CH 24Vdc
 Total power 6W
 Remote electronic power supply
 to be ordered

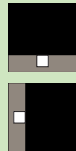
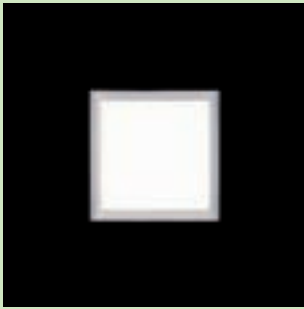
Wiring diagram and installation scheme RGB

Max 8 luminaires K12sq
 for each code 148

>> See Page 630
 Wiring Diagram n.6



K12sq Mid-Power LED IIIIII eco / Diffused light



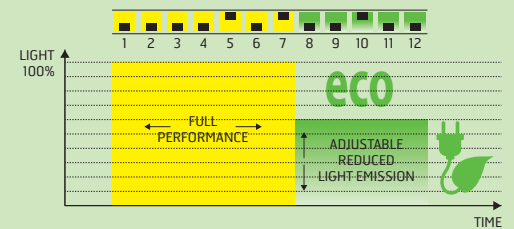
524031 A A+ A++ IIIIII eco
 COOL WHITE 6000K
 MID-POWER LEDs
 7W/24Vdc
 Total power 8W
 LED lm 761 ≠ FIXT lm 411
 CRI>70
 Remote electronic power supply
 to be ordered

524032 A A+ A++ IIIIII eco
 NATURAL WHITE 4000K
 MID-POWER LEDs
 7W/24Vdc
 Total power 8W
 LED lm 734 ≠ FIXT lm 397
 CRI>80
 Remote electronic power supply
 to be ordered

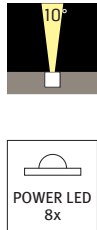
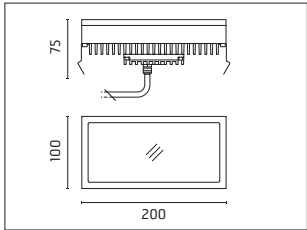
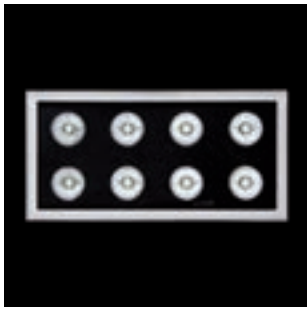
524033 A A+ A++ IIIIII eco
 WARM WHITE 3000K
 MID-POWER LEDs
 7W/24Vdc
 Total power 8W
 LED lm 707 ≠ FIXT lm 382
 CRI>80
 Remote electronic power supply
 to be ordered



Integrated controller to set the automatic
 reduction of light emission



K12rc Power LED / Narrow beam 10°



524511 A A+ A++

COOL WHITE 6000K
POWER LEDs
8x2W/24Vdc
Total power 15W
LED lm 1453 ≠ FIXT lm 1123
CRI>70

Remote electronic power supply to be ordered

524512 A A+ A++

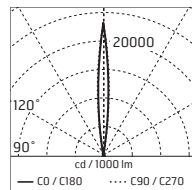
NATURAL WHITE 4000K
POWER LEDs
8x2W/24Vdc
Total power 15W
LED lm 1237 ≠ FIXT lm 956
CRI>80

Remote electronic power supply to be ordered

524513 A A+ A++

WARM WHITE 3000K
POWER LEDs
8x2W/24Vdc
Total power 15W
LED lm 1118 ≠ FIXT lm 864
CRI>80

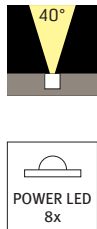
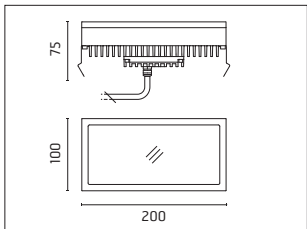
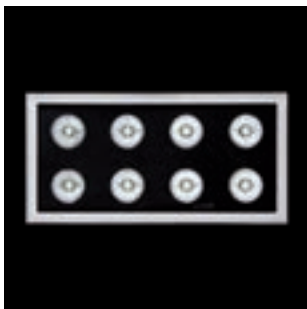
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	1041	579
4.00	1626	904
3.00	2891	1608
2.00	6505	3617
1.00	26018	14470

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

K12rc Power LED / Medium beam 40°



524521 A A+ A++

COOL WHITE 6000K
POWER LEDs
8x2W/24Vdc
Total power 15W
LED lm 1453 ≠ FIXT lm 1005
CRI>70

Remote electronic power supply to be ordered

524522 A A+ A++

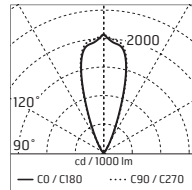
NATURAL WHITE 4000K
POWER LEDs
8x2W/24Vdc
Total power 15W
LED lm 1237 ≠ FIXT lm 856
CRI>80

Remote electronic power supply to be ordered

524523 A A+ A++

WARM WHITE 3000K
POWER LEDs
8x2W/24Vdc
Total power 15W
LED lm 1118 ≠ FIXT lm 774
CRI>80

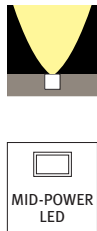
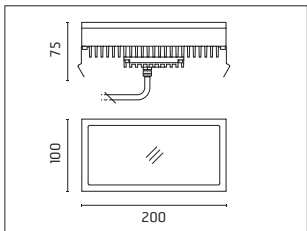
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	84	52
4.00	131	80
3.00	233	143
2.00	524	322
1.00	2094	1288

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

K12rc Mid-Power LED / Diffused light



524501 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
16W/24Vdc
Total power 15,8W
LED lm 1713 ≠ FIXT lm 942
CRI>70

Remote electronic power supply to be ordered
..iilll Acc. 144 or 176

524502 A A+ A++

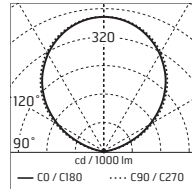
NATURAL WHITE 4000K
MID-POWER LEDs
16W/24Vdc
Total power 15,8W
LED lm 1652 ≠ FIXT lm 908
CRI>80

Remote electronic power supply to be ordered
..iilll Acc. 144 or 176

524503 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
16W/24Vdc
Total power 15,8W
LED lm 1591 ≠ FIXT lm 875
CRI>80

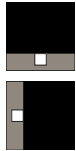
Remote electronic power supply to be ordered
..iilll Acc. 144 or 176



m	lux	
	Max	Med
5.00	14	4
4.00	22	6
3.00	39	10
2.00	89	23
1.00	355	93

$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$

K12rc RGB Low Power LED / Diffused light

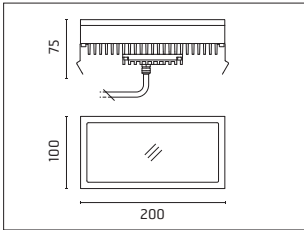


524504 A A+ A++
 RGB
 LOW POWER LEDs
 13W/3CH 24Vdc
 Total power 13W
 Remote electronic power supply
 to be ordered

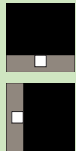
Wiring diagram and installation scheme RGB

Max 4 luminaires K12rc
 for each code 148

» See Page 630
 Wiring Diagram n.6



K12rc Mid-Power LED IIIIII eco / Diffused light



524531 A A+ A++ IIIIII eco
 COOL WHITE 6000K
 MID-POWER LEDs
 16W/24Vdc
 Total power 17W
 LED Im 1713 ≠ FIXT Im 942
 CRI>70
 Remote electronic power supply
 to be ordered

524532 A A+ A++ IIIIII eco
 NATURAL WHITE 4000K
 MID-POWER LEDs
 16W/24Vdc
 Total power 17W
 LED Im 1652 ≠ FIXT Im 908
 CRI>80

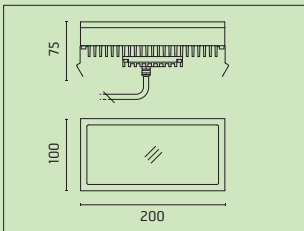
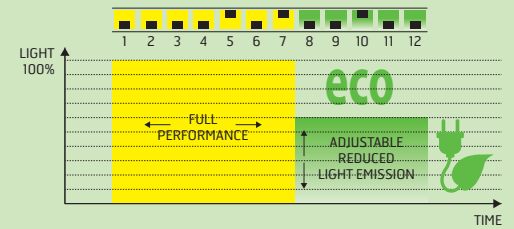
Remote electronic power supply
 to be ordered

524533 A A+ A++ IIIIII eco
 WARM WHITE 3000K
 MID-POWER LEDs
 16W/24Vdc
 Total power 17W
 LED Im 1591 ≠ FIXT Im 875
 CRI>80

Remote electronic power supply
 to be ordered



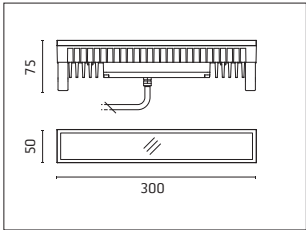
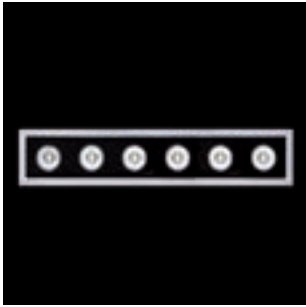
Integrated controller to set the automatic
 reduction of light emission







K12In Power LED / Narrow beam 10°



524111 A A+ A++

COOL WHITE 6000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 1089 ≠ FIXT lm 819
CRI>70

Remote electronic power supply to be ordered

524112 A A+ A++

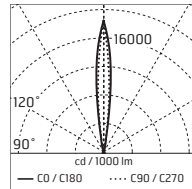
NATURAL WHITE 4000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 927 ≠ FIXT lm 697
CRI>80

Remote electronic power supply to be ordered

524113 A A+ A++

WARM WHITE 3000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 838 ≠ FIXT lm 630
CRI>80

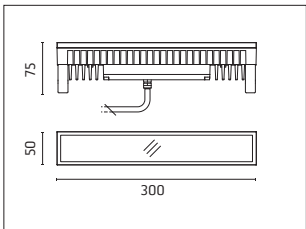
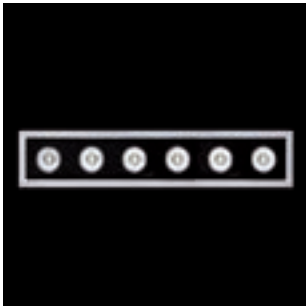
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	602	376
4.00	940	588
3.00	1671	1045
2.00	3761	2351
1.00	15043	9405

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

K12In Power LED / Medium beam 40°



524121 A A+ A++

COOL WHITE 6000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 1089 ≠ FIXT lm 733
CRI>70

Remote electronic power supply to be ordered

524122 A A+ A++

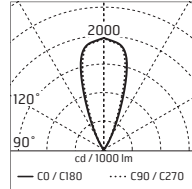
NATURAL WHITE 4000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 927 ≠ FIXT lm 624
CRI>80

Remote electronic power supply to be ordered

524123 A A+ A++

WARM WHITE 3000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 838 ≠ FIXT lm 564
CRI>80

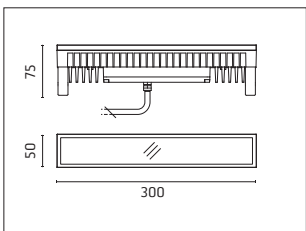
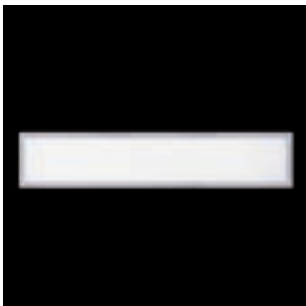
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	58	36
4.00	90	57
3.00	160	101
2.00	360	227
1.00	1439	907

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

K12In Mid-Power LED / Diffused light



524101 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
10W/24Vdc
Total power 10,5W
LED lm 1142 ≠ FIXT lm 519
CRI>70

Remote electronic power supply to be ordered
..iilll Acc. 144 or 176

524102 A A+ A++

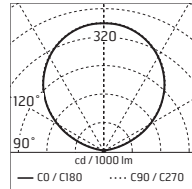
NATURAL WHITE 4000K
MID-POWER LEDs
10W/24Vdc
Total power 10,5W
LED lm 1101 ≠ FIXT lm 501
CRI>80

Remote electronic power supply to be ordered
..iilll Acc. 144 or 176

524103 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
10W/24Vdc
Total power 10,5W
LED lm 1060 ≠ FIXT lm 482
CRI>80

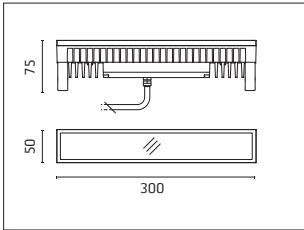
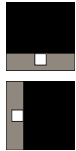
Remote electronic power supply to be ordered
..iilll Acc. 144 or 176



m	lux	
	Max	Med
5.00	7	2
4.00	12	3
3.00	21	5
2.00	46	12
1.00	185	47

$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$

K12In RGB Low Power LED / Diffused light

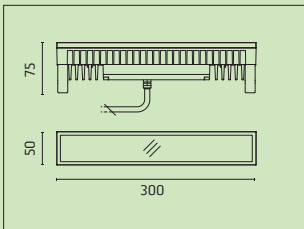
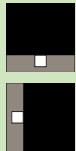
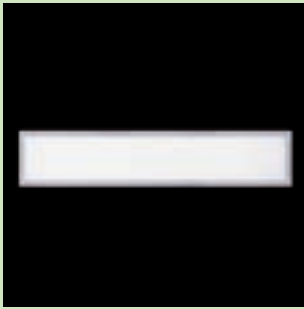


524104 A A+ A++
 RGB
 LOW POWER LEDs
 10W/3CH 24Vdc
 Total power 11W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 5 luminaires K12In
 for each code 148

» See Page 630
 Wiring Diagram n.6

K12In Mid-Power LED IIIIII eco / Diffused light



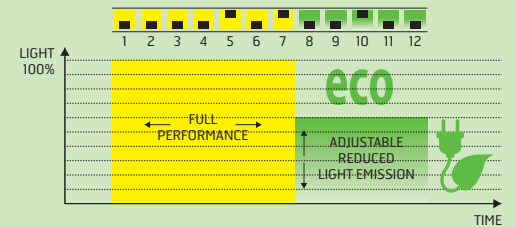
524131 A A+ A++ IIIIII eco
 COOL WHITE 6000K
 MID-POWER LEDs
 10W/24Vdc
 Total power 12W
 LED lm 1142 ≠ FIXT lm 519
 CRI>70
 Remote electronic power supply
 to be ordered

524132 A A+ A++ IIIIII eco
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/24Vdc
 Total power 12W
 LED lm 1101 ≠ FIXT lm 501
 CRI>80
 Remote electronic power supply
 to be ordered

524133 A A+ A++ IIIIII eco
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/24Vdc
 Total power 12W
 LED lm 1060 ≠ FIXT lm 482
 CRI>80
 Remote electronic power supply
 to be ordered

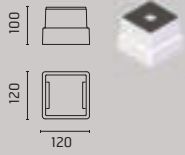


Integrated controller to set the automatic
 reduction of light emission

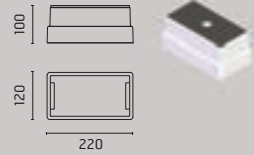


Accessories: K.12 LED

151
BOX FOR INSTALLATION
120 x 120 x H 95mm



152
BOX FOR INSTALLATION
220 x 120 x H 95mm

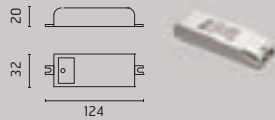


183
BOX FOR INSTALLATION
322 x 70 x H 95mm

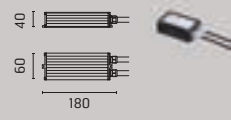


153
SUCTION CUP TO PULL THE LUMINAIRE

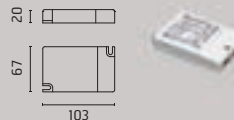
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



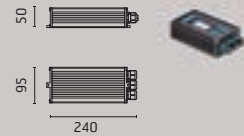
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



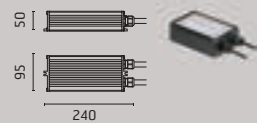
176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



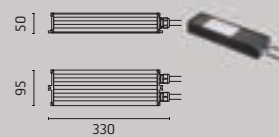
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

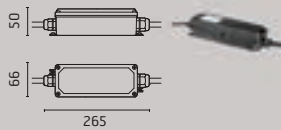
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



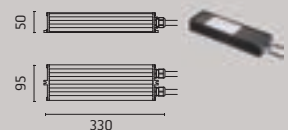
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



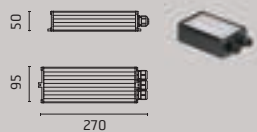
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W/120÷240V - 24Vdc
IP67 CLASS II SELV.



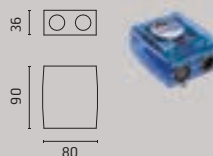
148
POWER SUPPLY with DMX interface for RGB
fixtures 55W/220÷230V-3CHx24Vdc
(3CHx18W) DMX controller allowed
IP67 CLASS I SELV EQ.



142
DMX CONTROLLER; dimmer switch for
recessed box (60mm hole centres)



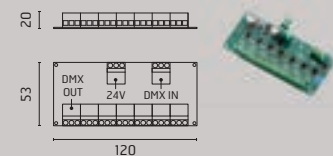
143
DMX CONTROLLER; stand-alone/PC interface



186
DMX CABLE - SHIELDED TWISTED PAIR WITH
110 Ohm CONSTANT IMPEDANCE.



187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT AND 7
OUTPUT. 12÷24Vdc POWER SUPPLY TO BE
ORDERED (87 OR 175 RECOMMENDED)



Accessories:chart

acc. code ▶	151	152	183	153	87	175	144	176	147	155	110	156	148	142	143	186	187
524001	•			•	•	•	•	•	•	•	•	•					
524002	•			•	•	•	•	•	•	•	•	•					
524003	•			•	•	•	•	•	•	•	•	•					
524004	•			•									•	•	•	•	•
524011	•			•	•	•			•	•	•	•					
524012	•			•	•	•			•	•	•	•					
524013	•			•	•	•			•	•	•	•					
524021	•			•	•	•			•	•	•	•					
524022	•			•	•	•			•	•	•	•					
524023	•			•	•	•			•	•	•	•					
524031	•			•	•	•			•	•	•	•					
524032	•			•	•	•			•	•	•	•					
524033	•			•	•	•			•	•	•	•					
524501		•		•			•	•	•	•	•	•					
524502		•		•			•	•	•	•	•	•					
524503		•		•			•	•	•	•	•	•					
524504		•		•									•	•	•	•	•
524511		•		•					•	•	•	•					
524512		•		•					•	•	•	•					
524513		•		•					•	•	•	•					
524521		•		•					•	•	•	•					
524522		•		•					•	•	•	•					
524523		•		•					•	•	•	•					
524531		•		•					•	•	•	•					
524532		•		•					•	•	•	•					
524533		•		•					•	•	•	•					
524101			•	•			•	•	•	•	•	•					
524102			•	•			•	•	•	•	•	•					
524103			•	•			•	•	•	•	•	•					
524104			•	•									•	•	•	•	•
524111			•	•					•	•	•	•					
524112			•	•					•	•	•	•					
524113			•	•					•	•	•	•					
524121			•	•					•	•	•	•					
524122			•	•					•	•	•	•					
524123			•	•					•	•	•	•					
524131			•	•					•	•	•	•					
524132			•	•					•	•	•	•					
524133			•	•					•	•	•	•					



Tapioca





Tapioca LED

Design by Ares Concept

IP67

- Recessed luminaire for outdoor installation in wall, ceiling or floor.
- Configuration: die-cast aluminium structure EN AB-47100 alloy (low copper content) available in round and square version.
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- The luminaire is composed of a wiring unit connected to an emitting unit with different designs: only glass-round and square; anodized aluminium frame-only round. The glass is fixed to the aluminium structure through a robotic gluing system.
- Tempered transparent or sandblasted glass.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Tapioca 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Tapioca is protected against polarity reversal and sudden voltage peak. It is equipped with a piece of cable for an easy-to-make connection (please provide effective insulation on the connection). The luminaire is equipped with fixing springs to be locked up to a dedicated box for installation (to be ordered separately). For ground installation it is important to provide a proper gravel layer or drain system (>200mm) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes

A⁺⁺
A⁺
A

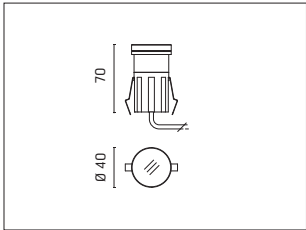
LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



8. Anodized Aluminium

- | | | | |
|--|--|--|--|
| | Recessed ground fitting | | Recessed wall fitting |
| | Do not install in hollow areas | | Installation in concrete ceiling: box for installation required |
| | Installation requires a 20cm water drainage layer (gravel). | | Pre-wired with approx 200mm of cable |
| | Protection against water ingress from the cable (not for RGB versions) | | Remote device required |
| | Static load: 500Kg walk over (version without frame) | | Glass surface temperature $\leq 70^{\circ}\text{C}$ for LED source |
| | Static load: 2000Kg walk over (version with frame) | | |
| | Protection against impact.
IK 08 - 5,00 joule
IK 06 - 1,00 joule*
*(only version \varnothing 55 mm) | | |

Tapioca Power LED / Ø 40mm - Transparent Glass - Narrow Beam 10°



1008812 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ÷ FIXT lm 100
CRI >70

Remote electronic power supply to be ordered

10016312 A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ÷ FIXT lm 86
CRI >80

Remote electronic power supply to be ordered

1008912 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ÷ FIXT lm 80
CRI >80

Remote electronic power supply to be ordered

10017512 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 178 ÷ FIXT lm 126
CRI >70

Remote electronic power supply to be ordered

10017712 A A+ A++

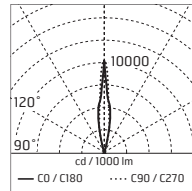
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 153 ÷ FIXT lm 108
CRI >80

Remote electronic power supply to be ordered

10017612 A A+ A++

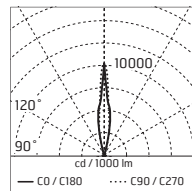
WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 142 ÷ FIXT lm 101
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	41	23
4.00	23	36
3.00	113	64
2.00	255	143
1.00	1020	573

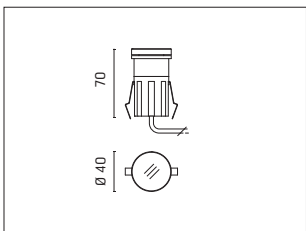
$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$



m	lux	
	Max	Med
5.00	51	29
4.00	80	45
3.00	143	80
2.00	321	181
1.00	1285	722

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$

Tapioca Power LED / Ø 40mm - Transparent Glass - Medium Beam 30°



1008840 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ÷ FIXT lm 91
CRI >70

Remote electronic power supply to be ordered

10016340 A A+ A++

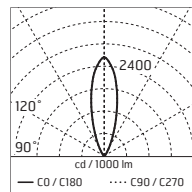
NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ÷ FIXT lm 78
CRI >80

Remote electronic power supply to be ordered

1008940 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ÷ FIXT lm 73
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	10	6
4.00	15	9
3.00	27	16
2.00	60	36
1.00	241	145

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

10017540 A A+ A++

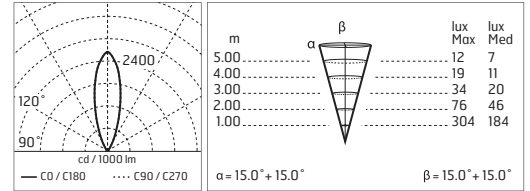
COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 178 ÷ FIXT lm 115
 CRI >70
 Remote electronic power supply
 to be ordered

10017740 A A+ A++

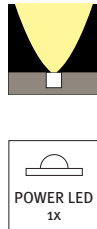
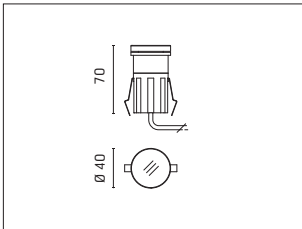
NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 153 ÷ FIXT lm 99
 CRI >80
 Remote electronic power supply
 to be ordered

10017640 A A+ A++

WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 142 ÷ FIXT lm 92
 CRI >80
 Remote electronic power supply
 to be ordered



Tapioca Power LED / Ø 40mm - Sandblasted Glass



10088118 A A+ A++

COOL WHITE 6000K
 POWER LED
 1W/12÷24Vdc
 Total power 1,9W
 LED lm 130 ÷ FIXT lm 31
 CRI >70
 Remote electronic power supply
 to be ordered

100163118 A A+ A++

NATURAL WHITE 4000K
 POWER LED
 1W/12÷24Vdc
 Total power 1,9W
 LED lm 112 ÷ FIXT lm 27
 CRI >80
 Remote electronic power supply
 to be ordered

10089118 A A+ A++

WARM WHITE 3000K
 POWER LED
 1W/12÷24Vdc
 Total power 1,9W
 LED lm 104 ÷ FIXT lm 25
 CRI >80
 Remote electronic power supply
 to be ordered

100175118 A A+ A++

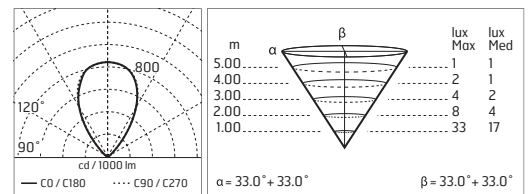
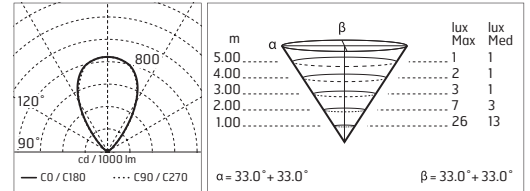
COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 178 ÷ FIXT lm 39
 CRI >70
 Remote electronic power supply
 to be ordered

100177118 A A+ A++

NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 153 ÷ FIXT lm 34
 CRI >80
 Remote electronic power supply
 to be ordered

100176118 A A+ A++

WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 142 ÷ FIXT lm 31
 CRI >80
 Remote electronic power supply
 to be ordered



Tapioca Power LED / Ø 55mm - Anodized Aluminium Frame - Transparent Glass - Narrow Beam 10°



10088119 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ≠ FIXT lm 100
CRI >70

Remote electronic power supply to be ordered

100163119 A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ≠ FIXT lm 86
CRI >80

Remote electronic power supply to be ordered

10089119 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ≠ FIXT lm 80
CRI >80

Remote electronic power supply to be ordered

100175119 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 178 ≠ FIXT lm 126
CRI >70

Remote electronic power supply to be ordered

100177119 A A+ A++

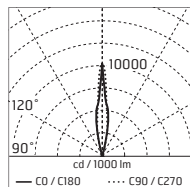
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 153 ≠ FIXT lm 108
CRI >80

Remote electronic power supply to be ordered

100176119 A A+ A++

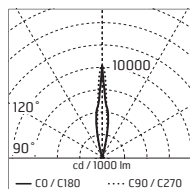
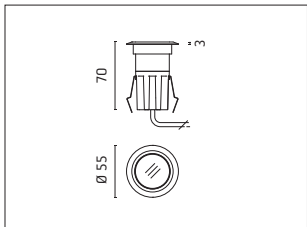
WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 142 ≠ FIXT lm 101
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	41	23
4.00	23	36
3.00	113	64
2.00	255	143
1.00	1020	573

α = 6.0° + 6.0° β = 6.0° + 6.0°



m	lux	
	Max	Med
5.00	51	29
4.00	80	45
3.00	143	80
2.00	321	181
1.00	1285	722

α = 6.0° + 6.0° β = 6.0° + 6.0°

Tapioca Power LED / Ø 55mm - Anodized Aluminium Frame - Transparent Glass - Medium Beam 30°



1008800 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ≠ FIXT lm 91
CRI >70

Remote electronic power supply to be ordered

10016300 A A+ A++

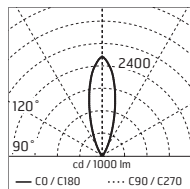
NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ≠ FIXT lm 78
CRI >80

Remote electronic power supply to be ordered

1008900 A A+ A++

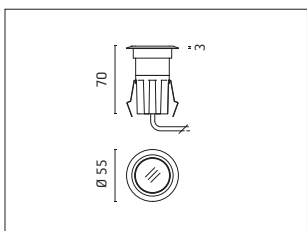
WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ≠ FIXT lm 73
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	10	6
4.00	15	9
3.00	27	16
2.00	60	36
1.00	241	145

α = 15.0° + 15.0° β = 15.0° + 15.0°



10017500 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 178 ÷ FIXT lm 115
CRI >70

Remote electronic power supply to be ordered

10017700 A A+ A++

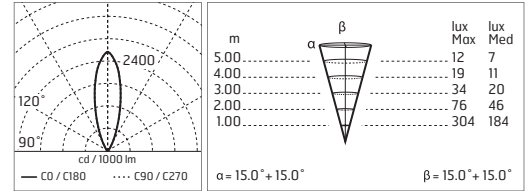
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 153 ÷ FIXT lm 99
CRI >80

Remote electronic power supply to be ordered

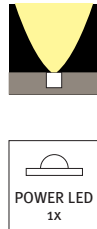
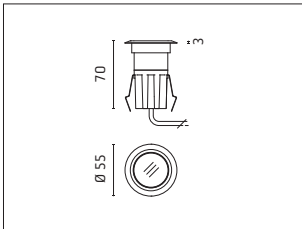
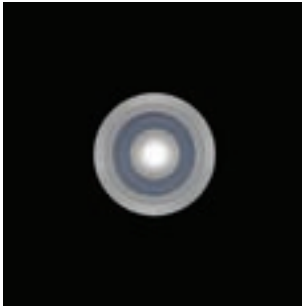
10017600 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 142 ÷ FIXT lm 92
CRI >80

Remote electronic power supply to be ordered



Tapioca Power LED / Ø 55mm - Anodized Aluminium Frame - Sandblasted Glass



10088120 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ÷ FIXT lm 31
CRI >70

Remote electronic power supply to be ordered

100163120 A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ÷ FIXT lm 27
CRI >80

Remote electronic power supply to be ordered

10089120 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ÷ FIXT lm 25
CRI >80

Remote electronic power supply to be ordered

100175120 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 178 ÷ FIXT lm 39
CRI >70

Remote electronic power supply to be ordered

100176120 A A+ A++

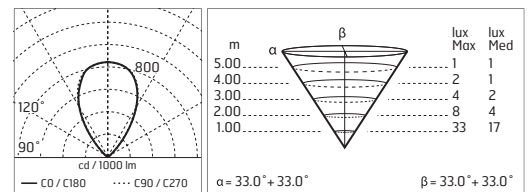
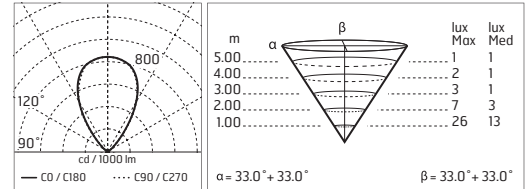
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 153 ÷ FIXT lm 34
CRI >80

Remote electronic power supply to be ordered

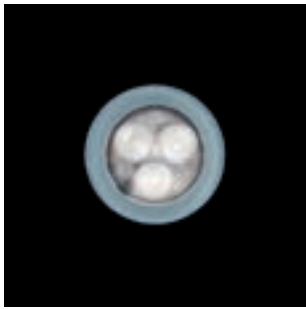
100177120 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 142 ÷ FIXT lm 31
CRI >80

Remote electronic power supply to be ordered



Tapioca Power LED / Ø 70mm - Transparent Glass - Narrow Beam 10°



1007312 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 350
CRI >70

Remote electronic power supply to be ordered

10017212 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 298
CRI >80

Remote electronic power supply to be ordered

1005612 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 270
CRI >80

Remote electronic power supply to be ordered

10017812 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 ≠ FIXT lm 411
CRI >70

Remote electronic power supply to be ordered

10018012 A A+ A++

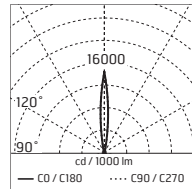
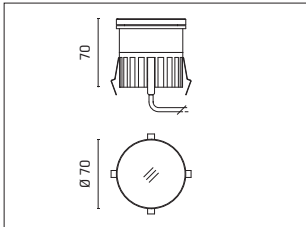
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 ≠ FIXT lm 350
CRI >80

Remote electronic power supply to be ordered

10017912 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 ≠ FIXT lm 317
CRI >80

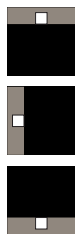
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	200	122
4.00	313	191
3.00	556	340
2.00	1251	765
1.00	5005	3059

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

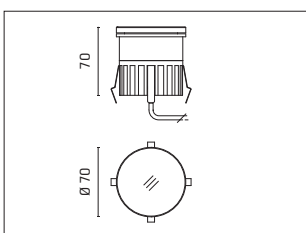
Tapioca RGB Power LED / Ø 70mm - Transparent Glass - Narrow Beam 10°



10017412 A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply to be ordered

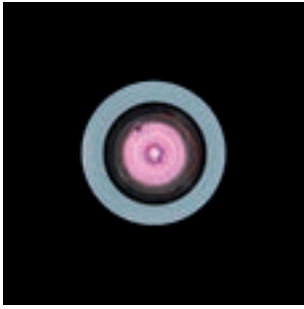


Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

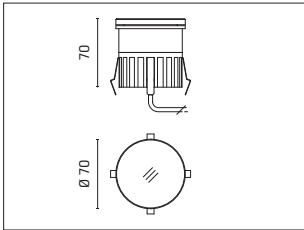
» See Page 630
Wiring Diagram n.5

Tapioca RGB Power LED / Ø 70mm - Transparent Glass - Medium Beam 35°

**10017440** A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply
to be ordered



Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

» See Page 630
Wiring Diagram n.5

Tapioca Power LED / Ø 70mm - Transparent Glass - Wide Beam 50°

**1007340** A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 = FIXT lm 290
CRI >70

Remote electronic power supply
to be ordered

10017240 A A+ A++

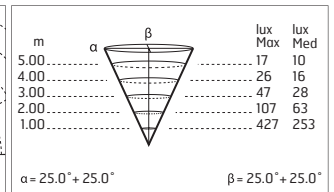
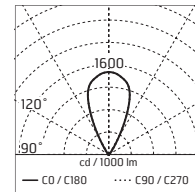
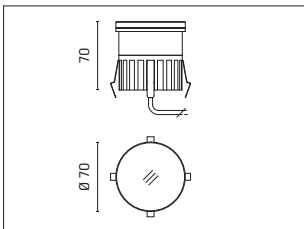
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 = FIXT lm 247
CRI >80

Remote electronic power supply
to be ordered

1005640 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 = FIXT lm 223
CRI >80

Remote electronic power supply
to be ordered

**10017840** A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 = FIXT lm 340
CRI >70

Remote electronic power supply
to be ordered

10018040 A A+ A++

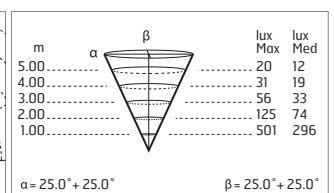
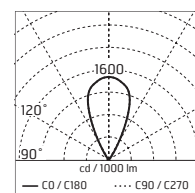
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 = FIXT lm 290
CRI >80

Remote electronic power supply
to be ordered

10017940 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 = FIXT lm 262
CRI >80

Remote electronic power supply
to be ordered



Tapioca Power LED / Ø 70mm - Sandblasted Glass



10073122 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 163
CRI >70

Remote electronic power supply to be ordered

100172122 A A+ A++

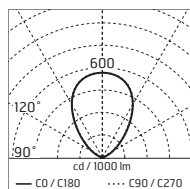
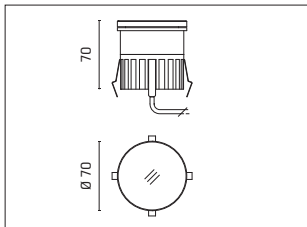
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 139
CRI >80

Remote electronic power supply to be ordered

10056122 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 126
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	4	2
4.00	6	3
3.00	10	5
2.00	23	10
1.00	92	41

$\alpha = 39.0^\circ + 39.0^\circ$ $\beta = 39.0^\circ + 39.0^\circ$

100178122 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 ≠ FIXT lm 192
CRI >70

Remote electronic power supply to be ordered

100180122 A A+ A++

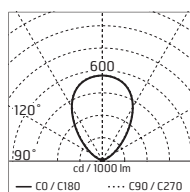
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 ≠ FIXT lm 163
CRI >80

Remote electronic power supply to be ordered

100179122 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 ≠ FIXT lm 147
CRI >80

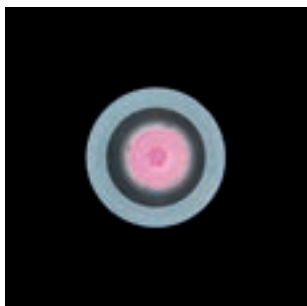
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	4	2
4.00	7	3
3.00	12	5
2.00	27	12
1.00	109	48

$\alpha = 39.0^\circ + 39.0^\circ$ $\beta = 39.0^\circ + 39.0^\circ$

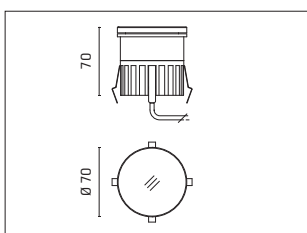
Tapioca RGB Power LED / Ø 70mm - Sandblasted Glass



100174122 A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply to be ordered



Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

» See Page 630
Wiring Diagram n.5

Tapioca Power LED / Ø 90mm - Anodized Aluminium Frame - Transparent Glass - Narrow Beam 10°



10073123 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 350
CRI >70

Remote electronic power supply to be ordered

100172123 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 298
CRI >80

Remote electronic power supply to be ordered

10056123 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 270
CRI >80

Remote electronic power supply to be ordered

100178123 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 ≠ FIXT lm 411
CRI >70

Remote electronic power supply to be ordered

100180123 A A+ A++

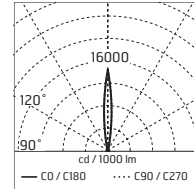
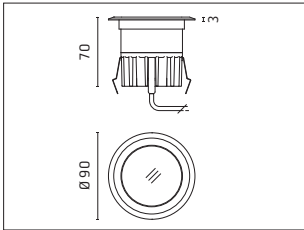
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 ≠ FIXT lm 350
CRI >80

Remote electronic power supply to be ordered

100179123 A A+ A++

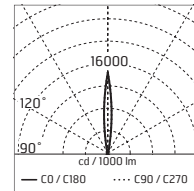
WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 ≠ FIXT lm 317
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	200	122
4.00	313	191
3.00	556	340
2.00	1251	765
1.00	5005	3059

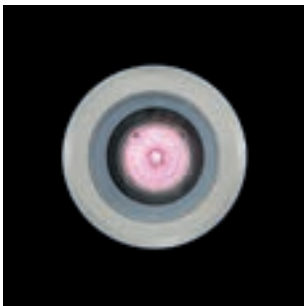
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$



m	lux	
	Max	Med
5.00	235	144
4.00	367	225
3.00	653	399
2.00	1469	898
1.00	5877	3592

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Tapioca RGB Power LED / Ø 90mm - Anodized Aluminium Frame - Transparent Glass - Narrow Beam 10°



100174123 A A+ A++

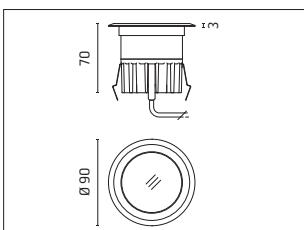
RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply to be ordered

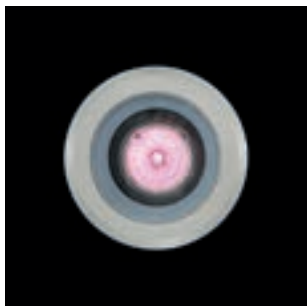
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

>> See Page 630
Wiring Diagram n.5



Tapioca RGB Power LED / Ø 90mm - Anodized Aluminium Frame - Transparent Glass - Medium Beam 35°



10017427 A A+ A++

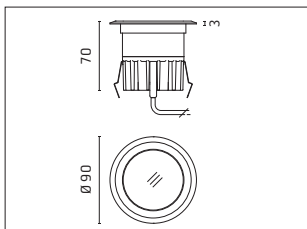
RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply to be ordered

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

» See Page 630
Wiring Diagram n.5



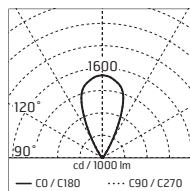
Tapioca Power LED / Ø 90mm - Anodized Aluminium Frame - Transparent Glass - Wide Beam 50°



1007327 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 290
CRI >70

Remote electronic power supply to be ordered



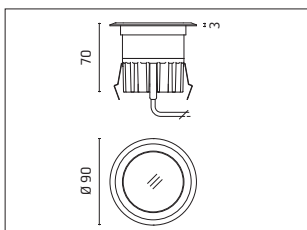
m	α	β	
		lux Max	lux Med
5.00		17	10
4.00		26	16
3.00		47	28
2.00		107	63
1.00		427	253

α = 25.0° + 25.0° β = 25.0° + 25.0°

10017227 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 247
CRI >80

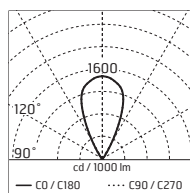
Remote electronic power supply to be ordered



1005627 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 223
CRI >80

Remote electronic power supply to be ordered



m	α	β	
		lux Max	lux Med
5.00		20	12
4.00		31	19
3.00		56	33
2.00		125	74
1.00		501	296

α = 25.0° + 25.0° β = 25.0° + 25.0°

10017827 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 ≠ FIXT lm 340
CRI >70

Remote electronic power supply to be ordered

10018027 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 ≠ FIXT lm 290
CRI >80

Remote electronic power supply to be ordered

10017927 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 ≠ FIXT lm 262
CRI >80

Remote electronic power supply to be ordered

Tapioca Power LED / Ø 90mm - Anodized Aluminium Frame - Sandblasted Glass

**10073121** A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 163
CRI >70

Remote electronic power supply
to be ordered

100172121 A A+ A++

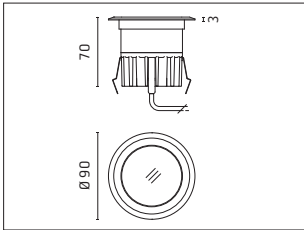
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 139
CRI >80

Remote electronic power supply
to be ordered

10056121 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 126
CRI >80

Remote electronic power supply
to be ordered

**100178121** A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 ≠ FIXT lm 192
CRI >70

Remote electronic power supply
to be ordered

100180121 A A+ A++

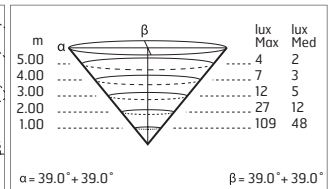
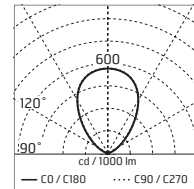
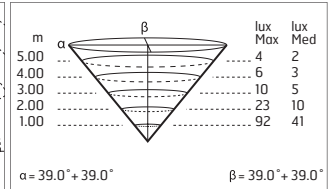
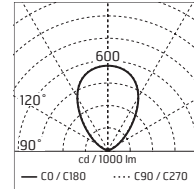
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 ≠ FIXT lm 163
CRI >80

Remote electronic power supply
to be ordered

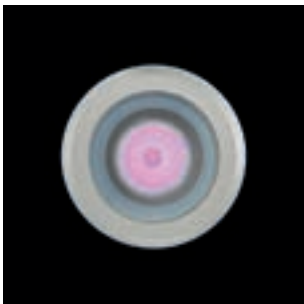
100179121 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 ≠ FIXT lm 147
CRI >80

Remote electronic power supply
to be ordered

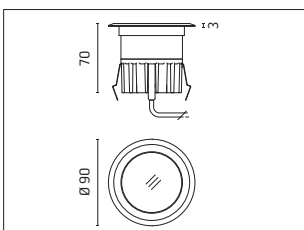


Tapioca RGB Power LED / Ø 90mm - Sandblasted Glass

**100174121** A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply
to be ordered

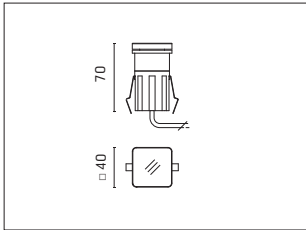
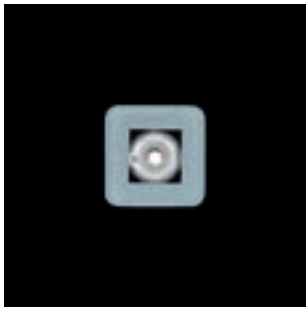


Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

>> See Page 630
Wiring Diagram n.5

Tapioca Power LED / 40x40mm - Transparent Glass - Narrow Beam 10°



10088133 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ≠ FIXT lm 100
CRI >70

Remote electronic power supply to be ordered

100163133 A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ≠ FIXT lm 86
CRI >80

Remote electronic power supply to be ordered

10089133 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ≠ FIXT lm 80
CRI >80

Remote electronic power supply to be ordered

100175133 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 178 ≠ FIXT lm 126
CRI >70

Remote electronic power supply to be ordered

100177133 A A+ A++

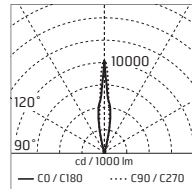
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 153 ≠ FIXT lm 108
CRI >80

Remote electronic power supply to be ordered

100176133 A A+ A++

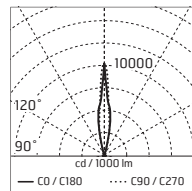
WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 142 ≠ FIXT lm 101
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	41	23
4.00	23	36
3.00	113	64
2.00	255	143
1.00	1020	573

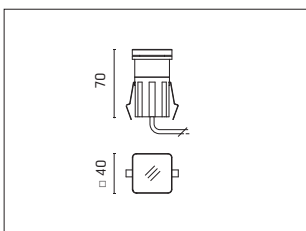
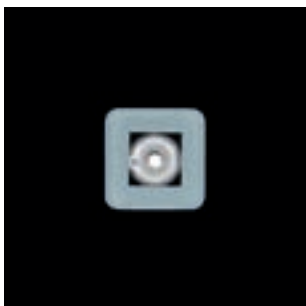
$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$



m	lux	
	Max	Med
5.00	51	29
4.00	80	45
3.00	143	80
2.00	321	181
1.00	1285	722

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$

Tapioca Power LED / 40x40 mm -Transparent Glass - Medium Beam 30°



1008841 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ≠ FIXT lm 91
CRI >70

Remote electronic power supply to be ordered

10016341 A A+ A++

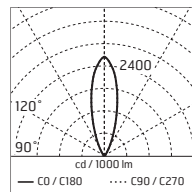
NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ≠ FIXT lm 78
CRI >80

Remote electronic power supply to be ordered

1008941 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ≠ FIXT lm 73
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	10	6
4.00	15	9
3.00	27	16
2.00	60	36
1.00	241	145

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

10017541 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 178 ÷ FIXT lm 115
CRI >70

Remote electronic power supply to be ordered

10017741 A A+ A++

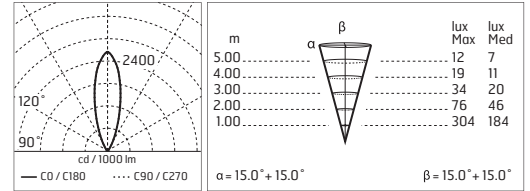
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 153 ÷ FIXT lm 98
CRI >80

Remote electronic power supply to be ordered

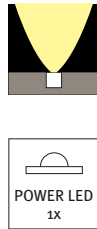
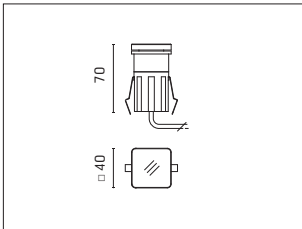
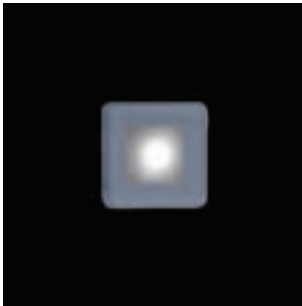
10017641 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 142 ÷ FIXT lm 92
CRI >80

Remote electronic power supply to be ordered



Tapioca Power LED / 40x40mm - Sandblasted Glass



10088124 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ÷ FIXT lm 31
CRI >70

Remote electronic power supply to be ordered

100163124 A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ÷ FIXT lm 27
CRI >80

Remote electronic power supply to be ordered

10089124 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ÷ FIXT lm 25
CRI >80

Remote electronic power supply to be ordered

100175124 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 178 ÷ FIXT lm 39
CRI >70

Remote electronic power supply to be ordered

100177124 A A+ A++

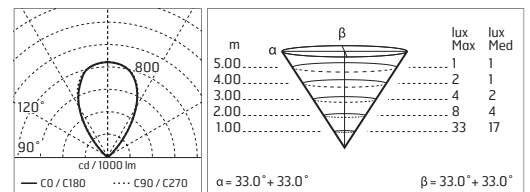
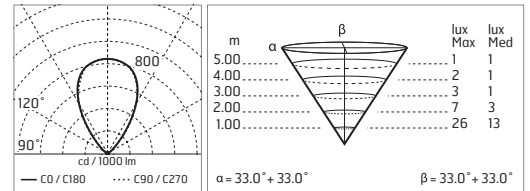
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 153 ÷ FIXT lm 34
CRI >80

Remote electronic power supply to be ordered

100176124 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 142 ÷ FIXT lm 31
CRI >80

Remote electronic power supply to be ordered



Tapioca Power LED / 70x70mm - Transparent Glass - Narrow Beam 10°



10073132 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 350
CRI >70

Remote electronic power supply to be ordered

100172132 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 298
CRI >80

Remote electronic power supply to be ordered

10056132 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 270
CRI >80

Remote electronic power supply to be ordered

100178132 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 ≠ FIXT lm 411
CRI >70

Remote electronic power supply to be ordered

100180132 A A+ A++

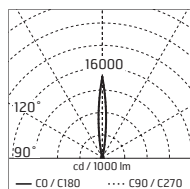
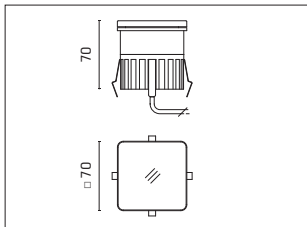
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 ≠ FIXT lm 350
CRI >80

Remote electronic power supply to be ordered

100179132 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 ≠ FIXT lm 317
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	200	122
4.00	313	191
3.00	556	340
2.00	1251	765
1.00	5005	3059

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

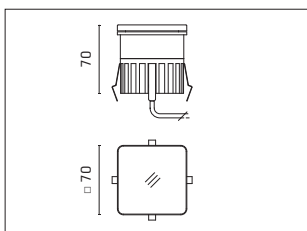
Tapioca RGB Power LED / 70x70mm - Transparent Glass - Narrow Beam 10°



100174132 A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply to be ordered

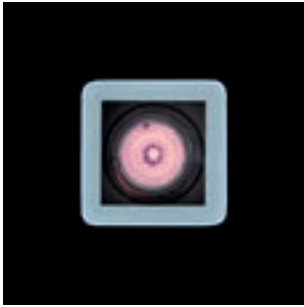


Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

» See Page 630
Wiring Diagram n.5

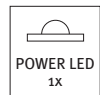
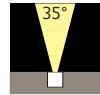
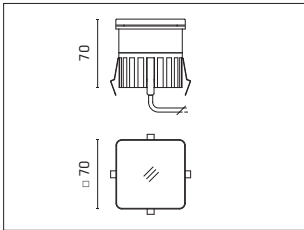
Tapioca Power LED / 70x70mm - Transparent Glass - Medium Beam 35°



10017441 A A+ A++
 RGB
 POWER LED
 3W/3CHx350mA
 Total power 3,2W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 10 luminaires TAPIOCA LED RGB
 for each code 141

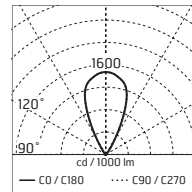
» See Page 630
 Wiring Diagram n.5



Tapioca Power LED / 70x70mm - Transparent Glass - Wide Beam 50°



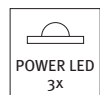
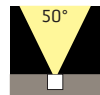
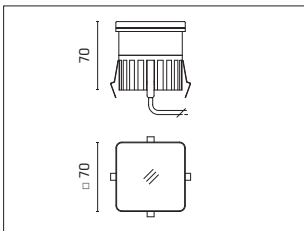
1007341 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 404 = FIXT lm 290
 CRI >70
 Remote electronic power supply
 to be ordered



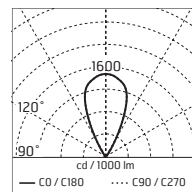
m	α	β	lux Max	lux Med
5.00			17	10
4.00			26	16
3.00			47	28
2.00			107	63
1.00			427	253

α = 25.0° + 25.0° β = 25.0° + 25.0°

10017241 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 344 = FIXT lm 247
 CRI >80
 Remote electronic power supply
 to be ordered



1005641 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 311 = FIXT lm 223
 CRI >80
 Remote electronic power supply
 to be ordered



m	α	β	lux Max	lux Med
5.00			20	12
4.00			31	19
3.00			56	33
2.00			125	74
1.00			501	296

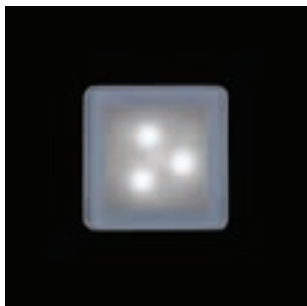
α = 25.0° + 25.0° β = 25.0° + 25.0°

10017841 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 3x2W/24Vdc
 Total power 5,9W
 LED lm 545 = FIXT lm 340
 CRI >70
 Remote electronic power supply
 to be ordered

10018041 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 3x2W/24Vdc
 Total power 5,9W
 LED lm 454 = FIXT lm 290
 CRI >80
 Remote electronic power supply
 to be ordered

10017941 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 3x2W/24Vdc
 Total power 5,9W
 LED lm 419 = FIXT lm 262
 CRI >80
 Remote electronic power supply
 to be ordered

Tapioca Power LED / 70x70mm - Sandblasted Glass



10073125 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 163
CRI >70

Remote electronic power supply to be ordered

100172125 A A+ A++

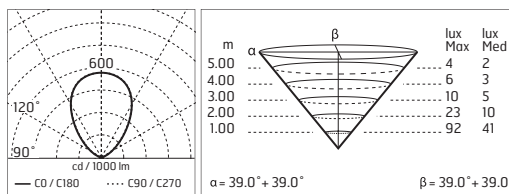
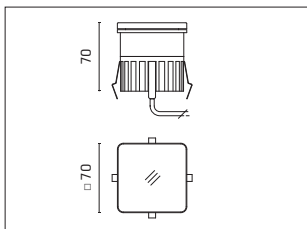
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 139
CRI >80

Remote electronic power supply to be ordered

10056125 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 126
CRI >80

Remote electronic power supply to be ordered



100178125 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 ≠ FIXT lm 192
CRI >70

Remote electronic power supply to be ordered

100180125 A A+ A++

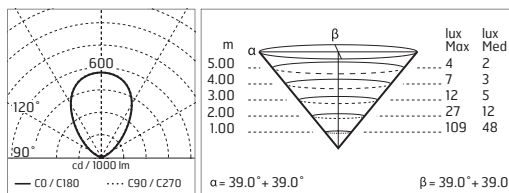
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 454 ≠ FIXT lm 163
CRI >80

Remote electronic power supply to be ordered

100179125 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 ≠ FIXT lm 147
CRI >80

Remote electronic power supply to be ordered



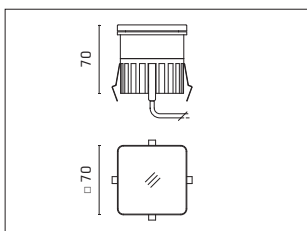
Tapioca RGB Power LED / 70x70mm - Sandblasted Glass



100174125 A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply to be ordered



Wiring diagram and installation scheme RGB

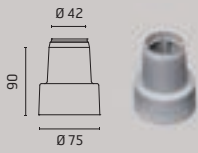
Max 10 luminaires TAPIOCA LED RGB for each code 141

» See Page 630
Wiring Diagram n.5



Accessories: Tapioca LED

98
BOX FOR INSTALLATION
Ø 75 H 90mm



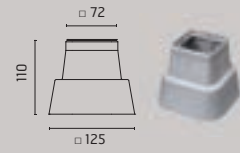
99
BOX FOR INSTALLATION
75 x 75 H 90mm



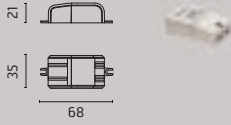
101
BOX FOR INSTALLATION
Ø 130 H 110mm



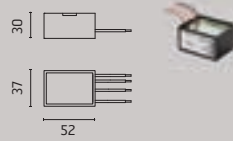
102
BOX FOR INSTALLATION
125 x 125 H 110mm



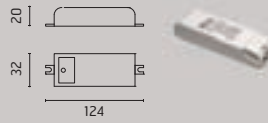
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



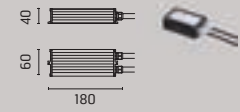
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



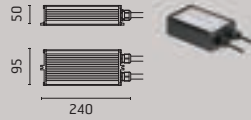
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



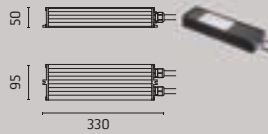
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



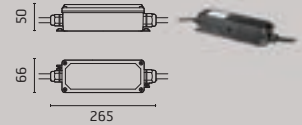
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



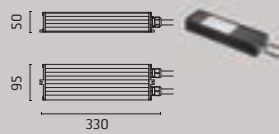
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



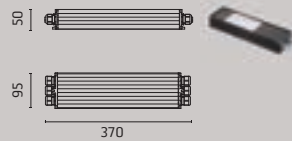
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



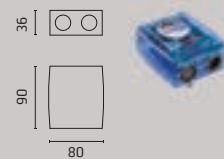
141
POWER SUPPLY with DMX INTERFACE for RGB
fixtures 36W/220÷240V-3Chx350mA
(3Chx10x1W) DMX control allowed
IP67 CLASS I SELV EQ.



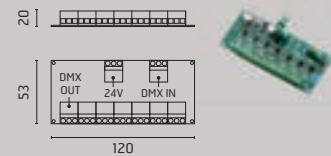
142
DMX CONTROLLER; dimmer switch for
recessed box (60mm hole centre)



143
DMX CONTROLLER; stand-alone/PC interface



187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT AND 7
OUTPUT. 12÷24Vdc POWER SUPPLY TO BE
ORDERED (87 OR 175 RECOMMENDED)



186
DMX CABLE - SHIELDED TWISTED PAIR WITH
110 Ohm CONSTANT IMPEDANCE.



Cassiopea





Cassiopea

Cassiopea LED

Design by Ares Concept

IP67

- Recessed luminaire for outdoor installation in the ground where recessing depth are limited (up to 120mm)
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content) in round and square version.
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection Rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with M20 plastic cable gland and a piece of cable for an easy-to-make connection. RGB version: wiring through two M20 plastic cable glands (ø13mm). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP

EU Regulation 874/2012 - Illumination equipment energy classes

- LED VERSION:**
Class A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced
- METAL HALIDE VERSION:**
Class A+
HIT-TC-CE/G8,5



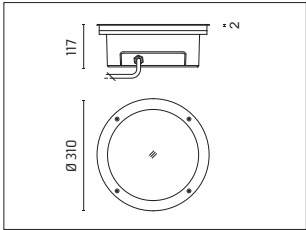
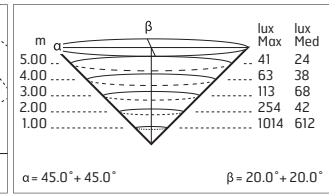
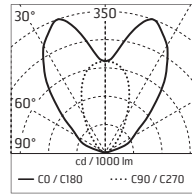
o. Inox

- | | |
|--|---|
| Recessed ground fitting
Do not install in hollow areas | Installation requires a 30cm water drainage layer (gravel) |
| Do not install in hollow areas | Pre-wired with approx 250mm of cable |
| Protection against water ingress from the cable (not for RGB versions) | Static load: 2000Kg walk over (round version) |
| Drive over | Static load: 3000Kg walk over (square version) |
| Protection against impact.
IK 09 - 10,00 joule | Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation
Glass surface temperature $\le 70^{\circ}\text{C}$ for LED source |

Cassiopea / Round Version - Symmetric Optic



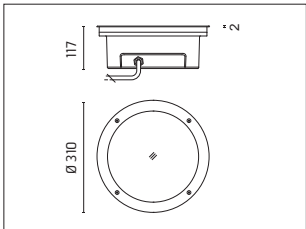
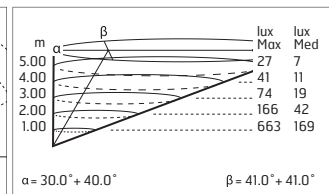
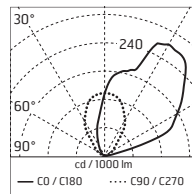
756713 A+
 HIT-TC-CE 35W G8,5
 T 78°C



Cassiopea / Round Version - Asymmetric Optic



756714 A+
 HIT-TC-CE 35W G8,5
 T 78°C



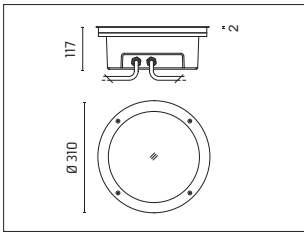
Cassiopea RGB Power LED / Round Version - Narrow Beam 10°



7518512 A A+ A++
 RGB
 POWER LEDs
 10x3W/230V with DMX interface
 Total power 40W
 Electronic power supply included

Wiring diagram and installation scheme RGB

» See Page 631
 Wiring Diagram n.8



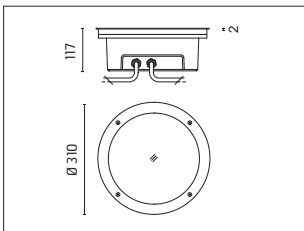
Cassiopea RGB Power LED / Round Version - Medium Beam 35°



7518513 A A+ A++
 RGB
 POWER LEDs
 10x3W/230V with DMX interface
 Total power 40W
 Electronic power supply included

Wiring diagram and installation scheme RGB

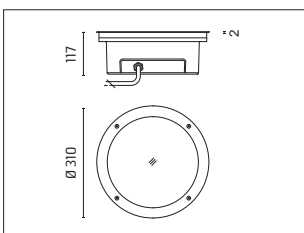
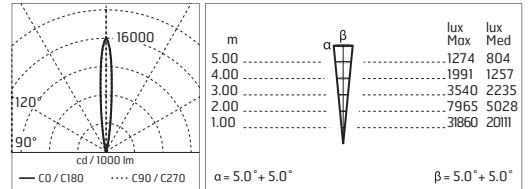
» See Page 631
 Wiring Diagram n.8



Cassiopea Power LED / Round Version - Narrow Beam 10°



7511212 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 10x3W/110-240V
 Total power 28W
 LED lm 2572 ≠ FIXT lm 1962
 CRI >70
 Electronic power supply included
 ..||| Dimmable on request



7518412 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 10x3W/110-240V
 Total power 28W
 LED lm 2331 ≠ FIXT lm 1779
 CRI >80
 Electronic power supply included
 ..||| Dimmable on request

7511312 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 10x3W/110-240V
 Total power 28W
 LED lm 2183 ≠ FIXT lm 1666
 CRI >80
 Electronic power supply included
 ..||| Dimmable on request

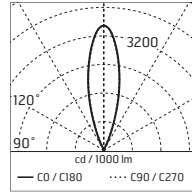
Cassiopea Power LED / Round Version - Medium Beam 30°



7511213 A A+ A++

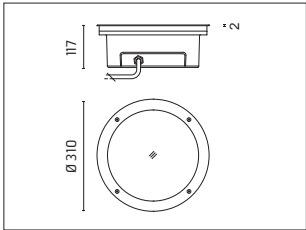
COOL WHITE 6000K
POWER LEDs
10x3W/110=240V
Total power 28W
LED lm 2572 ≠ FIXT lm 1857
CRI >70

Electronic power supply included
..||| Dimmable on request



m	lux	
	Max	Med
5.00	261	157
4.00	408	245
3.00	726	436
2.00	1633	981
1.00	6533	3925

α = 15.0° + 15.0° β = 15.0° + 15.0°



7518413 A A+ A++

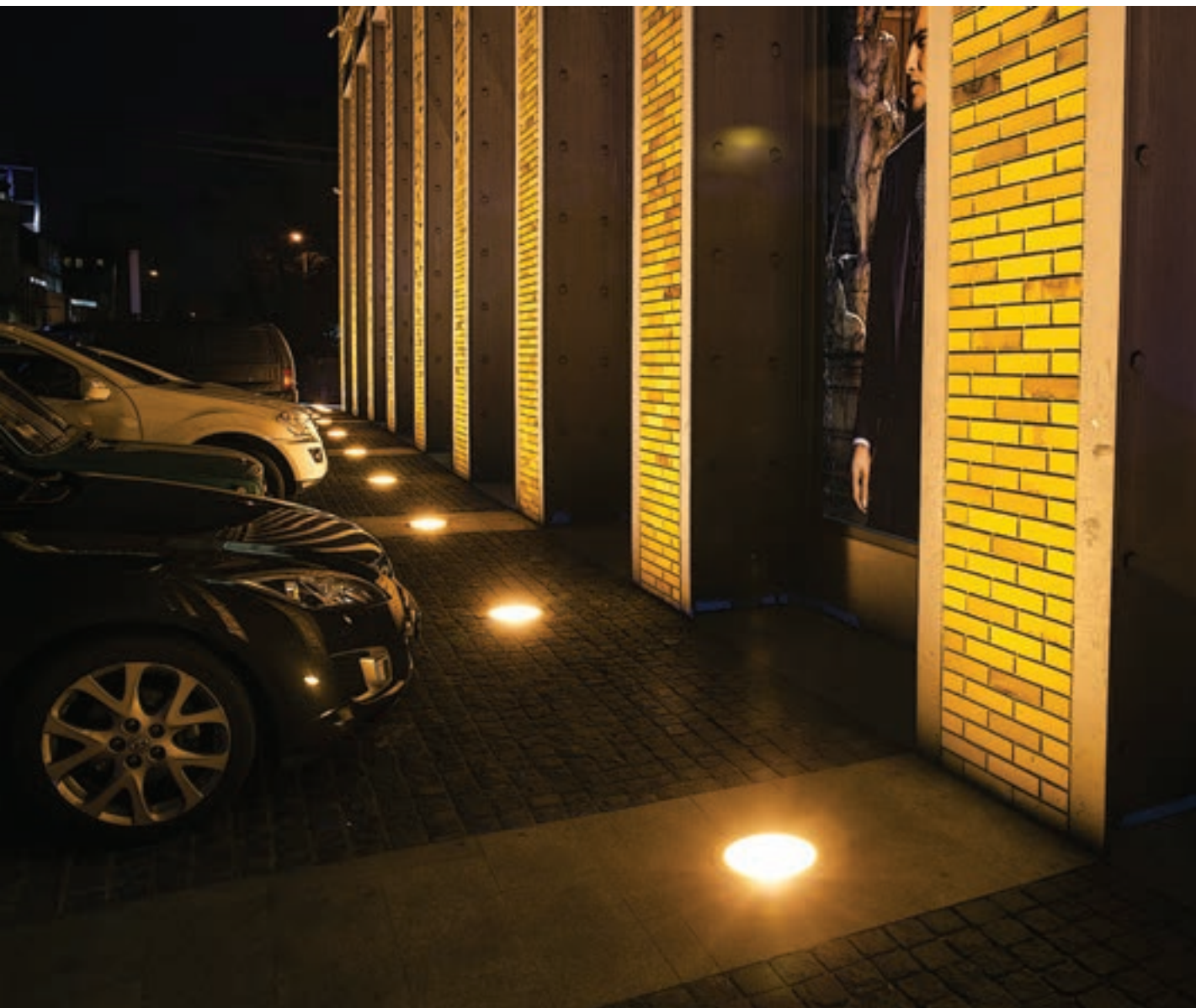
NATURAL WHITE 4000K
POWER LEDs
10x3W/110=240V
Total power 28W
LED lm 2331 ≠ FIXT lm 1684
CRI >80

Electronic power supply included
..||| Dimmable on request

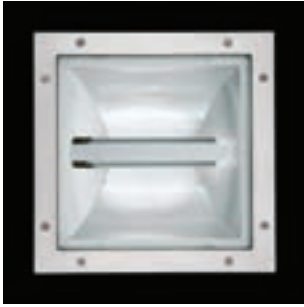
7511313 A A+ A++

WARM WHITE 3000K
POWER LEDs
10x3W/110=240V
Total power 28W
LED lm 2183 ≠ FIXT lm 1577
CRI >80

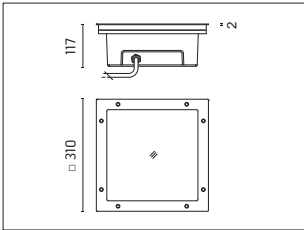
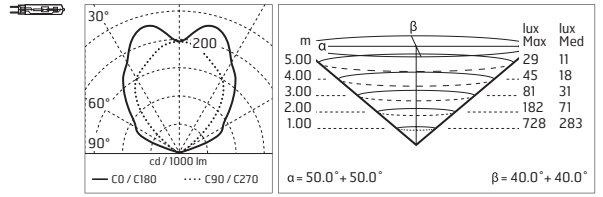
Electronic power supply included
..||| Dimmable on request



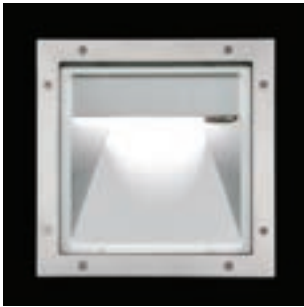
Cassiopea / Square Version - Symmetric Optic



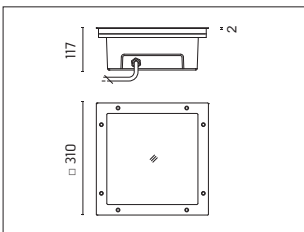
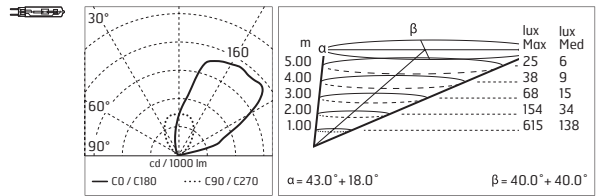
766713 A+
 HIT-TC-CE 35W G8,5
 T 78°C



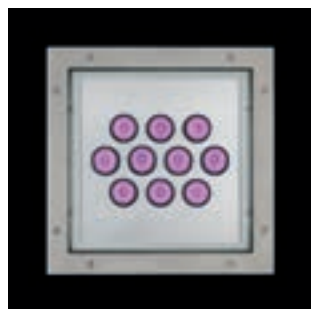
Cassiopea / Square Version - Asymmetric Optic



766714 A+
 HIT-TC-CE 35W G8,5
 T 78°C



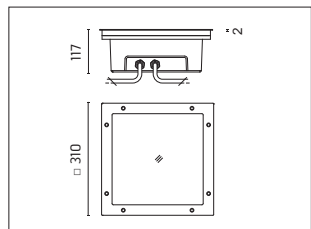
Cassiopea RGB Power LED / Square Version - Narrow Beam 10°



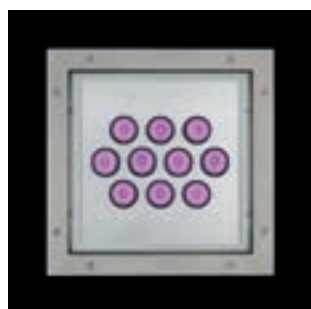
7618512 **A A+ A++**
 RGB
 POWER LEDs
 10x3W/230V with DMX interface
 Total power 40W
 Electronic power supply included

Wiring diagram and installation scheme RGB

» See Page 631
 Wiring Diagram n.8



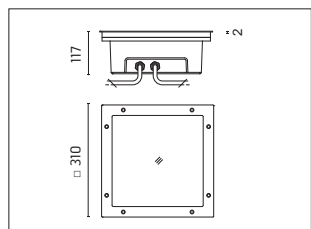
Cassiopea RGB Power LED / Square Version - Medium Beam 35°



7618513 **A A+ A++**
 RGB
 POWER LEDs
 10x3W/230V with DMX interface
 Total power 40W
 Electronic power supply included

Wiring diagram and installation scheme RGB

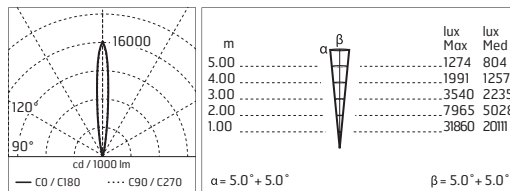
» See Page 631
 Wiring Diagram n.8



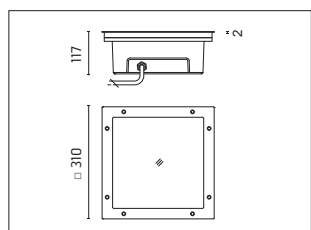
Cassiopea Power LED / Square Version - Narrow Beam 10°



7611212 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 10x3W/110÷240V
 Total power 28W
 LED lm 2572 ≠ FIXT lm 1962
 CRI >70
 Electronic power supply included
 ...||| Dimmable on request



7618412 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 10x3W/110÷240V
 Total power 28W
 LED lm 2331 ≠ FIXT lm 1779
 CRI >80
 Electronic power supply included
 ...||| Dimmable on request



7611312 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 10x3W/110÷240V
 Total power 28W
 LED lm 2183 ≠ FIXT lm 1666
 CRI >80
 Electronic power supply included
 ...||| Dimmable on request

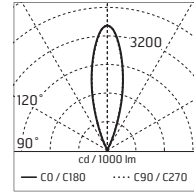
Cassiopea Power LED / Square Version - Medium Beam 30°



7611213 A A+ A++

COOL WHITE 6000K
 POWER LEDs
 10x3W/110=240V
 Total power 28W
 LED lm 2972 ≠ FIXT lm 1857
 CRI >70

Electronic power supply included
 ..||| Dimmable on request



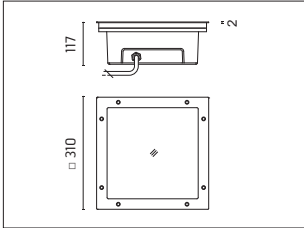
m	lux	
	Max	Med
5.00	261	157
4.00	408	245
3.00	726	436
2.00	1633	981
1.00	6533	3925

α = 15.0° + 15.0° β = 15.0° + 15.0°

7618413 A A+ A++

NATURAL WHITE 4000K
 POWER LEDs
 10x3W/110=240V
 Total power 28W
 LED lm 2331 ≠ FIXT lm 1684
 CRI >80

Electronic power supply included
 ..||| Dimmable on request



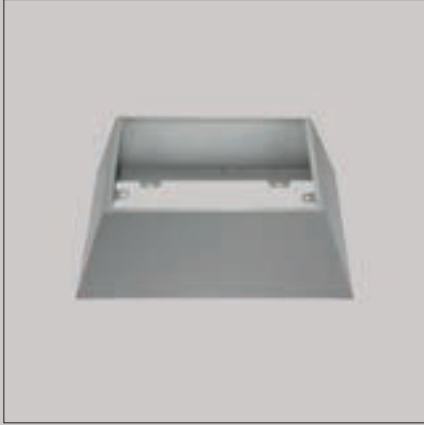
7611313 A A+ A++

WARM WHITE 3000K
 POWER LEDs
 10x3W/110=240V
 Total power 28W
 LED lm 2183 ≠ FIXT lm 1577
 CRI >80

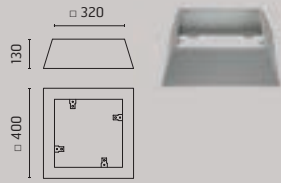
Electronic power supply included
 ..||| Dimmable on request



Accessories: Cassiopea - Cassiopea LED

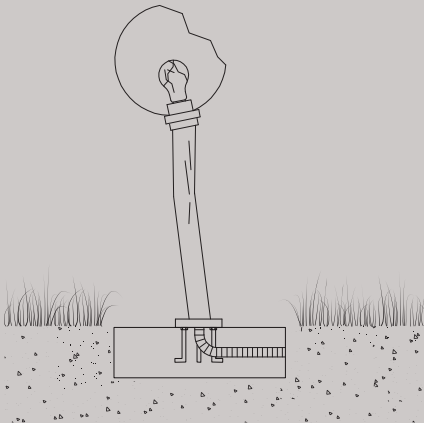


91
BOX FOR INSTALLATION ON SURFACE
400 x 400 H 130mm



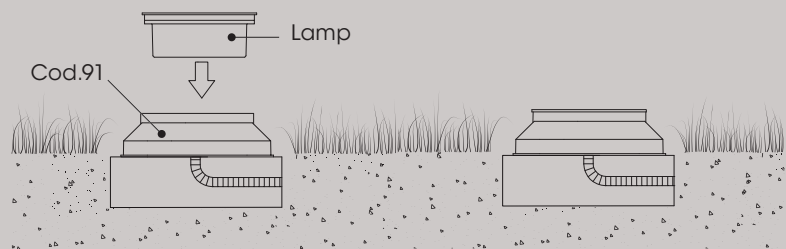
Existing installation

Bollard fixed on plinth + plug



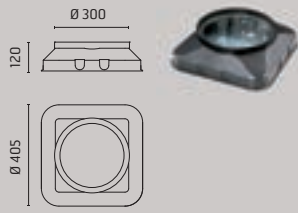
New installation

Retrofit with uplighters without need to recess them



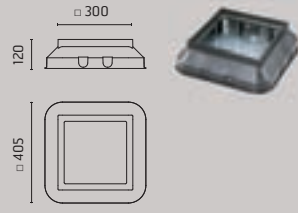
73

BOX FOR INSTALLATION
405 x 405 H 120mm



74

BOX FOR INSTALLATION
405 x 405 H 120mm



215

3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



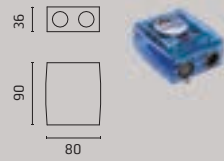
142

DMX CONTROLLER; dimmer switch for
recessed box (60mm hole centres)



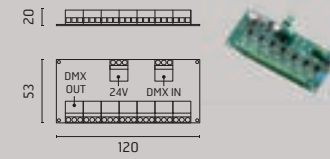
143

DMX CONTROLLER; stand-alone/PC interface



187

DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT AND 7
OUTPUT. 12÷24Vdc POWER SUPPLY TO BE
ORDERED (87 OR 175 RECOMMENDED)



186

DMX CABLE - SHIELDED TWISTED PAIR WITH
110 Ohm CONSTANT IMPEDANCE.



237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	91	73	74	215	142	143	187	186	237
prod. code ▼									
756713		•		•					
756714		•		•					
766713	•		•	•					
766714	•		•	•					
7511212		•		•					•
7511213		•		•					•
7511312		•		•					•
7511313		•		•					•
7518412		•		•					•
7518413		•		•					•
7518512		•			•	•	•	•	•
7518513		•			•	•	•	•	•
7611212	•		•	•					•
7611213	•		•	•					•
7611312	•		•	•					•
7611313	•		•	•					•
7618412	•		•	•					•
7618413	•		•	•					•
7618512	•		•		•	•	•	•	•
7618513	•		•		•	•	•	•	•

Cielo





Cielo

Cielo LED

Design by Ares Concept

IP67

- Recessed linear luminaire for outdoor/indoor installation in ground or ceiling.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Die-cast double closing end on each side allowing easy and safe maintenance, moulded silicone gasket, 8mm thick tempered transparent or sandblasted glass with silkscreen border mechanically fixed to the body by a silicone adhesive. Electrical components are installed on a removable frame.
- Protection Rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: fluorescent lamp: II; LED module: I; RGB: II
- Installation: wiring through two plastic M20 cable glands (5\times13mm cables) placed on one of the two closing ends where a plastic box allows connection to the removable electric module. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.

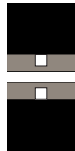
EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	FLUORESCENT VERSION: Class A+ T16/G5

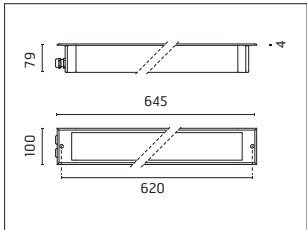
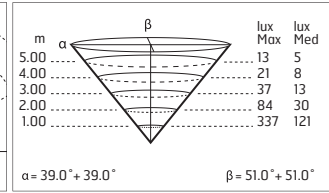
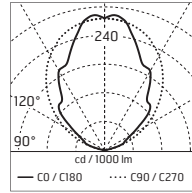
2. Aluminium

	Recessed ground fitting		Ceiling recessed installation (for L 645 and L 1245 version only)
	Do not install in hollow areas		Installation requires a 20cm water drainage layer (gravel)
	The fitting is equipped with 2 cable input.		Version RGB: Pre-wired with approx 200mm of cable
	Static load: 1500Kg walk over		Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation Glass surface temperature 70°C for LED source
	Protection against impact. IK 09 - 10,00 joule		

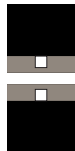
Cielo / L 645 mm - Transparent Glass - Symmetric Optic



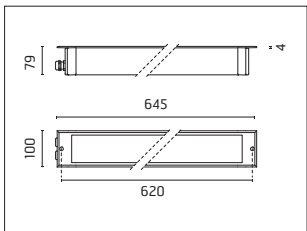
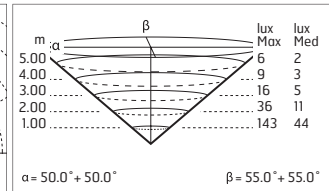
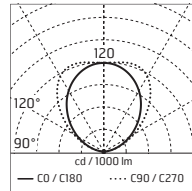
944213
 T16 14W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



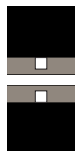
Cielo / L 645 mm - Sandblasted Glass - Symmetric Optic



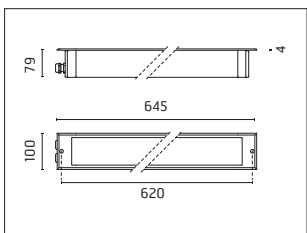
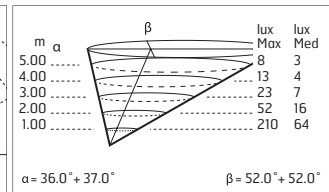
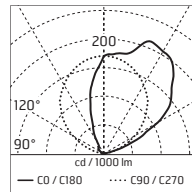
944257
 T16 14W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



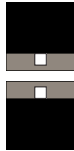
Cielo / L 645 mm - Transparent Glass - Asymmetric Optic



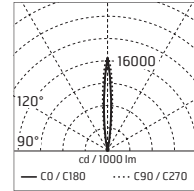
944214
 T16 14W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°

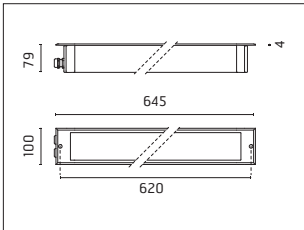


948212 **COOL WHITE 6000K**
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1560 ≠ FIXT lm 1176
 CRI >70
 Electronic power supply included



m	lux	
	Max	Med
5.00	778	518
4.00	1215	809
3.00	2160	1438
2.00	4860	3236
1.00	19441	12946

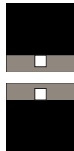
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$



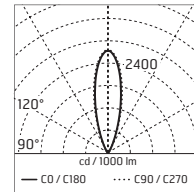
9418612 **NATURAL WHITE 4000K**
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1344 ≠ FIXT lm 1013
 CRI >80
 Electronic power supply included

948312 **WARM WHITE 3000K**
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1248 ≠ FIXT lm 941
 CRI >80
 Electronic power supply included

Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Medium Beam 30°

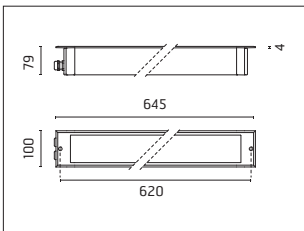


948213 **COOL WHITE 6000K**
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1560 ≠ FIXT lm 1239
 CRI >70
 Electronic power supply included



m	lux	
	Max	Med
5.00	136	84
4.00	213	131
3.00	378	232
2.00	851	522
1.00	3403	2090

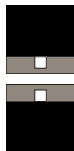
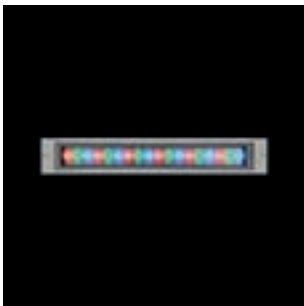
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



9418613 **NATURAL WHITE 4000K**
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1344 ≠ FIXT lm 1067
 CRI >80
 Electronic power supply included

948313 **WARM WHITE 3000K**
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1248 ≠ FIXT lm 991
 CRI >80
 Electronic power supply included

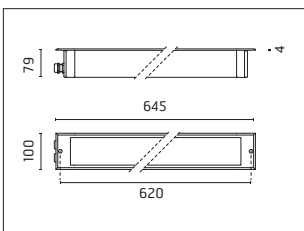
Cielo RGB Power LED / L 645 mm - Sandblasted Glass



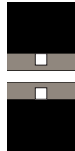
9418713 **RGB**
 POWER LEDs
 6x3x1W/220÷240V with DMX interface
 Total power 26W
 Electronic power supply included

Wiring diagram and installation scheme RGB

>> See Page 631
 Wiring Diagram n.8



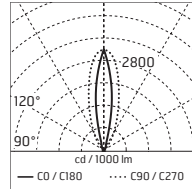
Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Elliptical Beam



9482131

COOL WHITE 6000K
POWER LEDs
12x1W/220÷240V
Total power 16W
LED lm 1560 ≠ FIXT lm 1194
CRI >70

Electronic power supply included



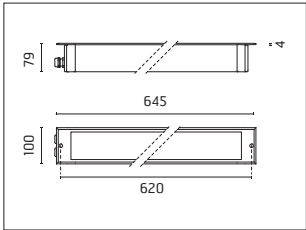
m	lux	
	Max	Med
5.00	150	89
4.00	235	139
3.00	417	247
2.00	939	555
1.00	3756	2221

$\alpha = 9.0^\circ + 9.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$

94186131

NATURAL WHITE 4000K
POWER LEDs
12x1W/220÷240V
Total power 16W
LED lm 1344 ≠ FIXT lm 1028
CRI >80

Electronic power supply included



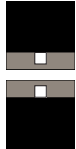
9483131

WARM WHITE 3000K
POWER LEDs
12x1W/220÷240V
Total power 16W
LED lm 1248 ≠ FIXT lm 955
CRI >80

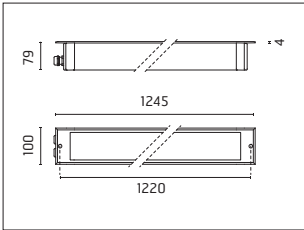
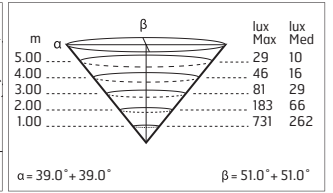
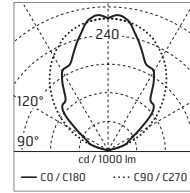
Electronic power supply included



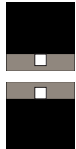
Cielo / L 1245 mm - Transparent Glass - Symmetric Optic



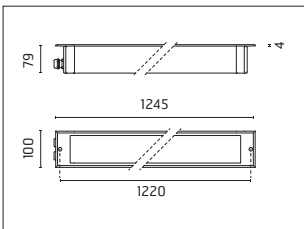
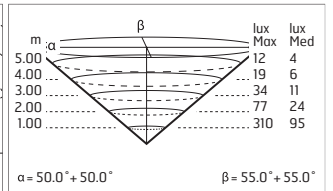
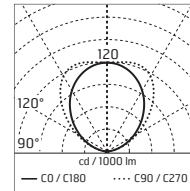
944813
 T16 28W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



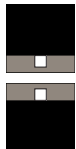
Cielo / L 1245 mm - Sandlasted Glass - Symmetric Optic



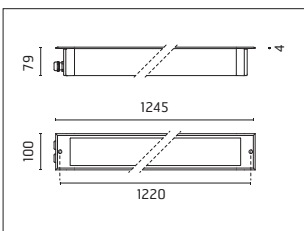
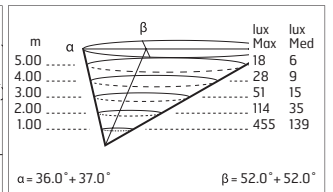
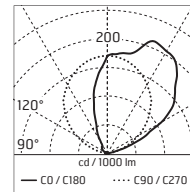
944857
 T16 28W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



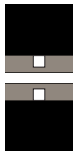
Cielo / L 1245 mm - Transparent Glass - Asymmetric Optic



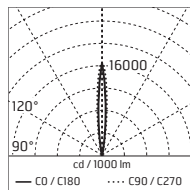
944814
 T16 28W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°



947912
 COOL WHITE 6000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 3120 ≠ FIXT lm 2352
 CRI >70
 Electronic power supply included



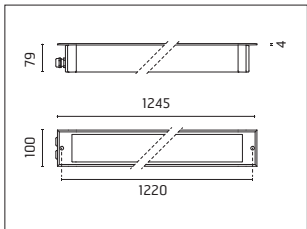
m	lux	
	Max	Med
5.00	1555	1036
4.00	2430	1618
3.00	4320	2877
2.00	9720	6473
1.00	38881	25892

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

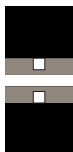
9418812
 NATURAL WHITE 4000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 2688 ≠ FIXT lm 2026
 CRI >80
 Electronic power supply included



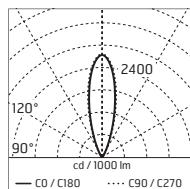
948012
 WARM WHITE 3000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 2496 ≠ FIXT lm 1882
 CRI >80
 Electronic power supply included



Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Medium Beam 30°



947913
 COOL WHITE 6000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 3120 ≠ FIXT lm 2478
 CRI >70
 Electronic power supply included



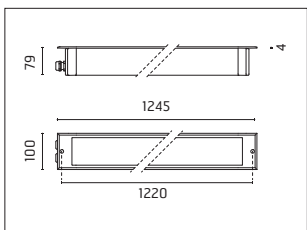
m	lux	
	Max	Med
5.00	272	167
4.00	425	261
3.00	756	464
2.00	1701	1045
1.00	6806	3360

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

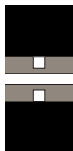
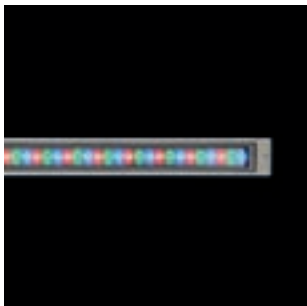
9418813
 NATURAL WHITE 4000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 2688 ≠ FIXT lm 2135
 CRI >80
 Electronic power supply included



948013
 WARM WHITE 3000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 2496 ≠ FIXT lm 1982
 CRI >80
 Electronic power supply included



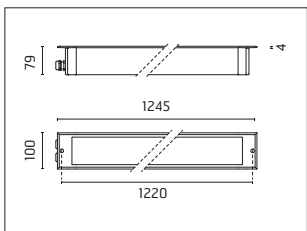
Cielo RGB Power LED / L 1245 mm - Sandblasted Glass



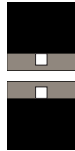
9418913
 RGB
 POWER LEDs
 12x3x1W/220÷240V with DMX interface
 Total power 44W
 Electronic power supply included

Wiring diagram and installation scheme RGB

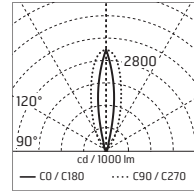
» See Page 631
 Wiring Diagram n.8



Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Elliptical Beam

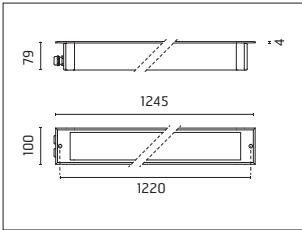


9479131
 COOL WHITE 6000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 3120 ≠ FIXT lm 2387
 CRI >70
 Electronic power supply included



m	lux	
	Max	Med
5.00	300	178
4.00	469	277
3.00	834	493
2.00	1877	1110
1.00	7508	4440

$\alpha = 9.0^\circ + 9.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$



94188131
 NATURAL WHITE 4000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 2688 ≠ FIXT lm 2057
 CRI >80
 Electronic power supply included



9480131
 WARM WHITE 3000K
 POWER LEDs
 24x1W/220÷240V
 Total power 32W
 LED lm 2496 ≠ FIXT lm 1910
 CRI >80
 Electronic power supply included

Symmetric Optic - Transparent Glass



Sandblasted Glass



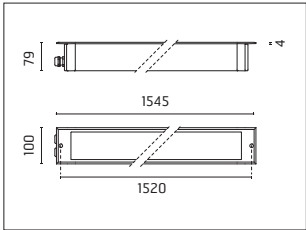
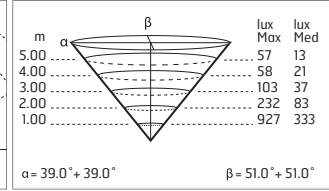
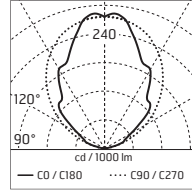
Asymmetric Optic - Transparent Glass



Cielo / L 1545 mm - Transparent Glass - Symmetric Optic



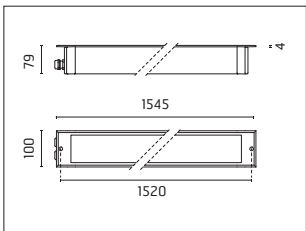
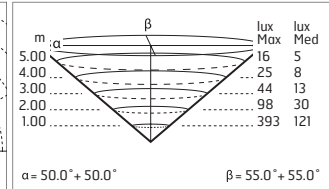
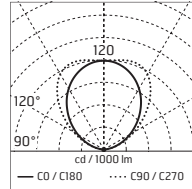
945413
 T16 35W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



Cielo / L 1545 mm - Sandlasted Glass - Symmetric Optic



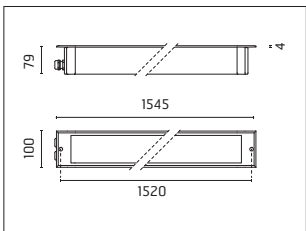
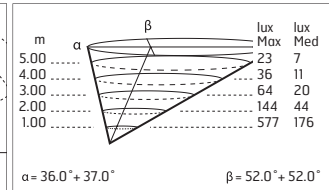
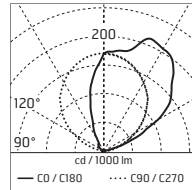
945457
 T16 35W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



Cielo / L 1545 mm - Transparent Glass - Asymmetric Optic



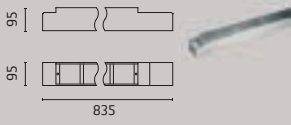
945414
 T16 35W G5
 Electronic ballast
 T 40°C
 ..||| Dimmable ballast on request



Accessories: Cielo Cielo LED

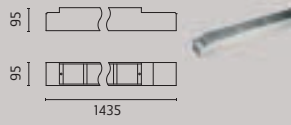
71

BOX FOR INSTALLATION
835 x 95 H 95mm



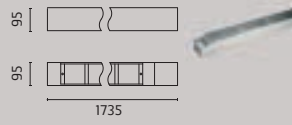
72

BOX FOR INSTALLATION
1435 x 95 H 95mm

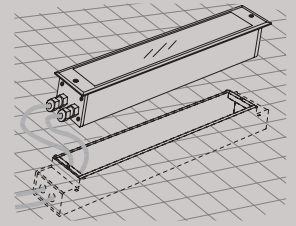


80

BOX FOR INSTALLATION
1735 x 95 H 95mm

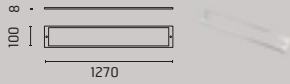


BOX FOR INSTALLATION



82

FRAME FOR RECESSED INSTALLATION IN THE
CEILING. 1270 x 100 x H8mm



81

FRAME FOR RECESSED INSTALLATION IN THE
CEILING. 670 x 100 x H8mm

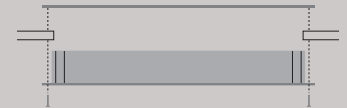


142

DMX CONTROLLER; dimmer switch for
recessed box (60mm hole centres)



Frame for ceiling



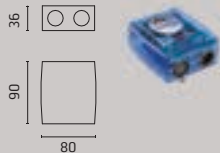
Accessories chart

acc. code ▶	71	72	80	81	82	142	143	187	186	237
prod. code ▼										
944213	•			•						
944214	•			•						
944257	•			•						
944813		•			•					
944814		•			•					
944857		•			•					
945413			•							
945414			•							
945457			•							
947912		•			•					•
947913		•			•					•
948012		•			•					•
948013		•			•					•
948212	•			•						•
948213	•			•						•
948312	•			•						•
948313	•			•						•
9418713	•			•		•	•	•	•	•
9480131		•			•					•
9418612	•			•						•
9418613	•			•						•
9418812		•			•					•
9418813		•			•					•
9418913		•			•	•	•	•	•	•
9479131		•			•					•
9482131	•			•						•
9483131	•			•						•
94186131	•			•						•
94188131		•			•					•



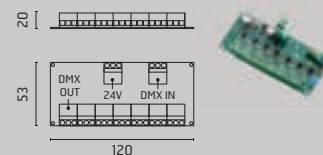
143

DMX CONTROLLER; stand-alone/PC interface



187

DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT AND 7
OUTPUT. 12±24Vdc POWER SUPPLY TO BE
ORDERED (87 OR 175 RECOMMENDED)



186

DMX CABLE - SHIELDED TWISTED PAIR WITH
110 Ohm CONSTANT IMPEDANCE.



237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Anita





Anita LED

Design by Ares Concept

IP67

- Recessed luminaire for outdoor installation in ground, wall and ceiling.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion.
- Opal or transparent polycarbonate diffuser (semispherical or flat) with silicone gasket and anodized aluminium cap or frame.
- Protection Rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Anita is equipped with a piece of bipolar cable (200mm) for an easy-to-make connection. Installation requires a dedicate box to be ordered separately.
- Anita 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Anita is protected against polarity reversal and sudden voltage peak.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



8. Anodized Aluminium



Recessed ground fitting



Do not install in hollow areas



Installation requires a 20cm water drainage layer (gravel)



Protection against water ingress from the cable



Static load: 500Kg walk over



Protection against impact.
IK 09 - 10,00 joule



Recessed wall fitting



Box for recessed installation in concrete ceiling



Pre-wired with approx 200mm of cable



Remote device required

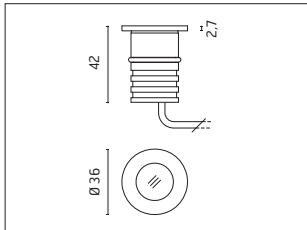


Glass surface temperature 70°C for LED source



Glow wire test: 850°C

Anita Power LED / Aluminium Frame - Opal Diffuser



1148772 A A+ A++

COOL WHITE 6000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 130 = FIXT lm 37
CRI >70

Remote electronic power supply to be ordered
..!!! Acc. 129 or 184

11417172 A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 112 = FIXT lm 32
CRI >80

Remote electronic power supply to be ordered
..!!! Acc. 129 or 184

11414472 A A+ A++

WARM WHITE 3000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 104 = FIXT lm 30
CRI >80

Remote electronic power supply to be ordered
..!!! Acc. 129 or 184

1148872 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 = FIXT lm 37
CRI >70

Remote electronic power supply to be ordered

11416372 A A+ A++

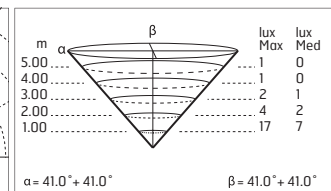
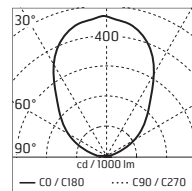
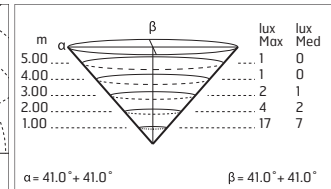
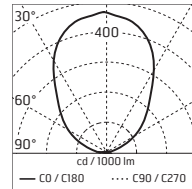
NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 = FIXT lm 32
CRI >80

Remote electronic power supply to be ordered

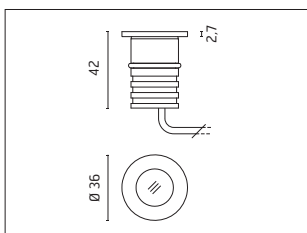
1148972 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 = FIXT lm 30
CRI >80

Remote electronic power supply to be ordered



Anita Power LED / Aluminium Frame - Transparent Glass - Narrow Beam 10°



1148712 A A+ A++

COOL WHITE 6000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 130 = FIXT lm 95
CRI >70

Remote electronic power supply to be ordered
..!!! Acc. 129 or 184

11417112 A A+ A++

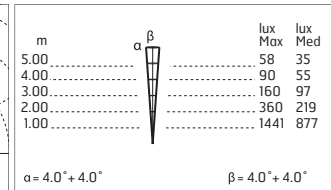
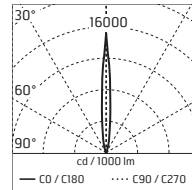
NATURAL WHITE 4000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 112 = FIXT lm 82
CRI >80

Remote electronic power supply to be ordered
..!!! Acc. 129 or 184

11414412 A A+ A++

WARM WHITE 3000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 104 = FIXT lm 76
CRI >80

Remote electronic power supply to be ordered
..!!! Acc. 129 or 184



1148812 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ≠ FIXT lm 95
CRI >70

Remote electronic power supply to be ordered

11416312 A A+ A++

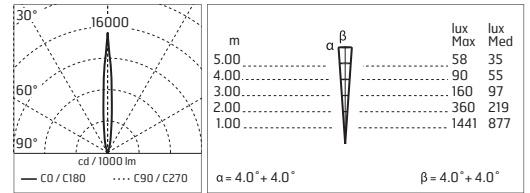
NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ≠ FIXT lm 82
CRI >80

Remote electronic power supply to be ordered

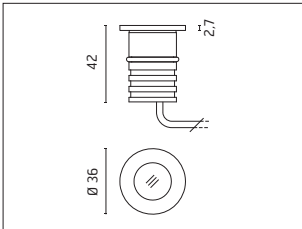
1148912 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ≠ FIXT lm 76
CRI >80

Remote electronic power supply to be ordered



Anita Power LED / Aluminium Frame - Transparent Glass - Medium Beam 30°



1148723 A A+ A++

COOL WHITE 6000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 130 ≠ FIXT lm 89
CRI >70

Remote electronic power supply to be ordered
...!!! Acc. 129 or 184

11417123 A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 112 ≠ FIXT lm 77
CRI >80

Remote electronic power supply to be ordered
...!!! Acc. 129 or 184

11414423 A A+ A++

WARM WHITE 3000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 104 ≠ FIXT lm 72
CRI >80

Remote electronic power supply to be ordered
...!!! Acc. 129 or 184

1148823 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ≠ FIXT lm 89
CRI >70

Remote electronic power supply to be ordered

11416323 A A+ A++

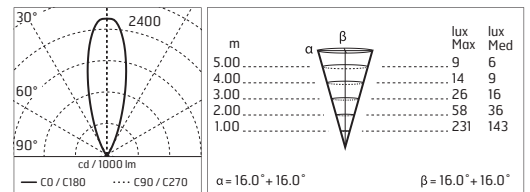
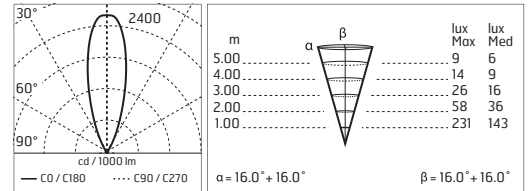
NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ≠ FIXT lm 77
CRI >80

Remote electronic power supply to be ordered

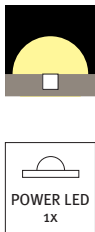
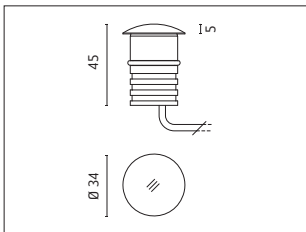
1148923 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ≠ FIXT lm 72
CRI >80

Remote electronic power supply to be ordered



Anita Power LED / Opal Semispherical Diffuser



1148700 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 1W/350mA
 Total power 1,2W
 LED lm 130 ≠ FIXT lm 47
 CRI >70

Remote electronic power supply to be ordered
 ..||| Acc. 129 or 184

11417100 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1W/350mA
 Total power 1,2W
 LED lm 112 ≠ FIXT lm 41
 CRI >80

Remote electronic power supply to be ordered
 ..||| Acc. 129 or 184

11414400 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1W/350mA
 Total power 1,2W
 LED lm 104 ≠ FIXT lm 38
 CRI >80

Remote electronic power supply to be ordered
 ..||| Acc. 129 or 184

1148800 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 1W/12÷24Vdc
 Total power 1,9W
 LED lm 130 ≠ FIXT lm 47
 CRI >70

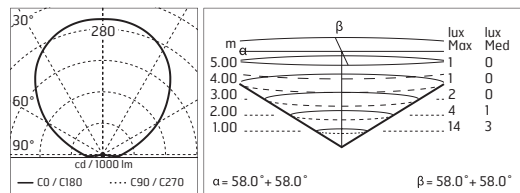
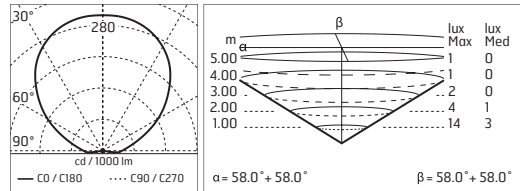
Remote electronic power supply to be ordered

11416300 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1W/12÷24Vdc
 Total power 1,9W
 LED lm 112 ≠ FIXT lm 41
 CRI >80

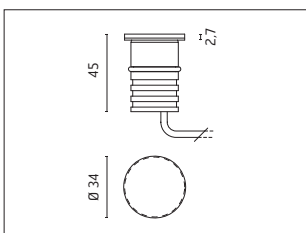
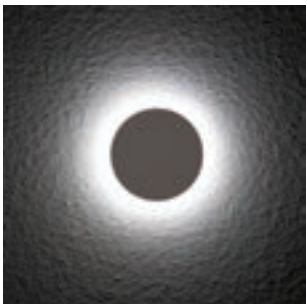
Remote electronic power supply to be ordered

1148900 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1W/12÷24Vdc
 Total power 1,9W
 LED lm 104 ≠ FIXT lm 38
 CRI >80

Remote electronic power supply to be ordered



Anita Power LED / Inox 316L Cap - Side Emission - Transparent Diffuser



1148735 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 1W/350mA
 Total power 1,2W
 LED lm 130 ≠ FIXT lm 6
 CRI >70

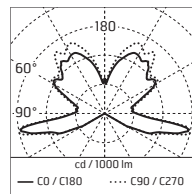
Remote electronic power supply to be ordered
 ..||| Acc. 129 or 184

11417135 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1W/350mA
 Total power 1,2W
 LED lm 112 ≠ FIXT lm 5
 CRI >80

Remote electronic power supply to be ordered
 ..||| Acc. 129 or 184

11414435 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1W/350mA
 Total power 1,2W
 LED lm 104 ≠ FIXT lm 5
 CRI >80

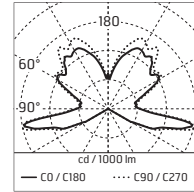
Remote electronic power supply to be ordered
 ..||| Acc. 129 or 184



1148835 A A+ A++

COOL WHITE 6000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 130 ≠ FIXT lm 6
CRI >70

Remote electronic power supply
to be ordered

**11416335** A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 112 ≠ FIXT lm 5
CRI >80

Remote electronic power supply
to be ordered

1148935 A A+ A++

WARM WHITE 3000K
POWER LED
1W/12÷24Vdc
Total power 1,9W
LED lm 104 ≠ FIXT lm 5
CRI >80

Remote electronic power supply
to be ordered

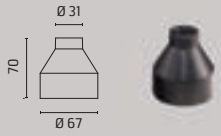




Accessories: Anita LED

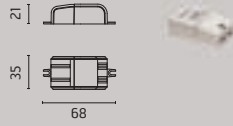
122

BOX FOR INSTALLATION
Ø 67 H 70mm



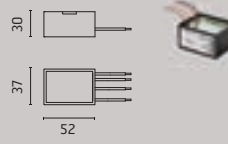
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



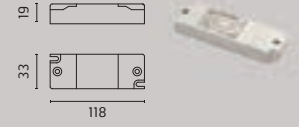
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



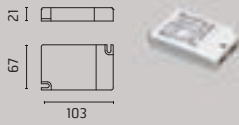
68

POWER SUPPLY 10x1W/100÷265V - Iout 350mA
(7x1W@110V) IP40 CLASS II SELV EQ.



129

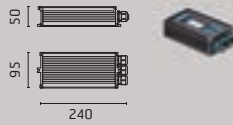
POWER SUPPLY 16x1W/110÷240V - Iout 350mA
(12x1W@110V) IP20 CLASS II SELV EQ.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

184

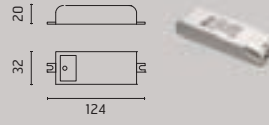
POWER SUPPLY 16x1W/110÷240V - Iout 350mA
(12x1W@110V) IP67 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

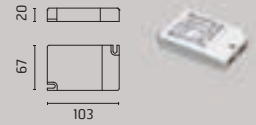
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



144

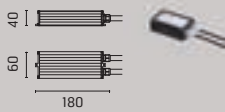
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



Accessories chart

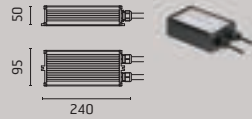
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



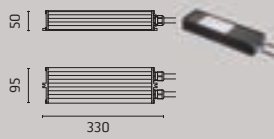
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



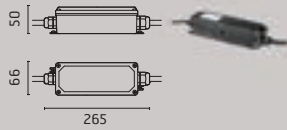
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



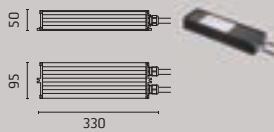
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



acc. code ▶	122	150	106	68	129	184	87	175	144	147	155	110	156
prod. code ▼													
1148700	•		•	•	•	•							
1148712	•		•	•	•	•							
1148723	•		•	•	•	•							
1148735	•		•	•	•	•							
1148772	•		•	•	•	•							
1148800	•	•	•	•	•	•	•	•	•	•	•	•	•
1148812	•	•	•	•	•	•	•	•	•	•	•	•	•
1148823	•	•	•	•	•	•	•	•	•	•	•	•	•
1148835	•	•	•	•	•	•	•	•	•	•	•	•	•
1148872	•	•	•	•	•	•	•	•	•	•	•	•	•
1148900	•	•	•	•	•	•	•	•	•	•	•	•	•
1148912	•	•	•	•	•	•	•	•	•	•	•	•	•
1148923	•	•	•	•	•	•	•	•	•	•	•	•	•
1148935	•	•	•	•	•	•	•	•	•	•	•	•	•
1148972	•	•	•	•	•	•	•	•	•	•	•	•	•
11414400	•		•	•	•	•							
11414412	•		•	•	•	•							
11414423	•		•	•	•	•							
11414435	•		•	•	•	•							
11414472	•		•	•	•	•							
11416300	•	•	•	•	•	•	•	•	•	•	•	•	•
11416312	•	•	•	•	•	•	•	•	•	•	•	•	•
11416323	•	•	•	•	•	•	•	•	•	•	•	•	•
11416335	•	•	•	•	•	•	•	•	•	•	•	•	•
11416372	•	•	•	•	•	•	•	•	•	•	•	•	•
11417100	•		•	•	•	•							
11417112	•		•	•	•	•							
11417123	•		•	•	•	•							
11417135	•		•	•	•	•							
11417172	•		•	•	•	•							

Cesarina





Cesarina LED

Design by Ares Concept

IP67

- Recessed luminaire for outdoor installation in ground, wall and ceiling.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion, AISI 316L stainless steel frame, acrylic diffusing lens (4 colours available), silicone gasket.
- Installation kit: four acrylic diffusing lenses (white, blue, green and red), box for installation in solid surfaces, springs for installation on plaster surfaces or on 1-20mm thick boards.
- Protection Rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with approx. 200mm of cable for an easy-to-make connection. The only connection allowed is "in series". The only power supply allowed is a constant current I=350mA electronic power supply.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



o. Inox



Recessed ground fitting



Recessed wall fitting



Do not install in hollow areas



Recessed ceiling fitting



Installation requires a 20cm water drainage layer (gravel)



Pre-wired with approx 200mm of cable



Protection against water ingress from the cable



Remote device required



Static load: 2000Kg walk over



Drive over



Glass surface temperature <math><70^{\circ}\text{C}</math> for LED source



Protection against impact.
IK 09 - 10,00 joule



Glow wire test: 850°C

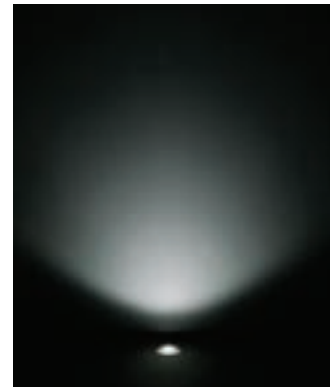
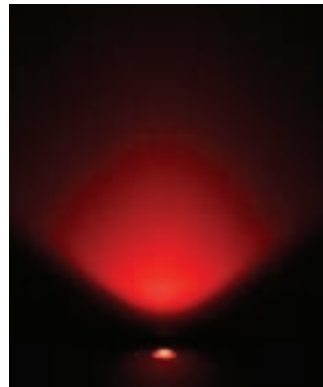
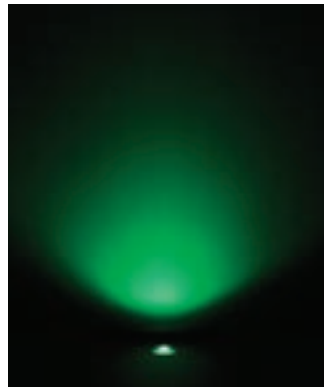
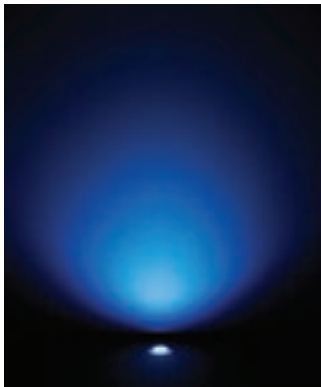
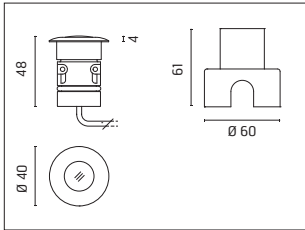
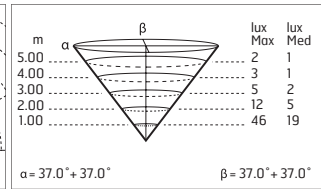
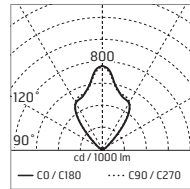
Cesarina Power LED / Stainless Steel Frame



928600 A A+ A++

COOL WHITE 6000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 135 ± FIXT lm 61
CRI >70

Remote electronic power supply
to be ordered
...!!! Acc. 129 or 184



Accessories: Cesarina LED

150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.

Dimensions: 21 mm height, 35 mm height, 68 mm width.

106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.

Dimensions: 30 mm height, 37 mm height, 52 mm width.



68
POWER SUPPLY 10x1W/100÷265V - Iout 350mA
(7x1W@110V) IP40 CLASS II SELV EQ.

Dimensions: 19 mm height, 33 mm height, 118 mm width.

129
POWER SUPPLY 16x1W/110÷240V - Iout 350mA
(12x1W@110V) IP20 CLASS II SELV EQ.

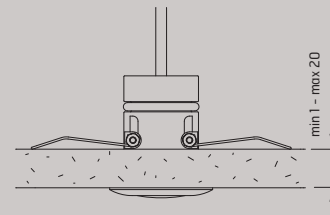
Dimensions: 21 mm height, 67 mm height, 103 mm width.

...!!! DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

184
POWER SUPPLY 16x1W/110÷240V - Iout 350mA
(12x1W@110V) IP67 CLASS II SELV.

Dimensions: 50 mm height, 95 mm height, 240 mm width.

...!!! DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3





Rho





Rho LED

Design by Ares Concept

IP67   













- Recessed light for outdoor installation on wall, ceiling or ground.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. Caps and flat frame in 316L stainless steel. Methacrylate diffuser. Closing frames in aluminium. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Rho is equipped with a piece of PUR cable for an easy-to-make connection (please provide effective insulation on the connection).Rho 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Rho is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- The luminaire can be equipped with springs or with a dedicated box for installation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes

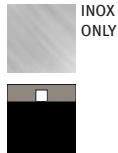
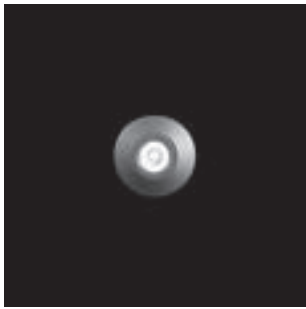
A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Recessed ceiling fitting
	Installation requires a 20cm water drainage layer (gravel).		Pre-wired with approx 200mm of cable
	Protection against water ingress from the cable		Remote device required.
	Static load: 500Kg walk over (version with frame) Static load: 2000Kg walk over (version with cover)		Glass surface temperature 70°C for LED source
	Protection against impact. IK 06 - 1,00 joule (version with frame) IK 08 - 5,00 joule (version with cover)		Glow wire test: 850°C

Rho Power LED / 316L Stainless Steel Frame - Version With Springs - Narrow Beam 15°



517111 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 169 ≠ FIXT lm 115
 CRI >70

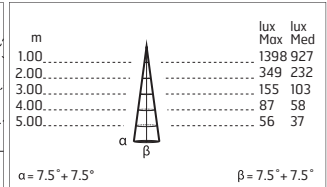
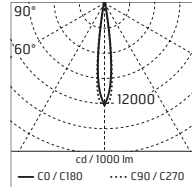
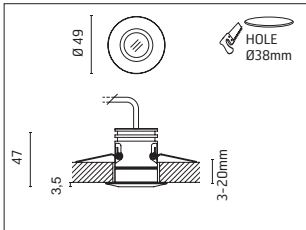
Remote electronic power supply to be ordered

517112 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 162 ≠ FIXT lm 110
 CRI >80

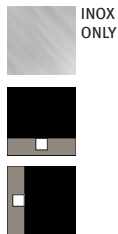
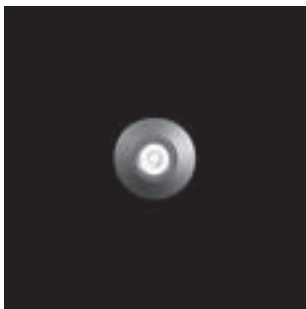
Remote electronic power supply to be ordered

517113 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 149 ≠ FIXT lm 101
 CRI >80

Remote electronic power supply to be ordered



Rho Power LED / 316L Stainless Steel Frame - Narrow Beam 15°



517001 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 169 ≠ FIXT lm 115
 CRI >70

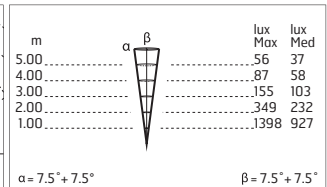
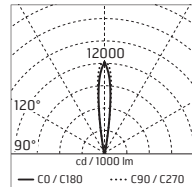
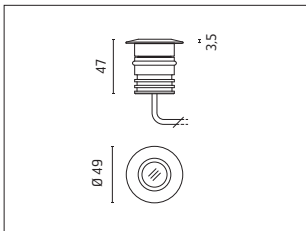
Remote electronic power supply to be ordered

517002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 162 ≠ FIXT lm 110
 CRI >80

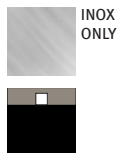
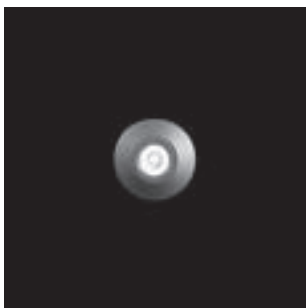
Remote electronic power supply to be ordered

517003 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 149 ≠ FIXT lm 101
 CRI >80

Remote electronic power supply to be ordered



Rho Power LED / 316L Stainless Steel Frame - Version With Springs - Medium Beam 30°



517121 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 169 ≠ FIXT lm 97
 CRI >70

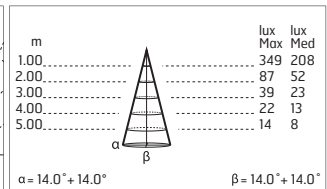
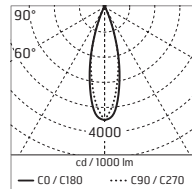
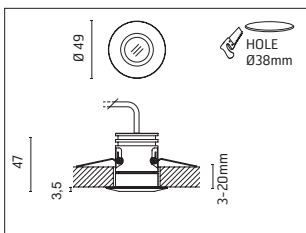
Remote electronic power supply to be ordered

517122 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 162 ≠ FIXT lm 93
 CRI >80

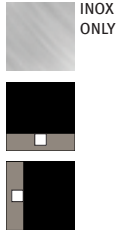
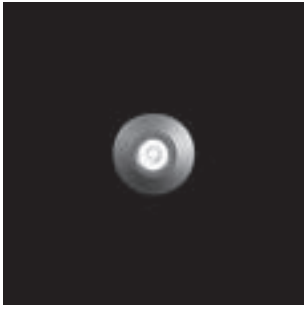
Remote electronic power supply to be ordered

517123 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12=24Vdc
 Total power 2,3W
 LED lm 149 ≠ FIXT lm 85
 CRI >80

Remote electronic power supply to be ordered



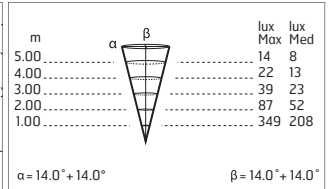
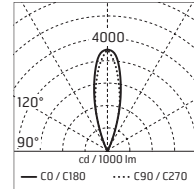
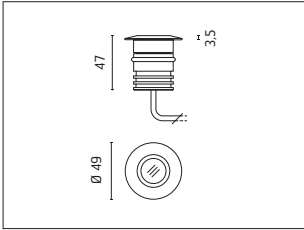
Rho Power LED / 316L Stainless Steel Frame - Medium Beam 30°



517011 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 169 ≠ FIXT lm 97
 CRI >70
 Remote electronic power supply
 to be ordered

517012 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 162 ≠ FIXT lm 93
 CRI >80
 Remote electronic power supply
 to be ordered

517013 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 149 ≠ FIXT lm 85
 CRI >80
 Remote electronic power supply
 to be ordered



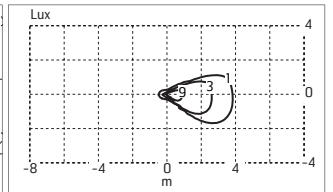
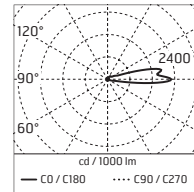
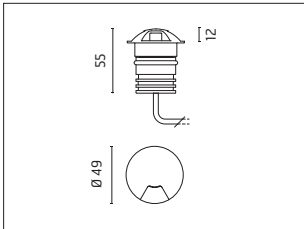
Rho Power LED / 316L Stainless Steel Cover - One Emission



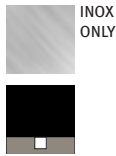
517021 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 169 ≠ FIXT lm 13
 CRI >70
 Remote electronic power supply
 to be ordered

517022 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 162 ≠ FIXT lm 12
 CRI >80
 Remote electronic power supply
 to be ordered

517023 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 149 ≠ FIXT lm 11
 CRI >80
 Remote electronic power supply
 to be ordered



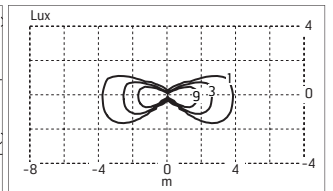
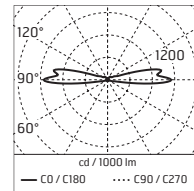
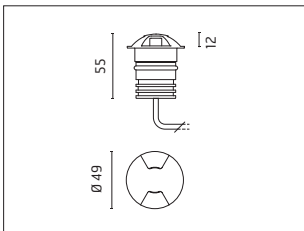
Rho Power LED / 316L Stainless Steel Cover - Two Emissions



517031 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 169 ≠ FIXT lm 2x13
 CRI >70
 Remote electronic power supply
 to be ordered

517032 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 162 ≠ FIXT lm 2x12
 CRI >80
 Remote electronic power supply
 to be ordered

517033 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 149 ≠ FIXT lm 2x11
 CRI >80
 Remote electronic power supply
 to be ordered



Rho Power LED / 316L Stainless Steel Cover - Three Emissions



517041 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 3x13
CRI >70

Remote electronic power supply to be ordered

517042 A A+ A++

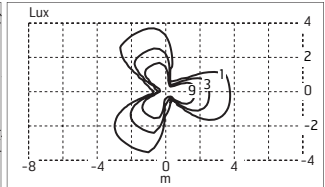
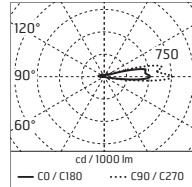
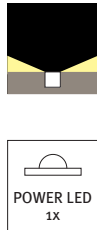
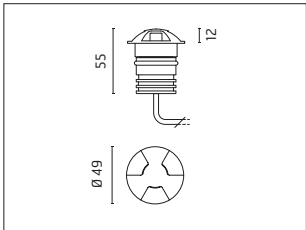
NATURAL WHITE 4000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 3x12
CRI >80

Remote electronic power supply to be ordered

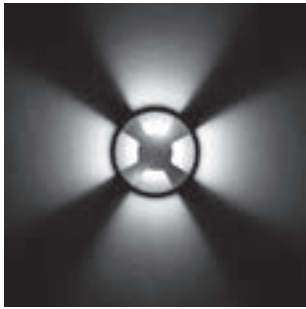
517043 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 3x11
CRI >80

Remote electronic power supply to be ordered



Rho Power LED / 316L Stainless Steel Cover - Omnidirectional



517051 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 4x13
CRI >70

Remote electronic power supply to be ordered

517052 A A+ A++

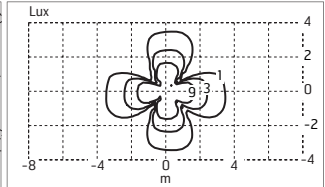
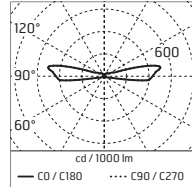
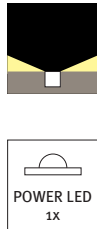
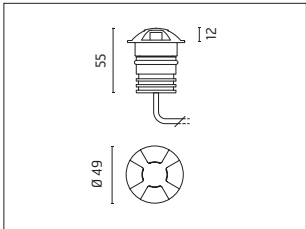
NATURAL WHITE 4000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 4x12
CRI >80

Remote electronic power supply to be ordered

517053 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 4x11
CRI >80

Remote electronic power supply to be ordered



Rho Power LED / 316L Stainless Steel Cover - 180° Emission



517061 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 44
CRI >70

Remote electronic power supply to be ordered

517062 A A+ A++

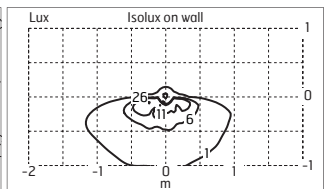
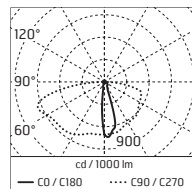
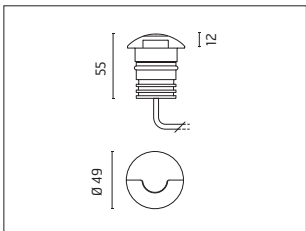
NATURAL WHITE 4000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 42
CRI >80

Remote electronic power supply to be ordered

517063 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 39
CRI >80

Remote electronic power supply to be ordered



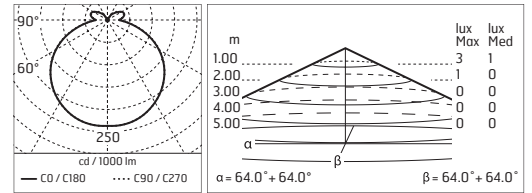
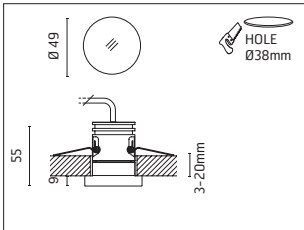
Rho Power LED / Round Methacrylate Diffuser - Version With Springs



517131 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 169 ÷ FIXT lm 14
 CRI >70
 Remote electronic power supply
 to be ordered

517132 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 162 ÷ FIXT lm 13
 CRI >80
 Remote electronic power supply
 to be ordered

517133 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 149 ÷ FIXT lm 12
 CRI >80
 Remote electronic power supply
 to be ordered



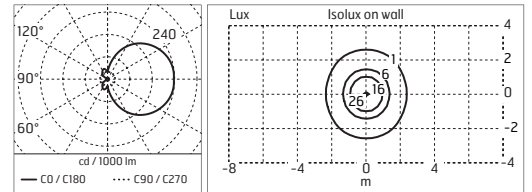
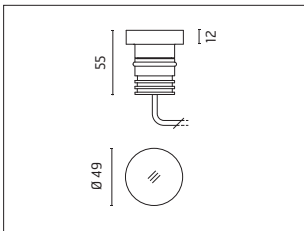
Rho Power LED / Round Methacrylate Diffuser



517071 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 169 ÷ FIXT lm 14
 CRI >70
 Remote electronic power supply
 to be ordered

517072 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 162 ÷ FIXT lm 13
 CRI >80
 Remote electronic power supply
 to be ordered

517073 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 149 ÷ FIXT lm 12
 CRI >80
 Remote electronic power supply
 to be ordered



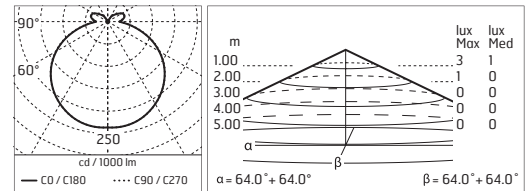
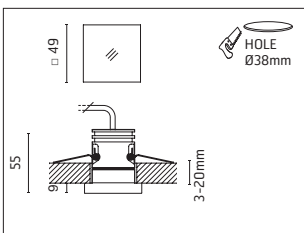
Rho Power LED / Square Methacrylate Diffuser - Version With Springs



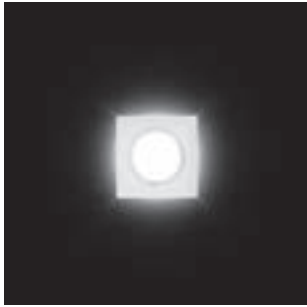
517141 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 169 ÷ FIXT lm 14
 CRI >70
 Remote electronic power supply
 to be ordered

517142 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 162 ÷ FIXT lm 13
 CRI >80
 Remote electronic power supply
 to be ordered

517143 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2W/12÷24Vdc
 Total power 2,3W
 LED lm 149 ÷ FIXT lm 12
 CRI >80
 Remote electronic power supply
 to be ordered



Rho Power LED / Square Methacrylate Diffuser



517081 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 14
CRI >70

Remote electronic power supply to be ordered

517082 A A+ A++

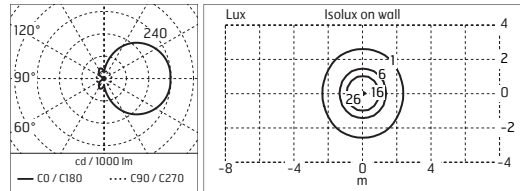
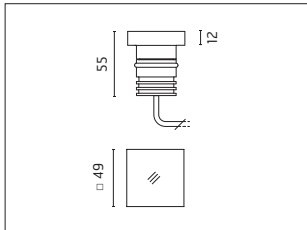
NATURAL WHITE 4000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 13
CRI >80

Remote electronic power supply to be ordered

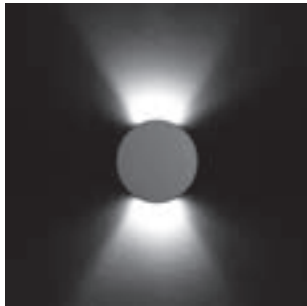
517083 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 12
CRI >80

Remote electronic power supply to be ordered



Rho Power LED / Round Aluminium Frame



517091 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 38
CRI >70

Remote electronic power supply to be ordered

517092 A A+ A++

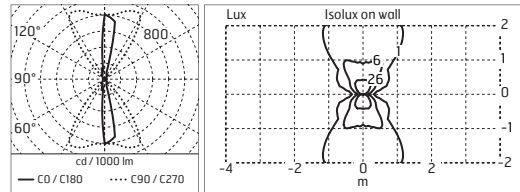
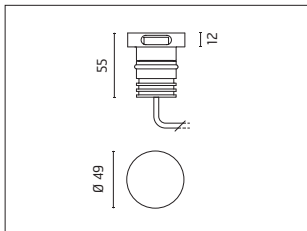
NATURAL WHITE 4000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 37
CRI >80

Remote electronic power supply to be ordered

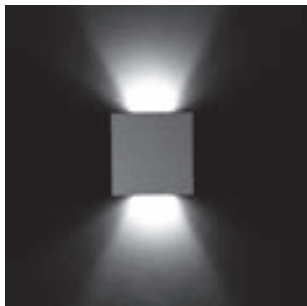
517093 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 34
CRI >80

Remote electronic power supply to be ordered



Rho Power LED / Square Aluminium Frame



517101 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 38
CRI >70

Remote electronic power supply to be ordered

517102 A A+ A++

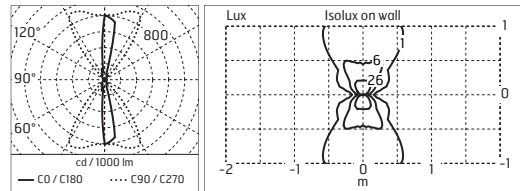
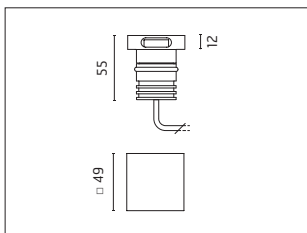
NATURAL WHITE 4000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 37
CRI >80

Remote electronic power supply to be ordered

517103 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 34
CRI >80

Remote electronic power supply to be ordered



Accessories: Rho LED

169

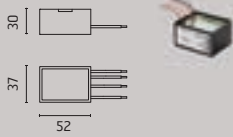
BOX FOR INSTALLATION
Ø 65 H 78mm



FOR IN-GROUND INSTALLATION
OR CONCRETE WALL

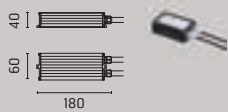
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



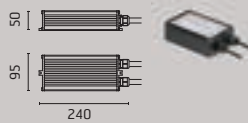
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



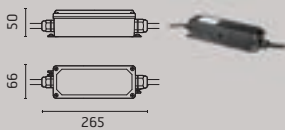
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



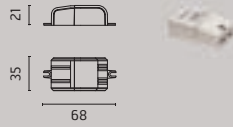
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



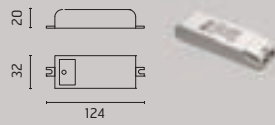
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



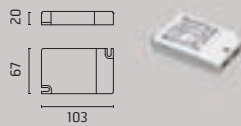
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



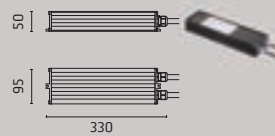
144

POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



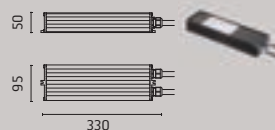
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



156

POWER SUPPLY 100W/120÷240V - 24Vdc
IP67 CLASS II SELV.



acc. code ▶	169	150	106	87	175	144	147	155	110	156
prod. code ▼										
517001	•	•	•	•	•	•	•	•	•	•
517002	•	•	•	•	•	•	•	•	•	•
517003	•	•	•	•	•	•	•	•	•	•
517011	•	•	•	•	•	•	•	•	•	•
517012	•	•	•	•	•	•	•	•	•	•
517013	•	•	•	•	•	•	•	•	•	•
517111		•	•	•	•	•	•	•	•	•
517112		•	•	•	•	•	•	•	•	•
517113		•	•	•	•	•	•	•	•	•
517121		•	•	•	•	•	•	•	•	•
517122		•	•	•	•	•	•	•	•	•
517123		•	•	•	•	•	•	•	•	•
517021	•	•	•	•	•	•	•	•	•	•
517022	•	•	•	•	•	•	•	•	•	•
517023	•	•	•	•	•	•	•	•	•	•
517031	•	•	•	•	•	•	•	•	•	•
517032	•	•	•	•	•	•	•	•	•	•
517033	•	•	•	•	•	•	•	•	•	•
517041	•	•	•	•	•	•	•	•	•	•
517042	•	•	•	•	•	•	•	•	•	•
517043	•	•	•	•	•	•	•	•	•	•
517051	•	•	•	•	•	•	•	•	•	•
517052	•	•	•	•	•	•	•	•	•	•
517053	•	•	•	•	•	•	•	•	•	•
517061	•	•	•	•	•	•	•	•	•	•
517062	•	•	•	•	•	•	•	•	•	•
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517071	•	•	•	•	•	•	•	•	•	•
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517131		•	•	•	•	•	•	•	•	•
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517081	•	•	•	•	•	•	•	•	•	•
517082	•	•	•	•	•	•	•	•	•	•
517083	•	•	•	•	•	•	•	•	•	•
517141		•	•	•	•	•	•	•	•	•
517142		•	•	•	•	•	•	•	•	•
517143		•	•	•	•	•	•	•	•	•
517091	•	•	•	•	•	•	•	•	•	•
517092	•	•	•	•	•	•	•	•	•	•
517093	•	•	•	•	•	•	•	•	•	•
517101	•	•	•	•	•	•	•	•	•	•
517102	•	•	•	•	•	•	•	•	•	•
517103	•	•	•	•	•	•	•	•	•	•

Sigma



Sigma LED

Design by Ares Concept

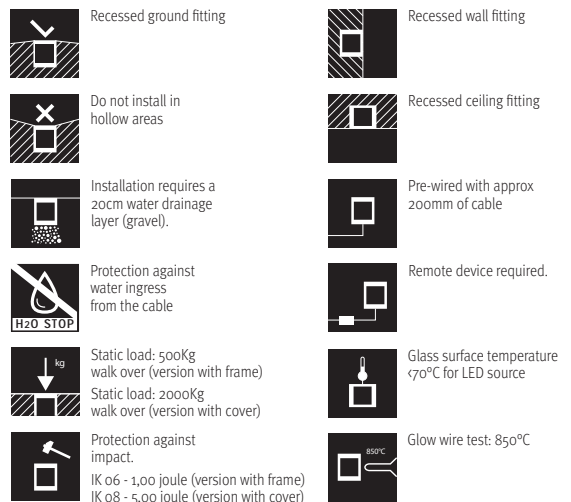
IP67   

- Recessed light for outdoor installation on wall, ceiling or ground.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. Caps and flat frame in 316L stainless steel. Methacrylate diffuser. Closing frames in aluminium. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Sigma 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Sigma is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- The luminaire can be equipped with springs or with a dedicated box for installation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

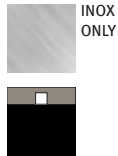
EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Narrow Beam 10°



518004 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI >70

Remote electronic power supply to be ordered

518005 A A+ A++

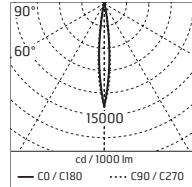
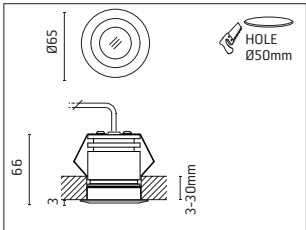
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI >80

Remote electronic power supply to be ordered

518006 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1989	1220
2.00	497	305
3.00	221	136
4.00	124	76
5.00	80	49

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$

Sigma Power LED / 316L Stainless Steel Frame - Narrow Beam 10°



518001 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI >70

Remote electronic power supply to be ordered

518002 A A+ A++

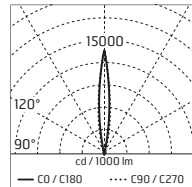
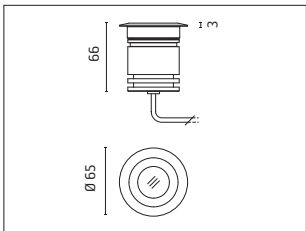
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI >80

Remote electronic power supply to be ordered

518003 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI >80

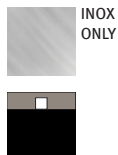
Remote electronic power supply to be ordered



m	lux	
	Max	Med
5.00	80	49
4.00	124	76
3.00	221	136
2.00	497	305
1.00	1989	1220

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$

Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Medium Beam 30°



518007 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI >70

Remote electronic power supply to be ordered

518008 A A+ A++

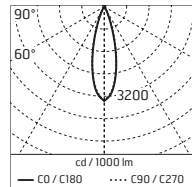
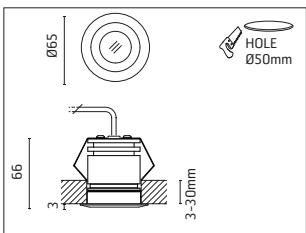
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI >80

Remote electronic power supply to be ordered

518009 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI >80

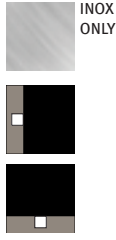
Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 14.0^\circ + 14.0^\circ$ $\beta = 14.0^\circ + 14.0^\circ$

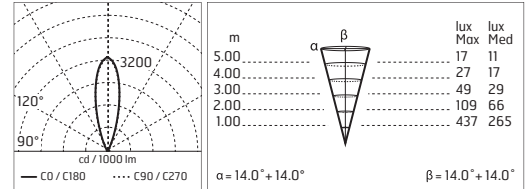
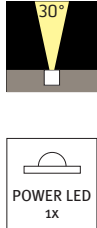
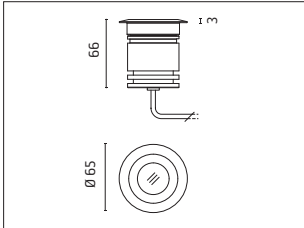
Sigma Power LED / 316L Stainless Steel Frame - Medium Beam 30°



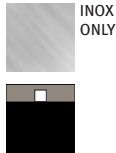
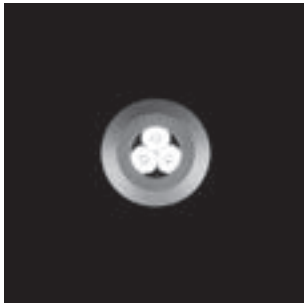
518011 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 206 ≠ FIXT lm 130
 CRI >70
 Remote electronic power supply
 to be ordered

518012 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 198 ≠ FIXT lm 125
 CRI >80
 Remote electronic power supply
 to be ordered

518013 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 182 ≠ FIXT lm 114
 CRI >80
 Remote electronic power supply
 to be ordered



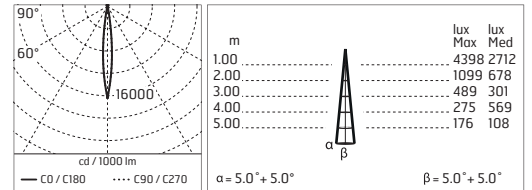
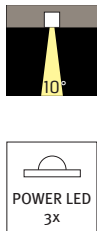
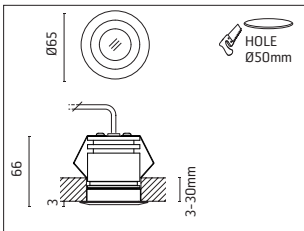
Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Narrow Beam 10°



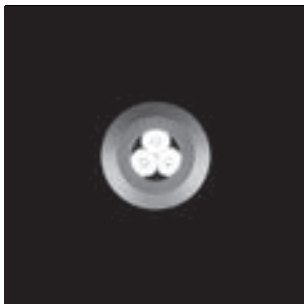
518014 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 375 ≠ FIXT lm 268
 CRI >70
 Remote electronic power supply
 to be ordered

518015 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 360 ≠ FIXT lm 258
 CRI >80
 Remote electronic power supply
 to be ordered

518016 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 330 ≠ FIXT lm 236
 CRI >80
 Remote electronic power supply
 to be ordered



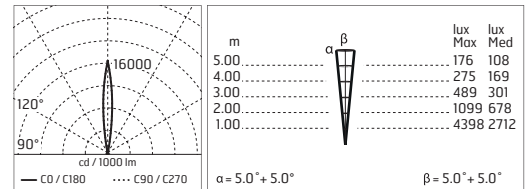
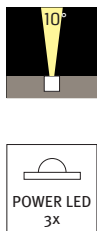
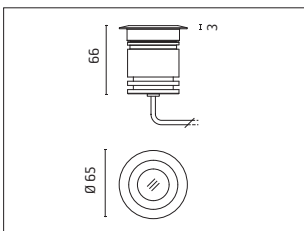
Sigma Power LED / 316L Stainless Steel Frame - Narrow Beam 10°



518021 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 375 ≠ FIXT lm 268
 CRI >70
 Remote electronic power supply
 to be ordered

518022 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 360 ≠ FIXT lm 258
 CRI >80
 Remote electronic power supply
 to be ordered

518023 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 330 ≠ FIXT lm 236
 CRI >80
 Remote electronic power supply
 to be ordered



Sigma Power LED / 316L Stainless Steel Frame - Version With Springs - Medium Beam 30°



518024 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 215
CRI >70

Remote electronic power supply to be ordered

518025 A A+ A++

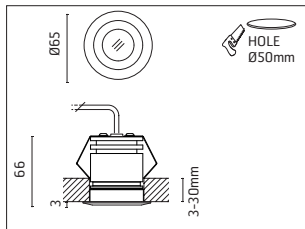
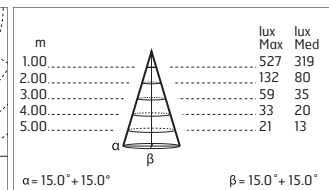
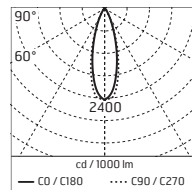
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 207
CRI >80

Remote electronic power supply to be ordered

518026 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 189
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / 316L Stainless Steel Frame - Medium Beam 30°



518031 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 215
CRI >70

Remote electronic power supply to be ordered

518032 A A+ A++

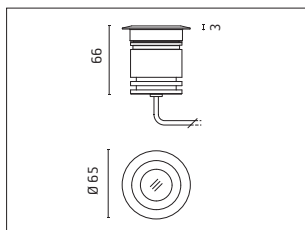
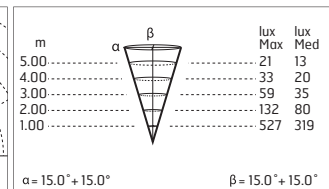
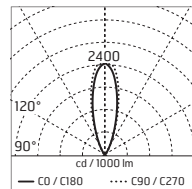
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 207
CRI >80

Remote electronic power supply to be ordered

518033 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 189
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / 316L Stainless Steel Cover - One Emission



518041 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 19
CRI >70

Remote electronic power supply to be ordered

518042 A A+ A++

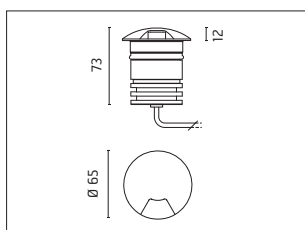
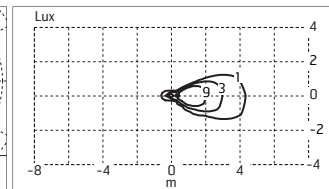
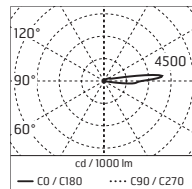
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 18
CRI >80

Remote electronic power supply to be ordered

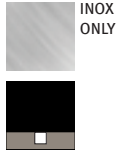
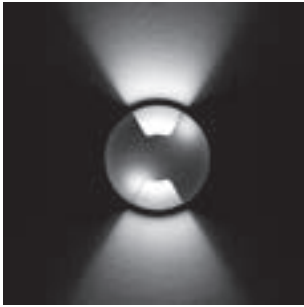
518043 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 16
CRI >80

Remote electronic power supply to be ordered



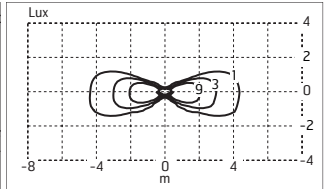
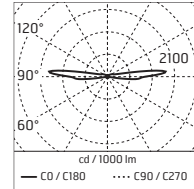
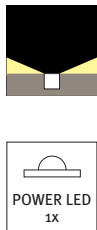
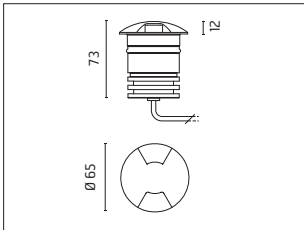
Sigma Power LED / 316L Stainless Steel Cover - Two Emissions



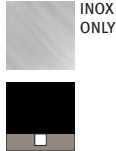
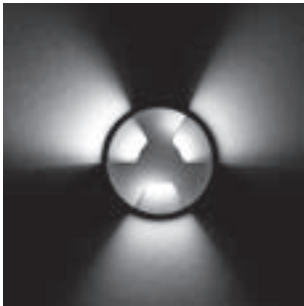
518051 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 206 ≠ FIXT lm 2x19
 CRI >70
 Remote electronic power supply
 to be ordered

518052 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 198 ≠ FIXT lm 2x18
 CRI >80
 Remote electronic power supply
 to be ordered

518053 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 182 ≠ FIXT lm 2x16
 CRI >80
 Remote electronic power supply
 to be ordered



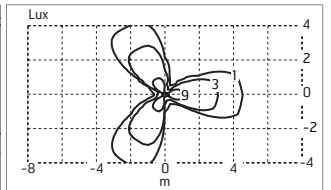
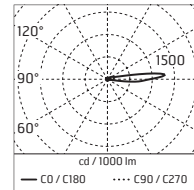
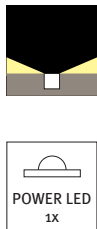
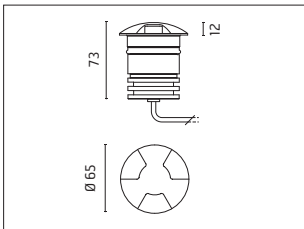
Sigma Power LED / 316L Stainless Steel Cover - Three Emissions



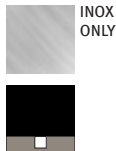
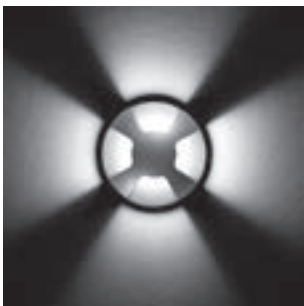
518061 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 206 ≠ FIXT lm 3x19
 CRI >70
 Remote electronic power supply
 to be ordered

518062 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 198 ≠ FIXT lm 3x18
 CRI >80
 Remote electronic power supply
 to be ordered

518063 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 182 ≠ FIXT lm 3x16
 CRI >80
 Remote electronic power supply
 to be ordered



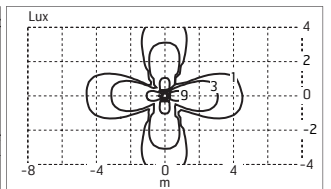
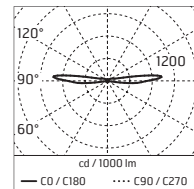
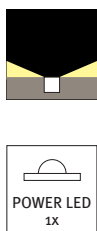
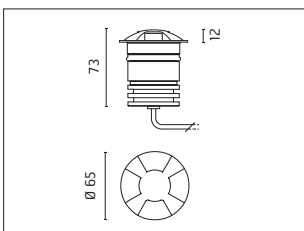
Sigma Power LED / 316L Stainless Steel Cover - Omnidirectional



518071 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 206 ≠ FIXT lm 4x19
 CRI >70
 Remote electronic power supply
 to be ordered

518072 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 198 ≠ FIXT lm 4x18
 CRI >80
 Remote electronic power supply
 to be ordered

518073 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 3W/24Vdc
 Total power 3,4W
 LED lm 182 ≠ FIXT lm 4x16
 CRI >80
 Remote electronic power supply
 to be ordered



Sigma Power LED / 316L Stainless Steel Cover - 180° emission



518081 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ± FIXT lm 56
CRI >70

Remote electronic power supply to be ordered

518082 A A+ A++

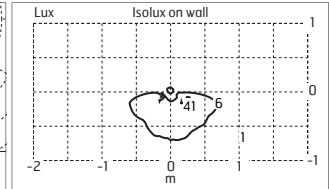
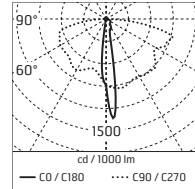
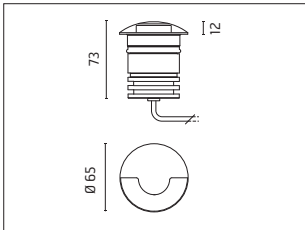
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ± FIXT lm 54
CRI >80

Remote electronic power supply to be ordered

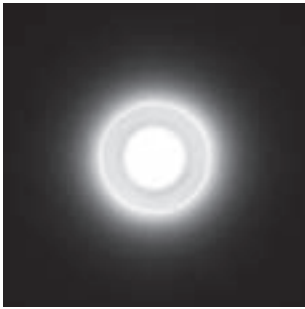
518083 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ± FIXT lm 50
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / Version With Springs - Round Methacrylate Diffuser



518084 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ± FIXT lm 63
CRI >70

Remote electronic power supply to be ordered

518085 A A+ A++

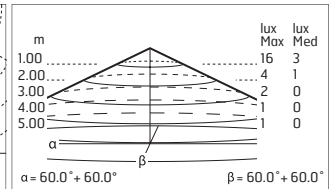
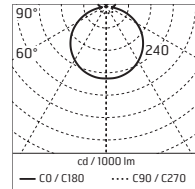
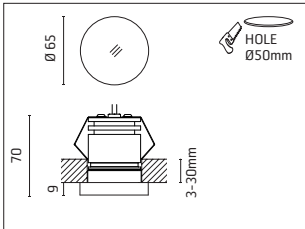
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ± FIXT lm 60
CRI >80

Remote electronic power supply to be ordered

518086 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ± FIXT lm 55
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / Round Methacrylate Diffuser



518091 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ± FIXT lm 63
CRI >70

Remote electronic power supply to be ordered

518092 A A+ A++

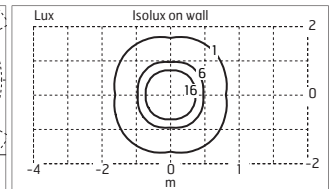
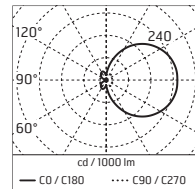
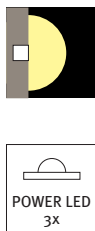
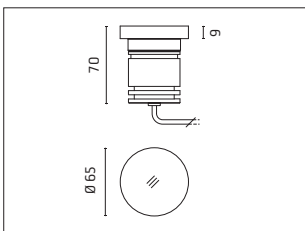
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ± FIXT lm 60
CRI >80

Remote electronic power supply to be ordered

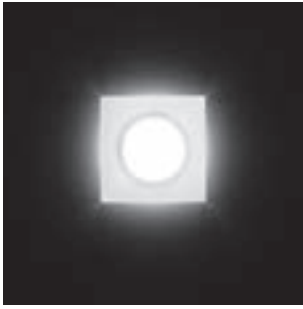
518093 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ± FIXT lm 55
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / Version With Springs - Square Methacrylate Diffuser



518094 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 63
CRI >70

Remote electronic power supply to be ordered

518095 A A+ A++

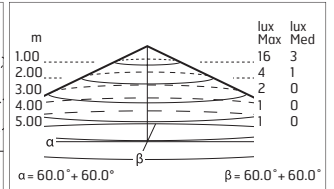
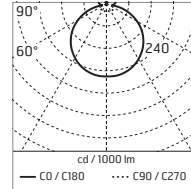
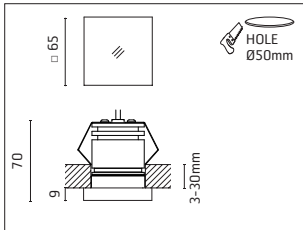
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 60
CRI >80

Remote electronic power supply to be ordered

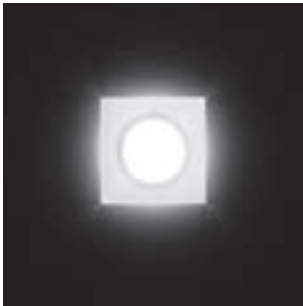
518096 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 55
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / Square Methacrylate Diffuser



518101 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 63
CRI >70

Remote electronic power supply to be ordered

518102 A A+ A++

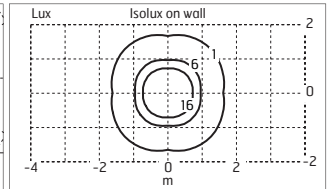
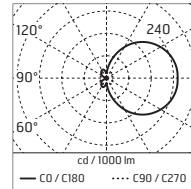
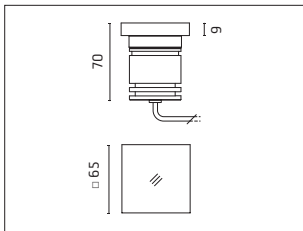
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 60
CRI >80

Remote electronic power supply to be ordered

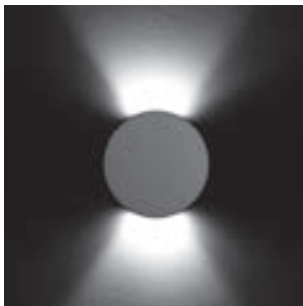
518103 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 55
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / Round Aluminium Frame



518111 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 33
CRI >70

Remote electronic power supply to be ordered

518112 A A+ A++

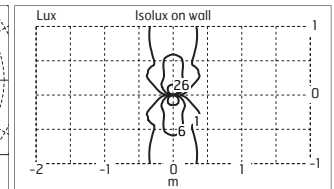
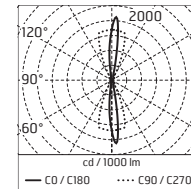
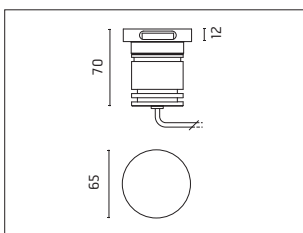
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 31
CRI >80

Remote electronic power supply to be ordered

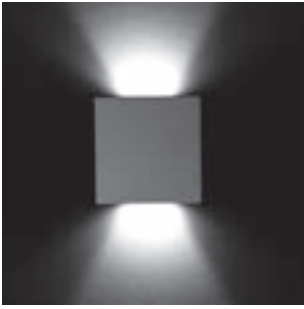
518113 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 29
CRI >80

Remote electronic power supply to be ordered



Sigma Power LED / Square Aluminium Frame



518121 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 33
CRI >70

Remote electronic power supply
to be ordered

518122 A A+ A++

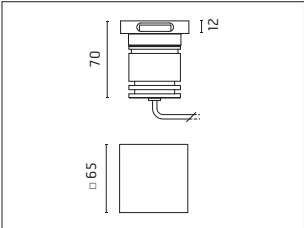
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 31
CRI >80

Remote electronic power supply
to be ordered

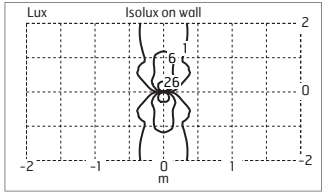
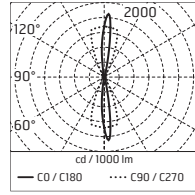
518123 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 29
CRI >80

Remote electronic power supply
to be ordered



POWER LED
1x



Accessories: Sigma LED

170

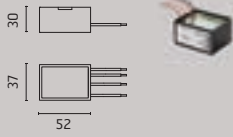
BOX FOR INSTALLATION
Ø 65 H 78mm



FOR IN-GROUND INSTALLATION
OR CONCRETE WALL

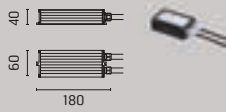
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



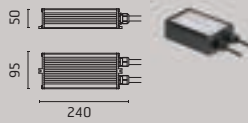
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



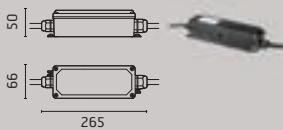
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



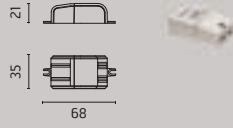
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



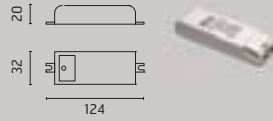
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



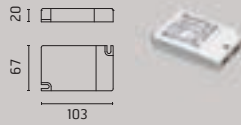
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



144

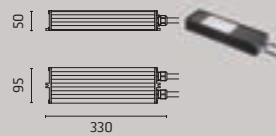
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

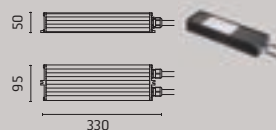
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



156

POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



acc. code ▶	170	150	106	87	175	144	147	155	110	156
prod. code ▼										
518001	•	•	•	•	•	•	•	•	•	•
518002	•	•	•	•	•	•	•	•	•	•
518003	•	•	•	•	•	•	•	•	•	•
518004		•	•	•	•	•	•	•	•	•
518005		•	•	•	•	•	•	•	•	•
518006		•	•	•	•	•	•	•	•	•
518007		•	•	•	•	•	•	•	•	•
518008		•	•	•	•	•	•	•	•	•
518009		•	•	•	•	•	•	•	•	•
518011	•	•	•	•	•	•	•	•	•	•
518012	•	•	•	•	•	•	•	•	•	•
518013	•	•	•	•	•	•	•	•	•	•
518014		•	•	•	•	•	•	•	•	•
518015		•	•	•	•	•	•	•	•	•
518016		•	•	•	•	•	•	•	•	•
518021	•	•	•	•	•	•	•	•	•	•
518022	•	•	•	•	•	•	•	•	•	•
518023	•	•	•	•	•	•	•	•	•	•
518024		•	•	•	•	•	•	•	•	•
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518026		•	•	•	•	•	•	•	•	•
518031	•	•	•	•	•	•	•	•	•	•
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518033	•	•	•	•	•	•	•	•	•	•
518041	•	•	•	•	•	•	•	•	•	•
518042	•	•	•	•	•	•	•	•	•	•
518043	•	•	•	•	•	•	•	•	•	•
518051	•	•	•	•	•	•	•	•	•	•
518052	•	•	•	•	•	•	•	•	•	•
518053	•	•	•	•	•	•	•	•	•	•
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518062	•	•	•	•	•	•	•	•	•	•
518063	•	•	•	•	•	•	•	•	•	•
518071	•	•	•	•	•	•	•	•	•	•
518072	•	•	•	•	•	•	•	•	•	•
518073	•	•	•	•	•	•	•	•	•	•
518081	•	•	•	•	•	•	•	•	•	•
518082	•	•	•	•	•	•	•	•	•	•
518083	•	•	•	•	•	•	•	•	•	•
518084		•	•	•	•	•	•	•	•	•
518085		•	•	•	•	•	•	•	•	•
518086		•	•	•	•	•	•	•	•	•
518091	•	•	•	•	•	•	•	•	•	•
518092	•	•	•	•	•	•	•	•	•	•
518093	•	•	•	•	•	•	•	•	•	•
518094		•	•	•	•	•	•	•	•	•
518095		•	•	•	•	•	•	•	•	•
518096		•	•	•	•	•	•	•	•	•
518101	•	•	•	•	•	•	•	•	•	•
518102	•	•	•	•	•	•	•	•	•	•
518103	•	•	•	•	•	•	•	•	•	•
518111	•	•	•	•	•	•	•	•	•	•
518112	•	•	•	•	•	•	•	•	•	•
518113	•	•	•	•	•	•	•	•	•	•
518121	•	•	•	•	•	•	•	•	•	•
518122	•	•	•	•	•	•	•	•	•	•
518123	•	•	•	•	•	•	•	•	•	•

Snell





Snell LED

Design by Ares Concept

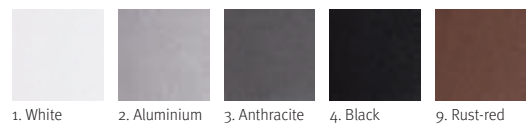
IP67

- Recessed luminaire with lateral emission for outdoor installation in wall or pavement.
- Configuration: die-cast aluminium structure . EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Moulded silicone gasket and 360° emitting glass lens fixed with silicone glue
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Snell is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Snell is protected against polarity reversal and sudden voltage peak. Feeding tension must be included between 12 and 24Vdc. The luminaire is equipped with a piece of cable for an easy-to-make connection (please provide effective insulation on the connection). Installation requires a dedicated box (to be ordered separately) to be installed flush with the surface. For ground installation it is important to provide a proper gravel layer or drain system (>200mm) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes

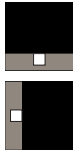
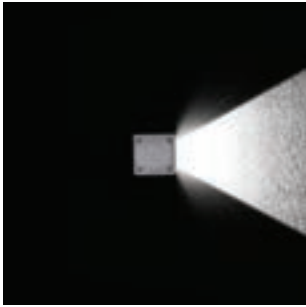
A⁺⁺
A⁺
A

LED VERSION:
 Class A/A+/A++
 Luminaire supplied
 with integrated LED modules
 which cannot be replaced



	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Installation requires a 20cm water drainage layer (gravel)
	Pre-wired with approx 200mm of cable.		Remote device required
	Protection against water ingress from the cable		Drive over
	Static load: 2000Kg walk over		Glass surface temperature 70°C for LED source
	Protection against impact. IK 07 - 2,00 joule		

Snell Power LED / One Emission



1016801 A A+ A++

COOL WHITE 6000K
POWER LED
3W/12÷24Vdc
Total power 3,4W
LED lm 228 ≠ FIXT lm 15
CRI >70

Remote electronic power supply to be ordered

1017701 A A+ A++

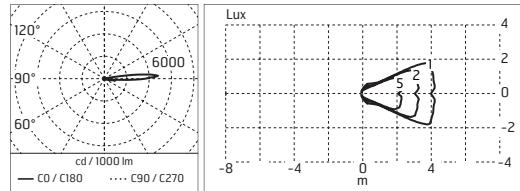
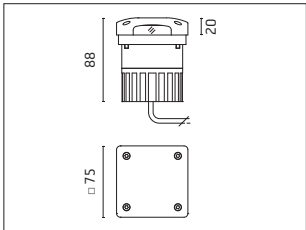
NATURAL WHITE 4000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 196 ≠ FIXT lm 13
CRI >80

Remote electronic power supply to be ordered

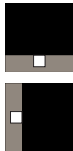
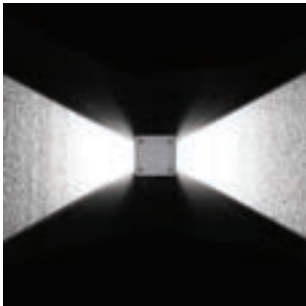
1016401 A A+ A++

WARM WHITE 3000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 12
CRI >80

Remote electronic power supply to be ordered



Snell Power LED / Two Emissions



1016802 A A+ A++

COOL WHITE 6000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 228 ≠ FIXT lm 2x15
CRI >70

Remote electronic power supply to be ordered

10117702 A A+ A++

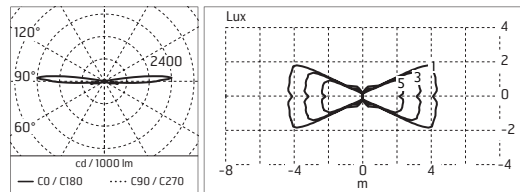
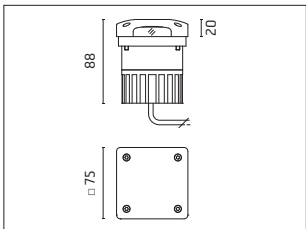
NATURAL WHITE 4000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 196 ≠ FIXT lm 2x13
CRI >80

Remote electronic power supply to be ordered

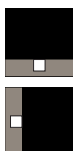
1016402 A A+ A++

WARM WHITE 3000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 2x12
CRI >80

Remote electronic power supply to be ordered



Snell Power LED / Omnidirectional



1016804 A A+ A++

COOL WHITE 6000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 228 ≠ FIXT lm 4x15
CRI >70

Remote electronic power supply to be ordered

10117704 A A+ A++

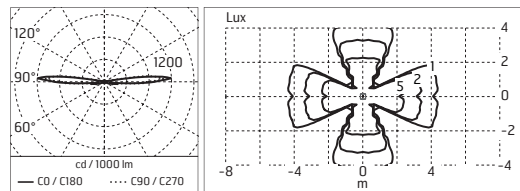
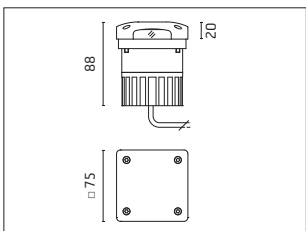
NATURAL WHITE 4000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 196 ≠ FIXT lm 4x13
CRI >80

Remote electronic power supply to be ordered

1016404 A A+ A++

WARM WHITE 3000K
POWER LED
3W/ 12÷24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 4x12
CRI >80

Remote electronic power supply to be ordered



Accessories: Snell LED

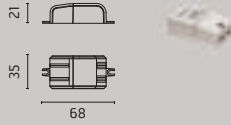
104

BOX FOR INSTALLATION
120 x 120 x H 110mm



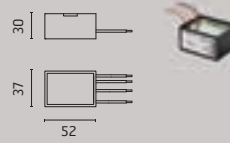
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



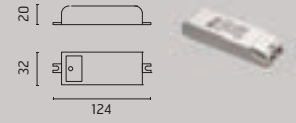
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



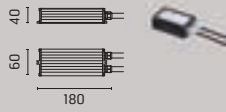
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



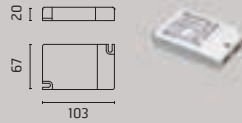
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



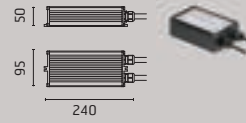
144

POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



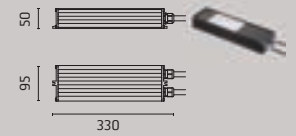
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



155

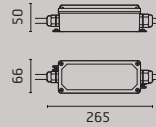
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



acc. code ▶	104	150	106	87	175	144	144	155	110	156
prod. code ▼										
1016801	•	•	•	•	•	•	•	•	•	•
1017701	•	•	•	•	•	•	•	•	•	•
1016401	•	•	•	•	•	•	•	•	•	•
1016802	•	•	•	•	•	•	•	•	•	•
10117702	•	•	•	•	•	•	•	•	•	•
1016402	•	•	•	•	•	•	•	•	•	•
1016804	•	•	•	•	•	•	•	•	•	•
10117704	•	•	•	•	•	•	•	•	•	•
1016404	•	•	•	•	•	•	•	•	•	•

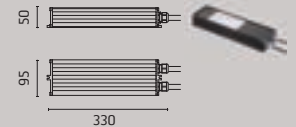
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W/120÷240V - 24Vdc
IP67 CLASS II SELV.



Bea





Bea

Design by Ares Concept

IP67

- Recessed square luminaire for outdoor installation in ground. Thanks to a specially designed box for installation, the finish frame is flush with the mounting surface.
- Die cast aluminium structure. EN AB-47100 alloy (low copper content). AISI 316L stainless steel frame
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low-voltage: III
- Installation: the luminaire is equipped with M20x1,5 plastic cable gland and a piece of cable for an easy-to-make connection. Outdoor use requires suitable flexible cable assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP

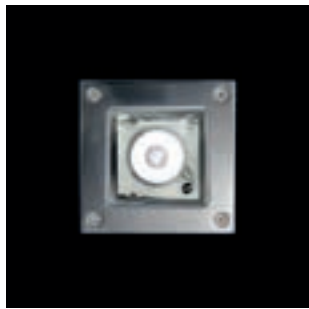
EU Regulation 874/2012 - Illumination equipment energy classes

- A** LED BULB VERSION:
Class A
DRR/GU5,3
DR-PAR/GZ10
- B** HALOGEN VERSION:
Class B
QR-CBC51/GU5,3
- D** HALOGEN VERSION:
Class D
QRPARCBC51/GZ10



- Recessed ground fitting
- Installation requires a 30cm water drainage layer (gravel)
- Do not install in hollow areas
- Pre-wired with approx 250mm of cable
- Protection against water ingress from the cable
- Remote device required
- Static load: 2000Kg walk over
- Drive over
- Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation
- Protection against impact
IK 09 - 10,00 joule

Bea / Stainless Steel Frame - Transparent Glass - Adjustable Optic



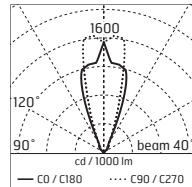
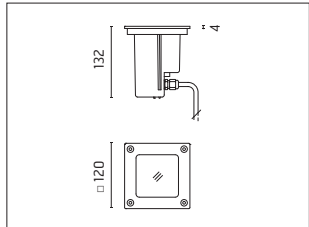
652815
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb **A**
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available



653315
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

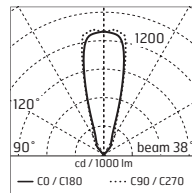


WARNING:
 SELECT THE APPROPRIATE POWER
 SUPPLY ACCORDING TO THE LED
 BULB.



m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

Bea / Stainless Steel Frame - Sandblasted Glass



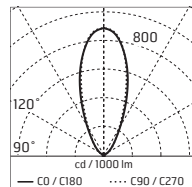
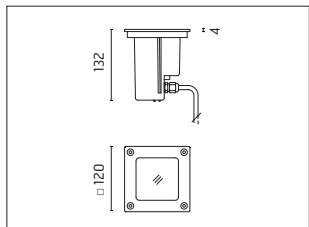
652828
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb **A**
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available



653328
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

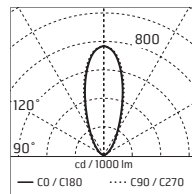


WARNING:
 SSELECT THE APPROPRIATE POWER
 SUPPLY ACCORDING TO THE LED
 BULB.



m	lux	
	Max	Med
5.00	22	16
4.00	42	24
3.00	75	43
2.00	168	97
1.00	672	389

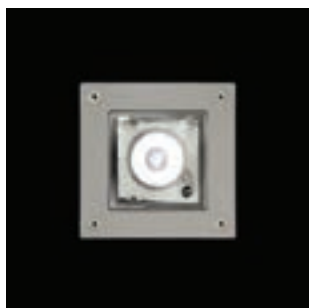
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	23	14
4.00	36	21
3.00	65	38
2.00	146	85
1.00	583	339

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

Bea / Aluminium Frame - Transparent Glass - Adjustable Optic



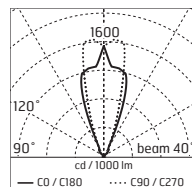
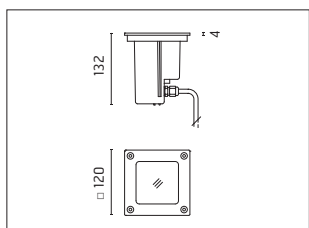
662815
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb **A**
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available



663315
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

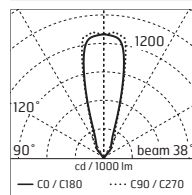


WARNING:
 SELECT THE APPROPRIATE POWER
 SUPPLY ACCORDING TO THE LED
 BULB.



m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

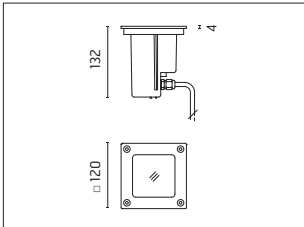
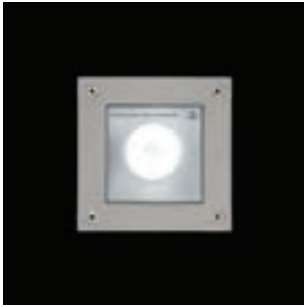
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

Bea / Aluminium Frame - Sandblasted Glass

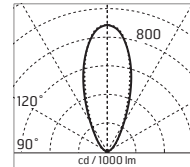


662823
QPAR CBC 51 50W/230V GZ10
T 180°C

Optional LED bulb
DR PAR 7,5W/230V GZ10
Lamp max size: Ø50 H.58
Photometric curve not available

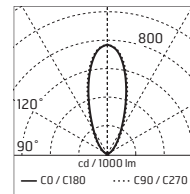
663323
QR CBC 51 50W/12V GU5,3
T 180°C

Remote transformer to be ordered
Optional LED bulb
DRR 6,5W/12V a.c. GU5,3
Lamp max size: Ø50 H.48
Remote transformer to be ordered
Photometric curve not available



m	lux	
	Max	Med
5.00	22	16
4.00	42	24
3.00	75	43
2.00	168	97
1.00	672	389

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	23	14
4.00	36	21
3.00	65	38
2.00	146	85
1.00	583	339

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

WARNING:
SELECT THE APPROPRIATE POWER
SUPPLY ACCORDING TO THE LED
BULB.

Accessories: Bea

42
BOX FOR INSTALLATION
165 x 165 H 170mm



215
3/4 way terminal block 3 poles IP68
(Ø5,5±12mm cable)



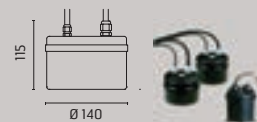
Accessories chart

acc. code	42	215	16	17	18
652815	•	•			
653315	•	•	•	•	•
652828	•	•			
653328	•	•	•	•	•
662815	•	•			
663315	•	•	•	•	•
662823	•	•			
663323	•	•	•	•	•

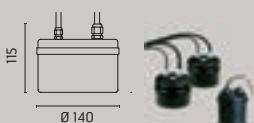
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



17
TRANSFORMER 200W
230V/12V 50Hz IP 66



18
TRANSFORMER 300W
230V/12V 50Hz IP 66



Chiara





Chiara LED

Design by Ares Concept

IP67

- Round recessed luminaire for outdoor installation on wall and ground.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Sandblasted glass with silkscreen border, AISI 316L blasted stainless steel frame.
- Glass fixed to the aluminium body through a robotic gluing system
- Protection Rating: IP67
- In compliance with EN 60598-1
- Class of insulation: mains: I; low-voltage: III
- Installation: the luminaire is equipped with a plastic cable gland and a piece of cable for an easy-to-make connection. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP (DIRECT 230V version)

EU Regulation 874/2012 - Illumination equipment energy classes

A⁺⁺
A⁺
A

LED VERSION:
 Class A/A+/A++
 Luminaire supplied with integrated LED modules which cannot be replaced



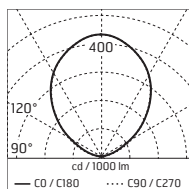
o. Inox

	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Installation requires a 20cm water drainage layer (gravel)
	Pre-wired with approx 250mm of cable.		Protection against water ingress from the cable
	Remote device required for 24V version		Static load: 500Kg walk over
	Glass surface temperature 70°C for LED source		Protection against impact. IK 08 - 5,00 joule

Chiara Mid-Power LED / Stainless Steel Frame - Sandblasted Glass

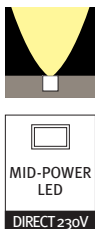
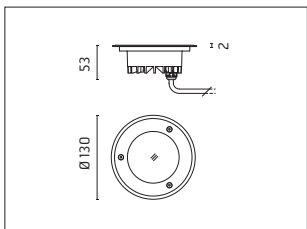


530001 **A A+ A++**
 COOL WHITE 6000K
 MID-POWER LEDs
 7W/220-230V
 Total power 7W
 LED lm 630 ≠ FIXT lm 543
 CRI>70
 Led module set up to work directly connected to the mains



m	lux Max	lux Med
5.00	9	3
4.00	15	5
3.00	26	9
2.00	59	19
1.00	235	78

$\alpha = 48.0^\circ + 48.0^\circ$ $\beta = 48.0^\circ + 48.0^\circ$

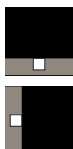


530002 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 7W/220-230V
 Total power 7W
 LED lm 555 ≠ FIXT lm 479
 CRI>80
 Led module set up to work directly connected to the mains

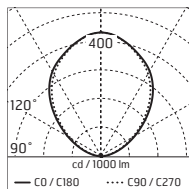


m	lux Max	lux Med
5.00	7	2
4.00	11	4
3.00	20	7
2.00	45	15
1.00	181	60

$\alpha = 48.0^\circ + 48.0^\circ$ $\beta = 46.0^\circ + 46.0^\circ$

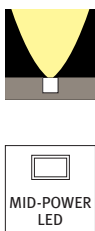
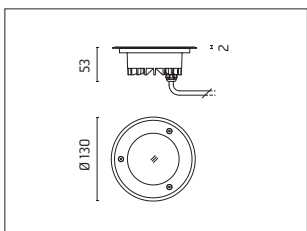


530003 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 7W/220-230V
 Total power 7W
 LED lm 525 ≠ FIXT lm 453
 CRI>80
 Led module set up to work directly connected to the mains



m	lux Max	lux Med
5.00	7	2
4.00	11	4
3.00	20	7
2.00	45	15
1.00	181	60

$\alpha = 48.0^\circ + 48.0^\circ$ $\beta = 46.0^\circ + 46.0^\circ$



530004 **A A+ A++**
 COOL WHITE 6000K
 MID-POWER LEDs
 7W/24Vdc
 Total power 7,3W
 LED lm 761 ≠ FIXT lm 409
 CRI>70
 Remote electronic power supply to be ordered
 ..||| Acc. 144 or 176



m	lux Max	lux Med
5.00	7	2
4.00	11	4
3.00	20	7
2.00	45	15
1.00	181	60

$\alpha = 48.0^\circ + 48.0^\circ$ $\beta = 46.0^\circ + 46.0^\circ$



530005 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 7W/24Vdc
 Total power 7,3W
 LED lm 734 ≠ FIXT lm 394
 CRI>80
 Remote electronic power supply to be ordered
 ..||| Acc. 144 or 176



m	lux Max	lux Med
5.00	7	2
4.00	11	4
3.00	20	7
2.00	45	15
1.00	181	60

$\alpha = 48.0^\circ + 48.0^\circ$ $\beta = 46.0^\circ + 46.0^\circ$

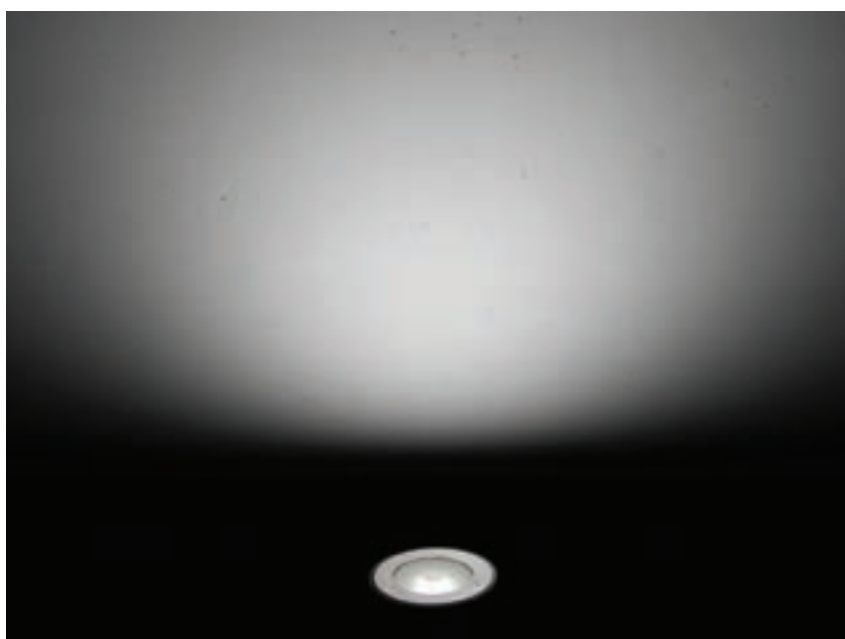


530006 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 7W/24Vdc
 Total power 7,3W
 LED lm 707 ≠ FIXT lm 308
 CRI>80
 Remote electronic power supply to be ordered
 ..||| Acc. 144 or 176



m	lux Max	lux Med
5.00	7	2
4.00	11	4
3.00	20	7
2.00	45	15
1.00	181	60

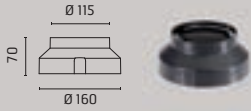
$\alpha = 48.0^\circ + 48.0^\circ$ $\beta = 46.0^\circ + 46.0^\circ$



Accessories: Chiara LED

50

BOX FOR INSTALLATION
Ø 160 H 70mm



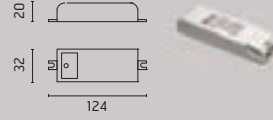
215

3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



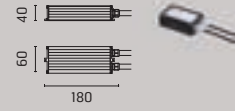
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



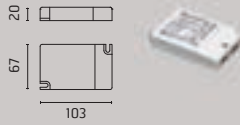
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



144

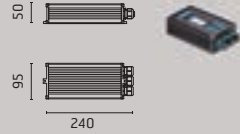
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

176

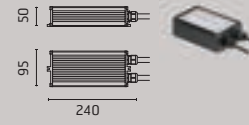
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

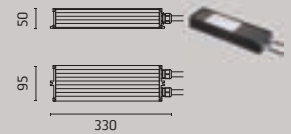
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



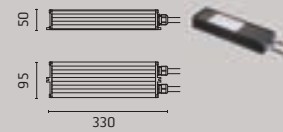
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



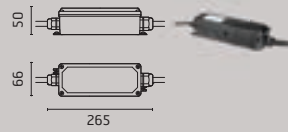
156

POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



237

SPD. (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	50	215	87	175	144	176	147	155	156	110	237
prod. code ▼											
530001	•	•									•
530002	•	•									•
530003	•	•									•
530004	•		•	•	•	•	•	•	•	•	
530005	•		•	•	•	•	•	•	•	•	
530006	•		•	•	•	•	•	•	•	•	

53mm



Clio





Clio

Design by Ares Concept

IP67 CE

- Round recessed luminaire for outdoor installation in wall and ground.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass, moulded silicone gasket, aluminium or AISI 316L stainless steel frame.
- Protection Rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: the luminaire is equipped with M16x1,5 plastic cable gland and a piece of cable for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP

EU Regulation 874/2012 - Illumination equipment energy classes

- A** LED BULB VERSION:
Class A
DRR/GU5,3
DR-PAR/GZ10
- B** HALOGEN VERSION:
Class B
QR-CBC51/GU5,3
- D** HALOGEN VERSION:
Class D
QRPARCBC51/GZ10



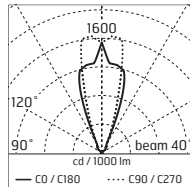
- Recessed ground fitting
- Do not install in hollow areas
- Pre-wired with approx 250mm of cable
- Remote device required
- Protection against impact.
IK 09 - 10,00 joule
- Installation requires a 30cm water drainage layer (gravel)
- Protection against water ingress from the cable
H2O STOP
- Static load: 1000Kg walk over (Ø 120mm version)
Static load: 1500Kg walk over (Ø 130mm version)
- Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation

Clio / Ø 120mm - Aluminium Frame - Transparent Glass - Fixed Symmetric Optic



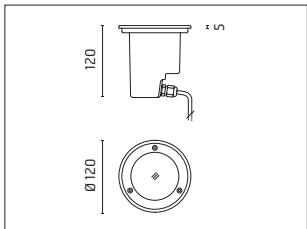
032856
QPAR CBC 51 50W/230V GZ10
T 180°C

Optional LED bulb
DR PAR 7,5W/230V GZ10
Lamp max size: Ø50 H.58
Photometric curve not available



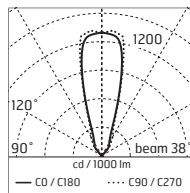
m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



033356
QR CBC 51 50W/12V GU5.3
T 180°C

Remote transformer to be ordered
Optional LED bulb
DRR 6,5W/12V a.c. GU5.3
Lamp max size: Ø50 H.48
Remote transformer to be ordered
Photometric curve not available



m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

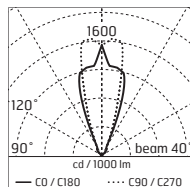
WARNING:
SELECT THE APPROPRIATE POWER
SUPPLY ACCORDING TO THE LED
BULB.

Clio / Ø 120mm - Aluminium Frame - Transparent Glass - Adjustable Optic



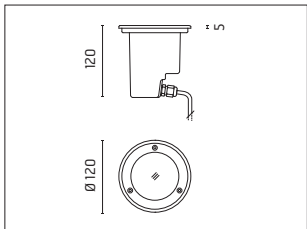
032815
QPAR CBC 51 50W/230V GZ10
T 180°C

Optional LED bulb
DR PAR 7,5W/230V GZ10
Lamp max size: Ø50 H.58
Photometric curve not available



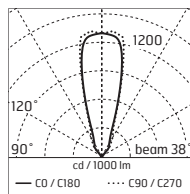
m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



033315
QR CBC 51 50W/12V GU5.3
T 180°C

Remote transformer to be ordered
Optional LED bulb
DRR 6,5W/12V a.c. GU5.3
Lamp max size: Ø50 H.48
Remote transformer to be ordered
Photometric curve not available



m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

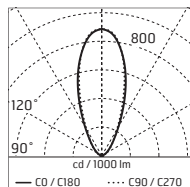
WARNING:
SELECT THE APPROPRIATE POWER
SUPPLY ACCORDING TO THE LED
BULB.

Clio / Ø 120mm - Aluminium Frame - Sandblasted Glass - Fixed Symmetric Optic



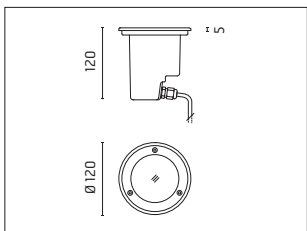
032823
QPAR CBC 51 50W/230V GZ10
T 180°C

Optional LED bulb
DR PAR 7,5W/230V GZ10
Lamp max size: Ø50 H.58
Photometric curve not available



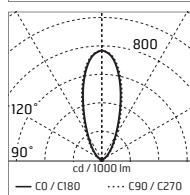
m	lux	
	Max	Med
5.00	22	16
4.00	42	24
3.00	75	43
2.00	168	97
1.00	672	389

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



033323
QR CBC 51 50W/12V GU5.3
T 180°C

Remote transformer to be ordered
Optional LED bulb
DRR 6,5W/12V a.c. GU5.3
Lamp max size: Ø50 H.48
Remote transformer to be ordered
Photometric curve not available

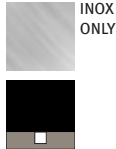


m	lux	
	Max	Med
5.00	23	14
4.00	36	21
3.00	65	38
2.00	146	85
1.00	583	339

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

WARNING:
SELECT THE APPROPRIATE POWER
SUPPLY ACCORDING TO THE LED
BULB.

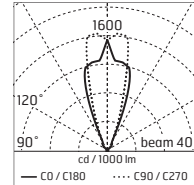
Clio / Ø 130mm - Stainless Steel Frame - Transparent Glass - Fixed Symmetric Optic



012856
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available

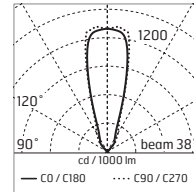
013356
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

WARNING:
 SELECT THE APPROPRIATE POWER
 SUPPLY ACCORDING TO THE LED
 BULB..



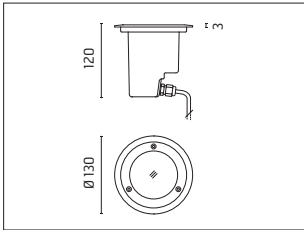
m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

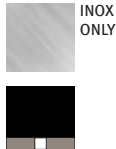


m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$



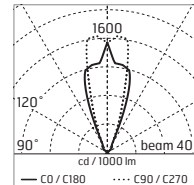
Clio / Ø 130mm - Stainless Steel Frame - Transparent Glass - Adjustable Optic



012815
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available

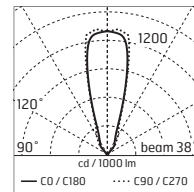
013315
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

WARNING:
 SELECT THE APPROPRIATE POWER
 SUPPLY ACCORDING TO THE LED
 BULB.



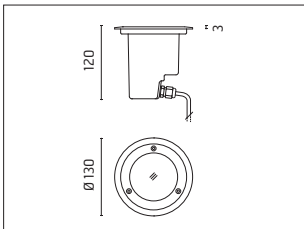
m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$



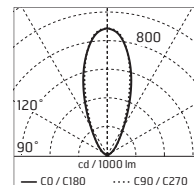
Clio / Ø 130mm - Stainless Steel Frame - Sandblasted Glass - Fixed Symmetric Optic



012828
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available

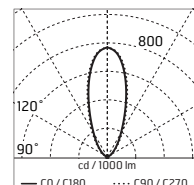
013328
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

WARNING:
 SELECT THE APPROPRIATE POWER
 SUPPLY ACCORDING TO THE LED
 BULB.



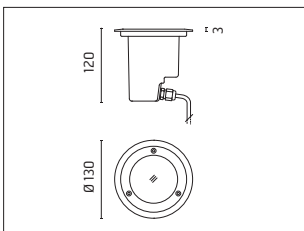
m	lux	
	Max	Med
5.00	22	16
4.00	42	24
3.00	75	43
2.00	168	97
1.00	672	389

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



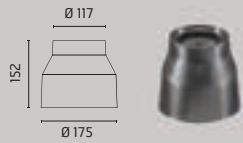
m	lux	
	Max	Med
5.00	23	14
4.00	36	21
3.00	65	38
2.00	146	85
1.00	583	339

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



Accessories: Clio

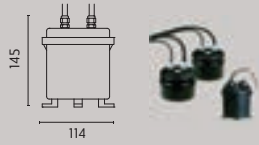
20
BOX FOR INSTALLATION
Ø 175 H 152mm



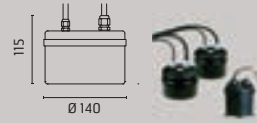
215
3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



16
TRANSFORMER 50W
230V/12V 50Hz IP 66



17
TRANSFORMER 200W
230V/12V 50Hz IP 66



18
TRANSFORMER 300W
230V/12V 50Hz IP 66



Accessories chart

acc. code ▶	20	215	16	17	18
prod. code ▼					
032856	•	•			
033356	•	•	•	•	•
032815	•	•			
033315	•	•	•	•	•
032823	•	•			
033323	•	•	•	•	•
012856	•	•			
013356	•	•	•	•	•
012815	•	•			
013315	•	•	•	•	•
012828	•	•			
013328	•	•	•	•	•





Gemma








Gemma

Design by Ares Concept










IP67   

- Recessed round luminaire for outdoor installation in the ground.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with a M20x1,5 plastic cable gland and a piece of cable for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP

EU Regulation 874/2012 - Illumination equipment energy classes

	LED BULB VERSION: Class A+ DRRA/C/E27
	METAL HALIDE VERSION: Class A/A+
	HIT-TC-CE/G8,5
	HALOGEN VERSION: Class B
	QR-CBC51/GU5,3
	HALOGEN VERSION: Class D
	QRPARCBC51/GZ10 QT32/E27

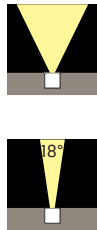
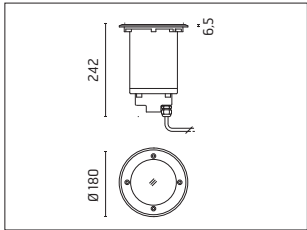


	Recessed ground fitting		Installation requires a 30cm water drainage layer (gravel)
	Do not install in hollow areas		Pre-wired with approx 250mm of cable
	Protection against water ingress from the cable H2O STOP		Static load: 3000Kg walk over
	Drive over 50Nm 5kN		Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation
	Protection against impact. IK 09 - 10,00 joule		

Gemma / Aluminium Frame - Transparent Glass - Symmetric Optic

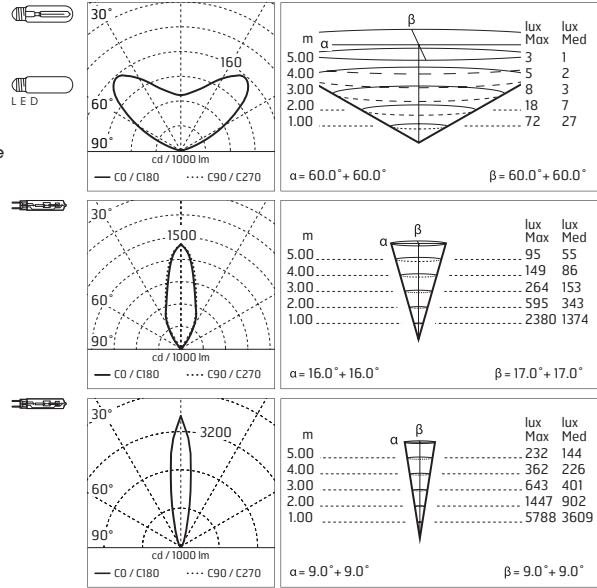


340113 D
 QT 32 60W E27
 T 160°C
 Optional LED bulb **A+**
 DRRA/C 10W E27
 Bulb max size: Ø60 H.110
 Photometric curve not available



346613 A A+
 HIT-TC-CE 20W G8,5
 Electronic ballast
 T 120°C

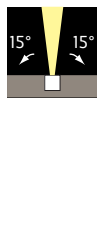
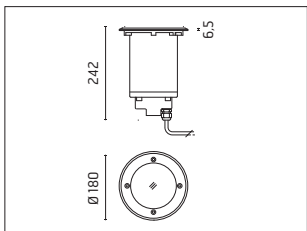
346612 A A+
 HIT-TC-CE 20W G8,5
 Electronic ballast
 T 120°C



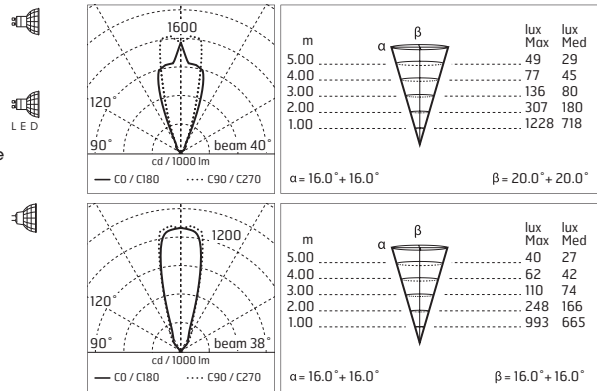
Gemma / Aluminium Frame - Transparent Glass - Adjustable Optic



342815 D
 QPAR CBC 51 50W/230V GZ10
 T 150°C
 Optional LED bulb **A**
 DR PAR 7,5W/230V GZ10
 Bulb max size: Ø50 H.58
 Photometric curve not available



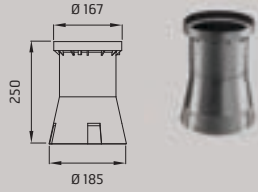
343315 B
 QR CBC 51 50W/12V GU5,3
 T 130°C
 Electronic transformer included



Accessories: Gemma

58

BOX FOR INSTALLATION
Ø 185 H 250mm



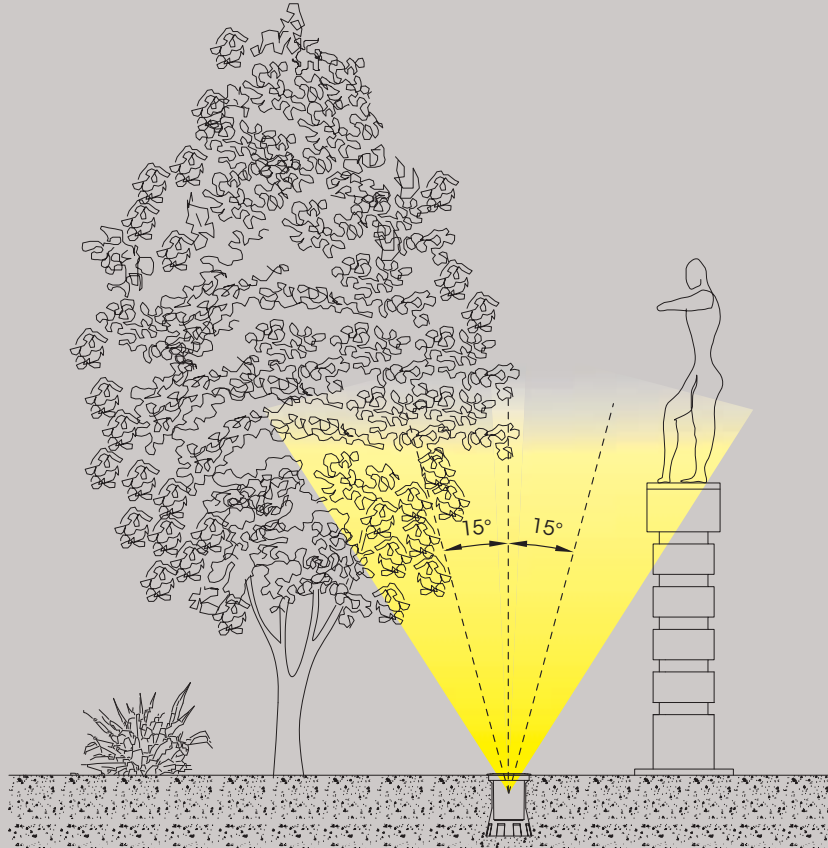
215

3/4 way terminal block 3 poles IP68
(Ø5,5±12mm cable)



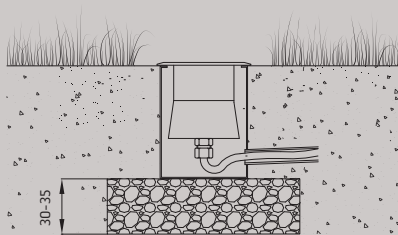
Accessories chart

acc. code ▶	58	215
prod. code ▼		
340113	●	●
346613	●	●
346612	●	●
342815	●	●
343315	●	●



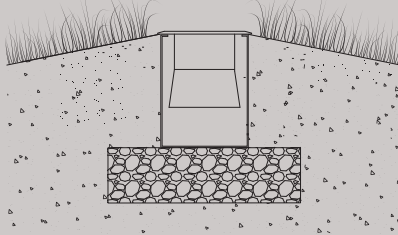
Correct Fixing Method

30cm gravel layer or drain system



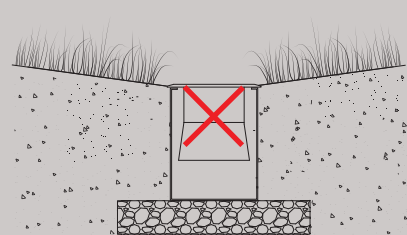
Correct Fixing Method

Install on raised areas



Incorrect Fixing Method

Do not install on hollow areas



Petra





Petra

Design by Ares Concept

IP67

- Recessed round luminaire for outdoor installation in the ground.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content). AISI 316L stainless steel frame.
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass (no-slip glass VA on request) and moulded silicone gasket.
- Protection Rating: IP67
- In compliance with EN 60598-1
- Class of insulation: I
- Installation: the luminaire is equipped with one M20 plastic cable gland (ø13mm) and a piece of cable for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >400mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP

EU Regulation 874/2012 - Illumination equipment energy classes

- LED BULB VERSION:**
Class A+
DRRA/C/E27
- METAL HALIDE VERSION:**
Class A+
HIT-CE/G12
HIT-DE/Rx7s
- SODIUM VAPOR VERSION:**
Class A+
HST-DE/Rx7s
- HALOGEN VERSION:**
Class D
QT32/E27



o. Inox



Recessed ground fitting



Do not install in hollow areas



Protection against water ingress from the cable



Drive over



Protection against impact.
IK 09 - 10,00 joule



Installation requires a 40cm water drainage layer (gravel)



Pre-wired with approx 250mm of cable




Static load: 2500Kg walk over (petra)
Static load: 3000Kg walk over (maxi petra)



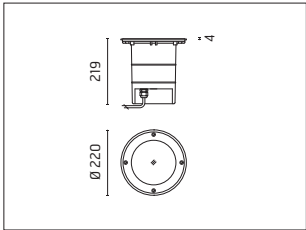
Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation

Petra / Symmetric Optic

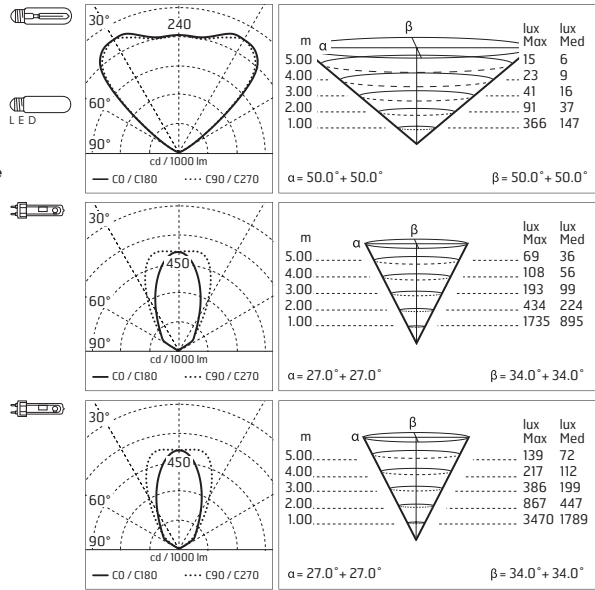


070113 D
 QT 32 100W E27
 T 190°C
 Optional LED bulb A+
 DRRA/C 13,5W E27
 Bulb max size: Ø62 H.116
 Photometric curve not available

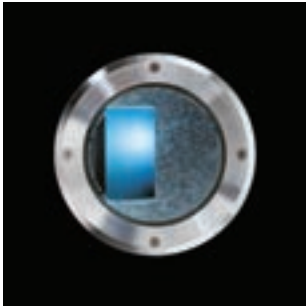
073513 A+
 HIT-CE 35W G12
 T 105°C



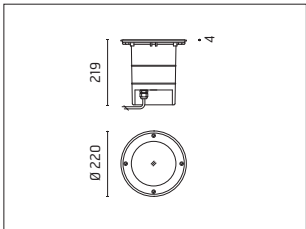
077113 A+
 HIT-CE 70W G12
 T 105°C



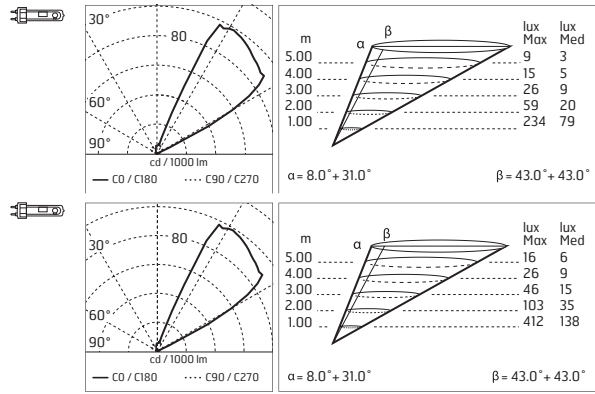
Petra / Asymmetric Optic



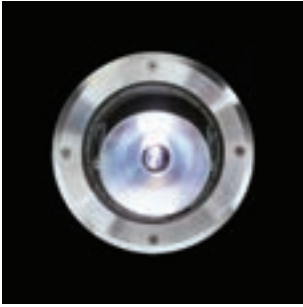
073514 A+
 HIT-CE 35W G12
 T 105°C



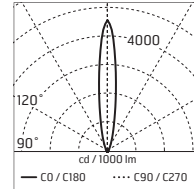
077114 A+
 HIT-CE 70W G12
 T 105°C



Petra / Adjustable Optic - Narrow Beam 16°



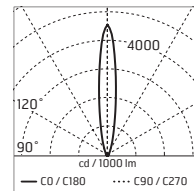
0735129 A+
HIT-CE 35W G12
T 105°C



m	lux	
	Max	Med
5.00	617	385
4.00	963	601
3.00	1713	1068
2.00	3853	2404
1.00	15413	9616

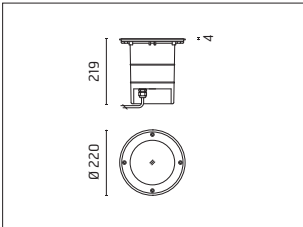
$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$

0771129 A+
HIT-CE 70W G12
T 105°C

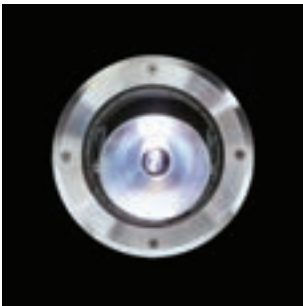


m	lux	
	Max	Med
5.00	1233	769
4.00	1927	1202
3.00	3425	2137
2.00	7706	4808
1.00	30825	19232

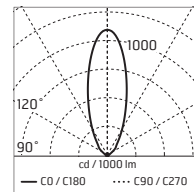
$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$



Petra / Adjustable Optic - Medium Beam 40°



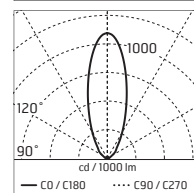
073515 A+
HIT-CE 35W G12
T 105°C



m	lux	
	Max	Med
5.00	148	87
4.00	232	136
3.00	412	241
2.00	928	543
1.00	3712	2173

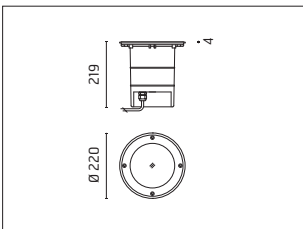
$\alpha = 18.0^\circ + 18.0^\circ$ $\beta = 18.0^\circ + 18.0^\circ$

077115 A+
HIT-CE 70W G12
T 105°C

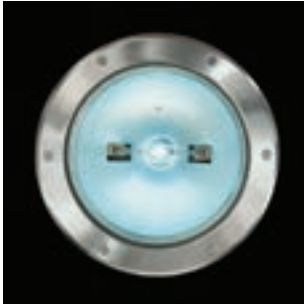


m	lux	
	Max	Med
5.00	297	174
4.00	464	272
3.00	825	483
2.00	1856	1086
1.00	7424	4346

$\alpha = 18.0^\circ + 18.0^\circ$ $\beta = 18.0^\circ + 18.0^\circ$

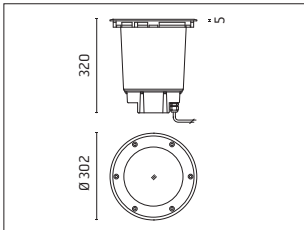
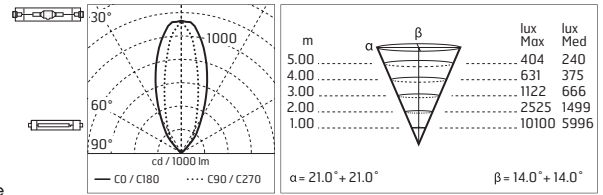


MaxiPetra / Symmetric Optic



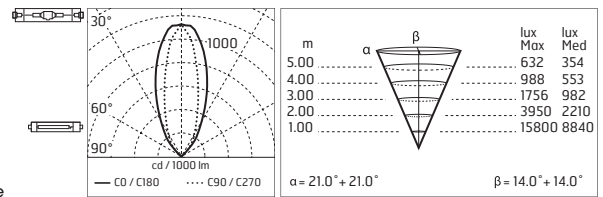
092913 A+
 HIT-DE 70W Rx7s
 T 160°C

Optional bulb
 HST-DE 70W Rx7s A+
 T 160°C
 Yellow light (2000K)
 Photometric curve not available



091913 A+
 HIT-DE 150W Rx7s
 T 165°C

Optional bulb
 HST-DE 150W Rx7s A+
 T 165°C
 Yellow light (2000K)
 Photometric curve not available

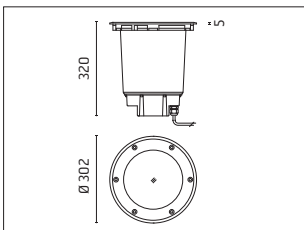
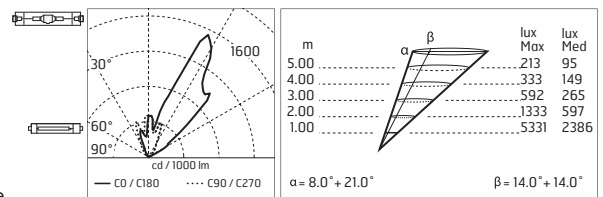


MaxiPetra / Asymmetric Optic



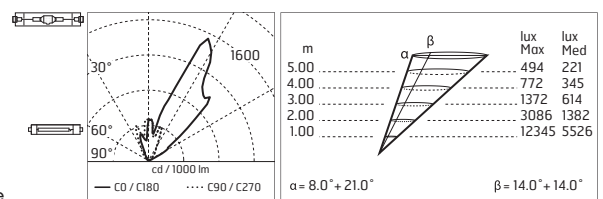
092914 A+
 HIT-DE 70W Rx7s
 T 160°C

Optional bulb
 HST-DE 70W Rx7s A+
 T 160°C
 Yellow light (2000K)
 Photometric curve not available



091914 A+
 HIT-DE 150W Rx7s
 T 165°C

Optional bulb
 HST-DE 150W Rx7s A+
 T 165°C
 Yellow light (2000K)
 Photometric curve not available

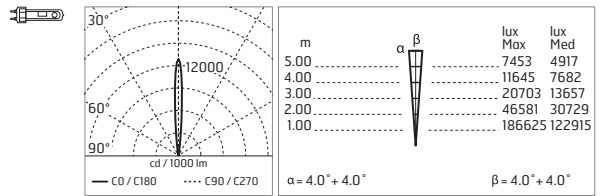
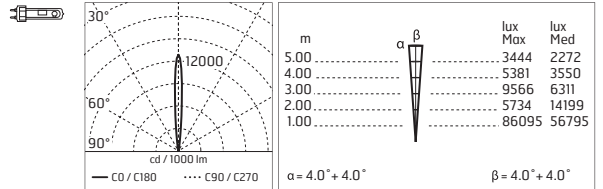
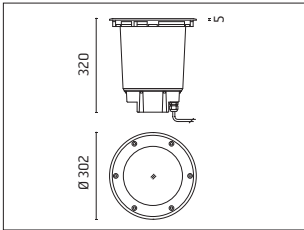


MaxiPetra / Adjustable Optic - Narrow Beam 8°



0971130 A+
HIT-CE 70W G12
T 160°C

0915130 A+
HIT-CE 150W G12
T 170°C

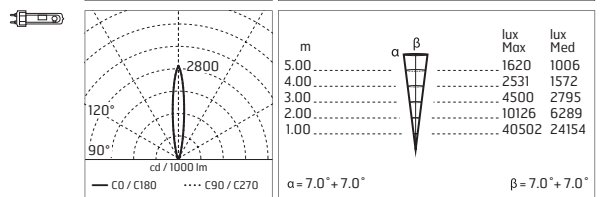
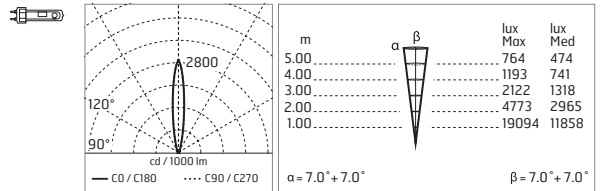
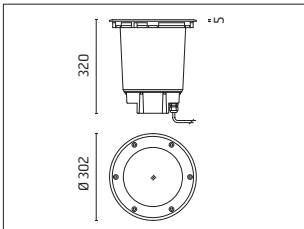


MaxiPetra / Adjustable Optic - Narrow Beam 15°



0971129 A+
HIT-CE 70W G12
T 160°C

0915129 A+
HIT-CE 150W G12
T 170°C

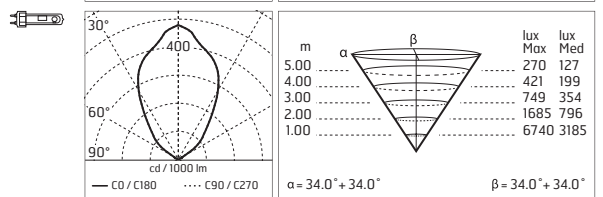
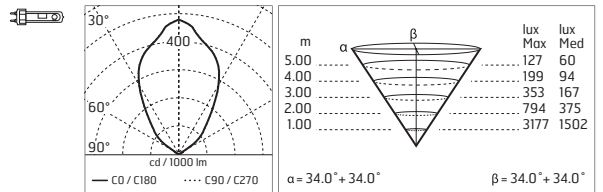
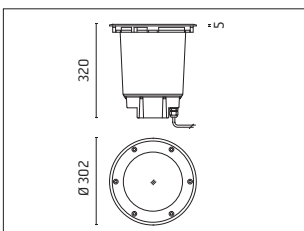


MaxiPetra / Adjustable Optic - Wide Beam 70°



0971115 A+
HIT-CE 70W G12
T 160°C

0915115 A+
HIT-CE 150W G12
T 170°C





Accessories: Petra

26

BOX FOR INSTALLATION
Ø 210 H 270mm



28

BOX FOR INSTALLATION
Ø 285 H 400mm



57

ANTI GLARE LOUVRE FOR MAXI PETRA
Ø 219mm



233

SANDBLASTED GLASS FOR PETRA
Ø 172mm



234

SANDBLASTED GLASS FOR MAXIPETRA
Ø 248mm



215

3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



Accessories chart

acc. code ▶	26	28	57	233	234	215
prod. code ▼						
070113	•			•		•
0735129	•			•		•
073513	•			•		•
073514	•			•		•
073515	•			•		•
0771129	•			•		•
077113	•			•		•
077114	•			•		•
077115	•			•		•
0915129		•	•		•	•
0915130		•	•		•	•
091515		•	•		•	•
091913		•			•	•
091914		•			•	•
092913		•			•	•
092914		•			•	•
0971129		•	•		•	•
0971130		•	•		•	•
097115		•	•		•	•

Idra





Idra - Idra LED (316L Stainless Steel)

Design by Ares Concept

IP67

- Recessed luminaire for outdoor installation in the ground.
- Configuration: AISI 316 deep-drawn stainless steel structure with milled AISI 316L stainless steel finish frame.
- Tempered transparent or sandblasted glass, moulded silicone gasket.
- The stainless steel structure allows installation on extreme conditions (sea or road salt).
- Protection Rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains:I; low voltage: III
- Installation:
 - Ø220mm version: the luminaire is equipped with M20x1,5 plastic cable gland and a piece of cable for an easy-to-make connection.
 - Ø130mm version: the luminaire is equipped with M16x1,5 plastic cable gland (4,5Ø10mm) and a piece of cable for an easy-to-make connection. LED version 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Idra LED is protected against polarity reversal and sudden voltage peak. LED Ø130 is protected against polarity reversal and it is equipped with a piece of cable for an easy-to-make connection (please provide effective insulation on the connection).
- Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box for installation (to be ordered separately). It is important to provide a 400mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP

EU Regulation 874/2012 - Illumination equipment energy classes

- LED VERSION:**
Class A+/A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced
- METAL HALIDE VERSION:**
Class A+
HIT-TC-CE/G8,5
- HALOGEN VERSION:**
Class B
QR-CBC51/GU5,3
- HALOGEN VERSION:**
Class D
QT32/E27
QPAR51/GU10



o. Inox

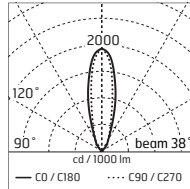


- Recessed ground fitting
- Installation requires a 40cm water drainage layer (gravel)
- Do not install in hollow areas
- Pre-wired with approx 250mm of cable
- Protection against water ingress from the cable
- Remote device required
- Static load: 2000Kg walk over
- Drive over
- Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation Glass surface temperature 70°C for LED source
- Protection against impact. IK 09 - 10,00 joule

Idra / Ø 130mm - Transparent Glass - Adjustable Optic



252815
 QPAR 51 35W/230V GU10
 T 132°C

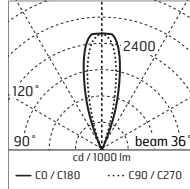


m	lux	
	Max	Med
5.00	16	9
4.00	25	14
3.00	44	25
2.00	99	57
1.00	395	228

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

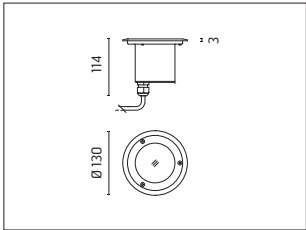
253315
 QR CBC 51 35W/12V GU5.3
 T 132°C

Remote transformer to be ordered



m	lux	
	Max	Med
5.00	73	48
4.00	114	74
3.00	203	132
2.00	458	297
1.00	1831	1189

$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

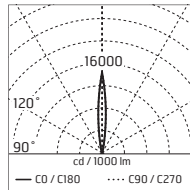


Idra Power LED / Ø 130mm - Transparent Glass - Symmetric Optic - Narrow Beam 10°



257312
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 404 ≠ FIXT lm 350
 CRI>70

Remote electronic power supply to be ordered

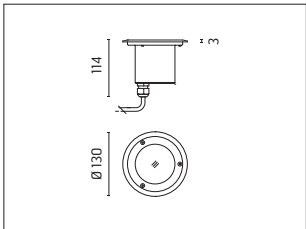


m	lux	
	Max	Med
5.00	200	122
4.00	313	191
3.00	556	340
2.00	1251	765
1.00	5005	3059

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

2517212
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 344 ≠ FIXT lm 298
 CRI>80

Remote electronic power supply to be ordered



255612
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 311 ≠ FIXT lm 270
 CRI>80

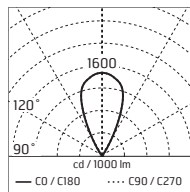
Remote electronic power supply to be ordered

Idra Power LED / Ø 130mm - Transparent Glass - Symmetric Optic - Wide Beam 50°



2573128
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 404 ≠ FIXT lm 290
 CRI>70

Remote electronic power supply to be ordered

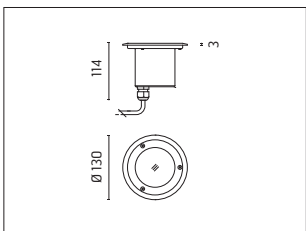


m	lux	
	Max	Med
5.00	17	10
4.00	27	16
3.00	47	28
2.00	107	63
1.00	427	253

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

25172128
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 344 ≠ FIXT lm 247
 CRI>80

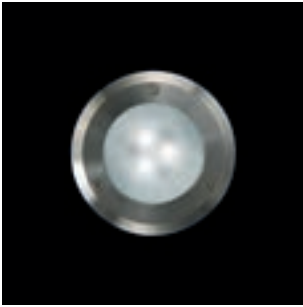
Remote electronic power supply to be ordered



2556128
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 311 ≠ FIXT lm 223
 CRI>80

Remote electronic power supply to be ordered

Idra Power LED / Ø 130mm - Sandblasted Glass - Symmetric Optic



257328 Ⓢ A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 404 ≠ FIXT lm 163
 CRI>70

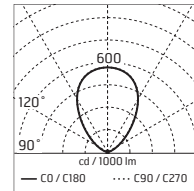
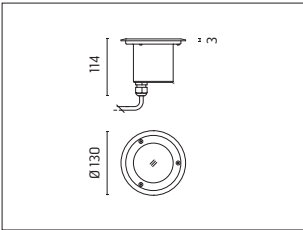
Remote electronic power supply to be ordered

2517228 Ⓢ A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 344 ≠ FIXT lm 139
 CRI>80

Remote electronic power supply to be ordered

255628 Ⓢ A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 311 ≠ FIXT lm 126
 CRI>80

Remote electronic power supply to be ordered



m	α	β	lux Max	lux Med
5.00			4	2
4.00			6	3
3.00			10	5
2.00			23	10
1.00			92	41

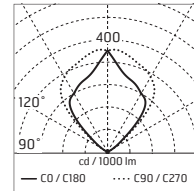
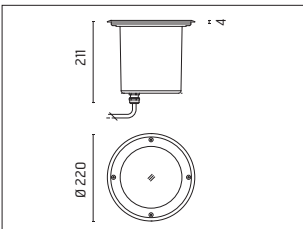
α = 39.0° + 39.0° β = 39.0° + 39.0°

Idra / Ø 220mm - Symmetric Optic - Transparent Glass



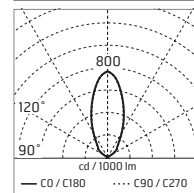
250113 Ⓢ D
 QT 32 100W E27
 T 170°C

256713 Ⓢ A+
 HIT-TC-CE 35W G8,5
 T 85°C



m	α	β	lux Max	lux Med
5.00			22	7
4.00			34	12
3.00			61	21
2.00			136	47
1.00			545	187

α = 45.0° + 45.0° β = 42.0° + 42.0°

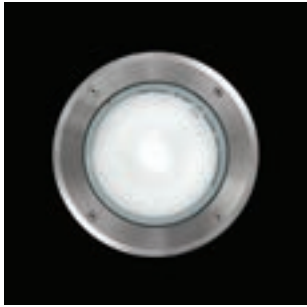


m	α	β	lux Max	lux Med
5.00			101	57
4.00			158	89
3.00			281	158
2.00			633	355
1.00			2533	1421

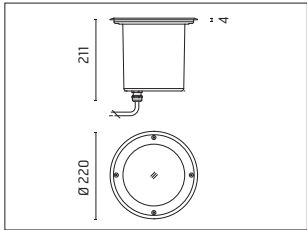
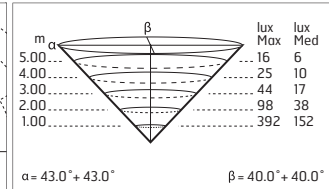
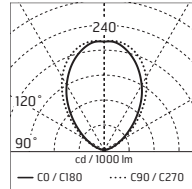
α = 22.0° + 22.0° β = 22.0° + 22.0°



Idra / Ø 220mm - Symmetric Optic - Sandblasted Glass



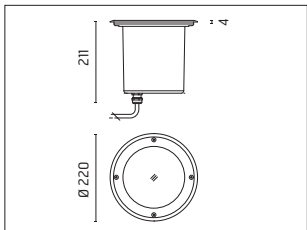
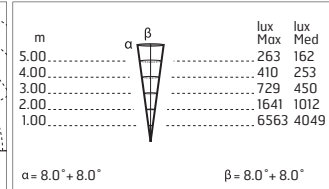
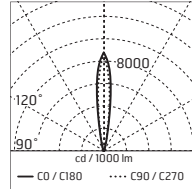
250157 ⊕ **D**
 QT 32 100W E27
 T 170°C



Idra Power LED / Ø 220mm - Adjustable Optic - Narrow Beam 15°



257612 ⊕ **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 9x1W/220-240V
 Total power 12W
 LED lm 1125 ≠ FIXT lm 751
 CRI>70
 Electronic power supply included



2518312 ⊕ **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9x1W/220-240V
 Total power 12W
 LED lm 1080 ≠ FIXT lm 708
 CRI>80
 Electronic power supply included

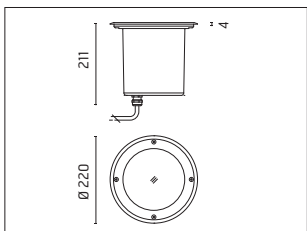
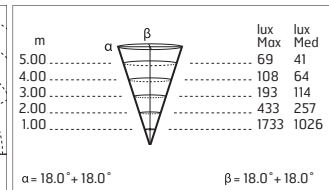
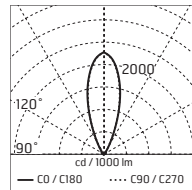
257712 ⊕ **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9x1W/220-240V
 Total power 12W
 LED lm 990 ≠ FIXT lm 692
 CRI>80
 Electronic power supply included



Idra Power LED / Ø 220mm - Adjustable Optic - Medium Beam 35°



257628 ⊕ **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 9x1W/220-240V
 Total power 12W
 LED lm 1125 ≠ FIXT lm 782
 CRI>70
 Electronic power supply included



2518328 ⊕ **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9x1W/220-240V
 Total power 12W
 LED lm 1080 ≠ FIXT lm 728
 CRI>80
 Electronic power supply included

257728 ⊕ **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9x1W/220-240V
 Total power 12W
 LED lm 990 ≠ FIXT lm 717
 CRI>80
 Electronic power supply included



Accessories: Idra - Idra LED

26

BOX FOR INSTALLATION
Ø 210 H 270mm



85

BOX FOR INSTALLATION
Ø 130 H 130mm



215

3/4 way terminal block 3 poles IP68
(Ø5,5±12mm cable)



16

TRANSFORMER 50W
230V/12V 50Hz IP 66



17

TRANSFORMER 200W
230V/12V 50Hz IP 66



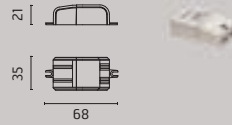
18

TRANSFORMER 300W
230V/12V 50Hz IP 66



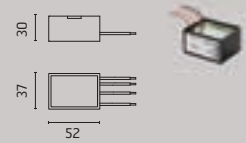
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc. 8W/100±240V
Iout 350mA: 6X1W/100±240V
IP20 CLASS II SELV EQ.



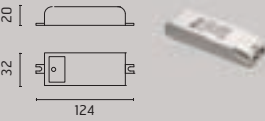
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc. 8W/100±240V
Iout 350mA: 6X1W/100±240V - IP65 CLASS II SELV EQ.



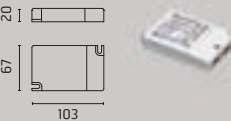
87

POWER SUPPLY 10W/110±240V - 24Vdc
IP20 CLASS II SELV.



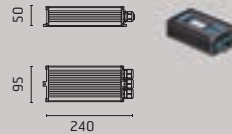
144

POWER SUPPLY 17W/110±240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



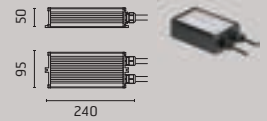
176

POWER SUPPLY 17W/110±240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



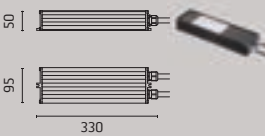
147

POWER SUPPLY 20W/220±240V - 24Vdc
IP67 CLASS II SELV.



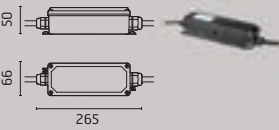
155

POWER SUPPLY 50W/120±240V - 24Vdc
IP67 CLASS II SELV.



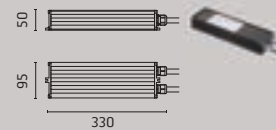
110

POWER SUPPLY 70W/220±240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W /120±240V - 24Vdc
IP67 CLASS II SELV.



237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	26	85	215	16	17	18	150	106	87	144	176	147	155	110	156	237
prod. code ▼																
250113	•		•													
250157	•		•													
252815		•	•													
253315		•	•	•	•	•										
255612		•	•				•	•	•	•	•	•	•	•	•	•
255628		•	•				•	•	•	•	•	•	•	•	•	•
256713	•		•													
257312		•	•				•	•	•	•	•	•	•	•	•	•
257328		•	•				•	•	•	•	•	•	•	•	•	•
257612	•		•													•
257628	•		•													•
257712	•		•													•
257728	•		•													•
2517212		•	•				•	•	•	•	•	•	•	•	•	•
2517228		•	•				•	•	•	•	•	•	•	•	•	•
2518312	•		•													•
2518328	•		•													•
2556128		•	•				•	•	•	•	•	•	•	•	•	•
2573128		•	•				•	•	•	•	•	•	•	•	•	•
25172128		•	•				•	•	•	•	•	•	•	•	•	•

Omicron





Omicron LED

Design by Ares Concept

IP65   

- Recessed light for outdoor installation on wall.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. Methacrylate diffuser and 316L stainless steel cover.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Omicron 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Omicron is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- The luminaire can be equipped with a dedicated box for installation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



o. Inox



Recessed wall fitting



Remote device required.



Glow wire test: 850°C



Pre-wired with approx
200mm of cable



Protection against
impact.
IK 10 - 20,00 joule

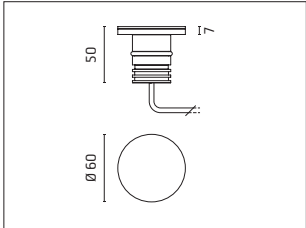
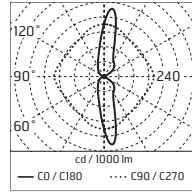
Omicron Power LED / Methacrylate Diffuser and 316L Stainless Steel Cover



516001 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 12
CRI >70

Remote electronic power supply to be ordered



516002 A A+ A++

NATURAL WHITE 4000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 11
CRI >80

Remote electronic power supply to be ordered



516003 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12-24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 10
CRI >80

Remote electronic power supply to be ordered



Accessories: Omicron LED

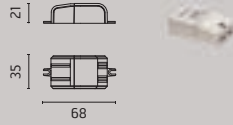
169

BOX FOR INSTALLATION
Ø 65 H 78mm



150

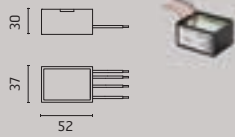
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



acc. code ▶	169	150	106	87	175	144	147	155	110	156
prod. code ▼										
516001	•	•	•	•	•	•	•	•	•	•
516002	•	•	•	•	•	•	•	•	•	•
516003	•	•	•	•	•	•	•	•	•	•

106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



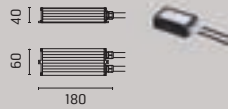
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



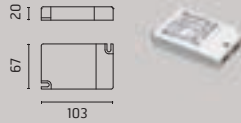
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



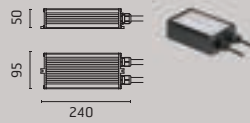
144

POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



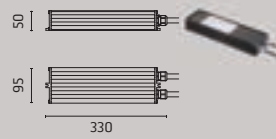
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



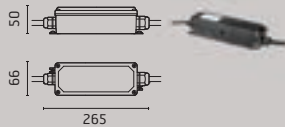
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



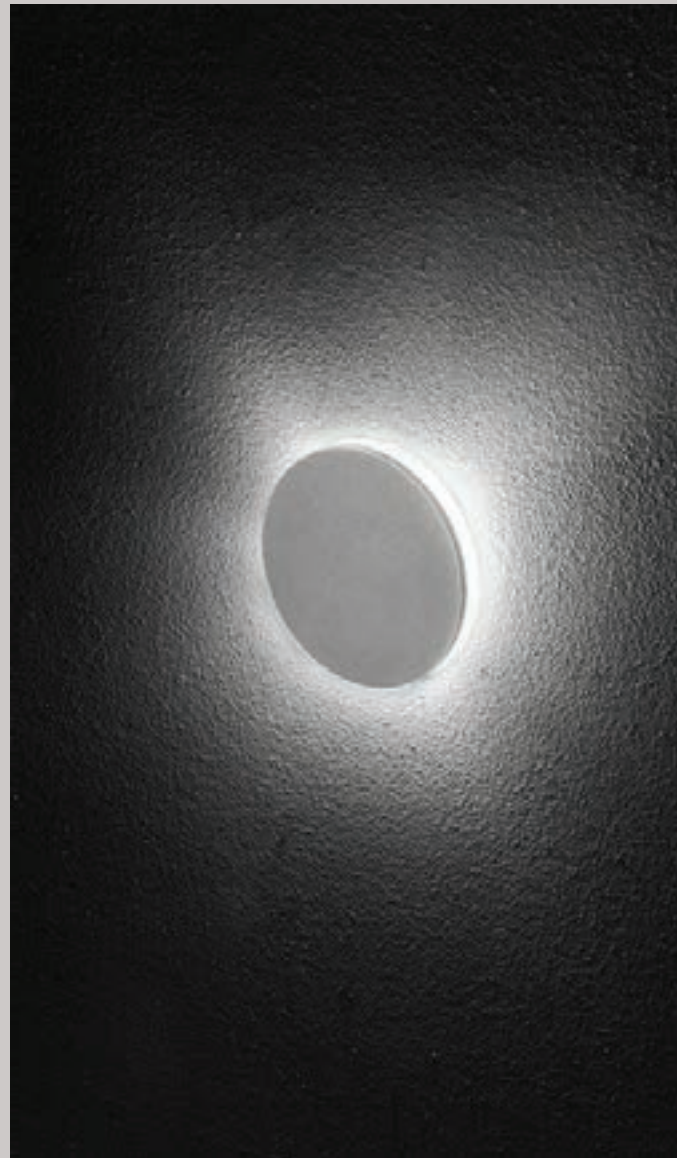
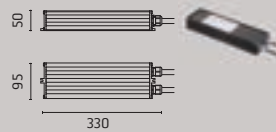
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



Trixie





Trixie LED

Design by Ares Concept

IP65   CE







- Slim rectangular and round luminaire for outdoor installation on wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Moulded transparent polycarbonate emitting unit (rectangular version) or transparent polyurethane resin filling (round version) and polished aluminium frame fixed by double-sided technical tape.
- Protection rating: IP65
- In compliance with EN 60598-1 standards.
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection, – two solutions possible: 24V feeding with remote power supply or 230V feeding with power supply hosted into a dedicated box (to be ordered separately).
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes

A⁺⁺
A⁺
A

LED VERSION:
 Class A/A+/A++
 Luminaire supplied
 with integrated LED modules
 which cannot be replaced

				
1. White	2. Aluminium	3. Anthracite	4. Black	9. Rust-red

 Recessed wall fitting.	 Wall fitting
 Pre-wired with approx 250mm of cable.	 Remote device required.
 Protection against impact. IK 08 - 5,00 joule	 Full cut-off luminaire (no light pollution)

Trixie Round Low Power LED / Transparent Diffuser



526001 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 2W/24Vdc
 Total power 1,9W
 LED lm 161 ≠ FIXT lm 98
 CRI >80

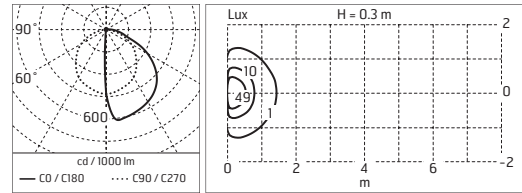
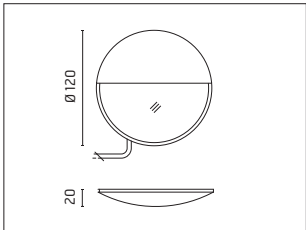
Remote electronic power supply
 to be ordered
 ..||| Acc. 144 or 176

526002 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 2W/24Vdc
 Total power 1,9W
 LED lm 156 ≠ FIXT lm 95
 CRI >80

Remote electronic power supply
 to be ordered
 ..||| Acc. 144 or 176

526003 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 2W/24Vdc
 Total power 1,9W
 LED lm 149 ≠ FIXT lm 91
 CRI >80

Remote electronic power supply
 to be ordered
 ..||| Acc. 144 or 176



Trixie Low Power LED / Transparent Diffuser



1029400 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 2W/24Vdc
 Total power 1,9W
 LED lm 161 ≠ FIXT lm 83
 CRI >80

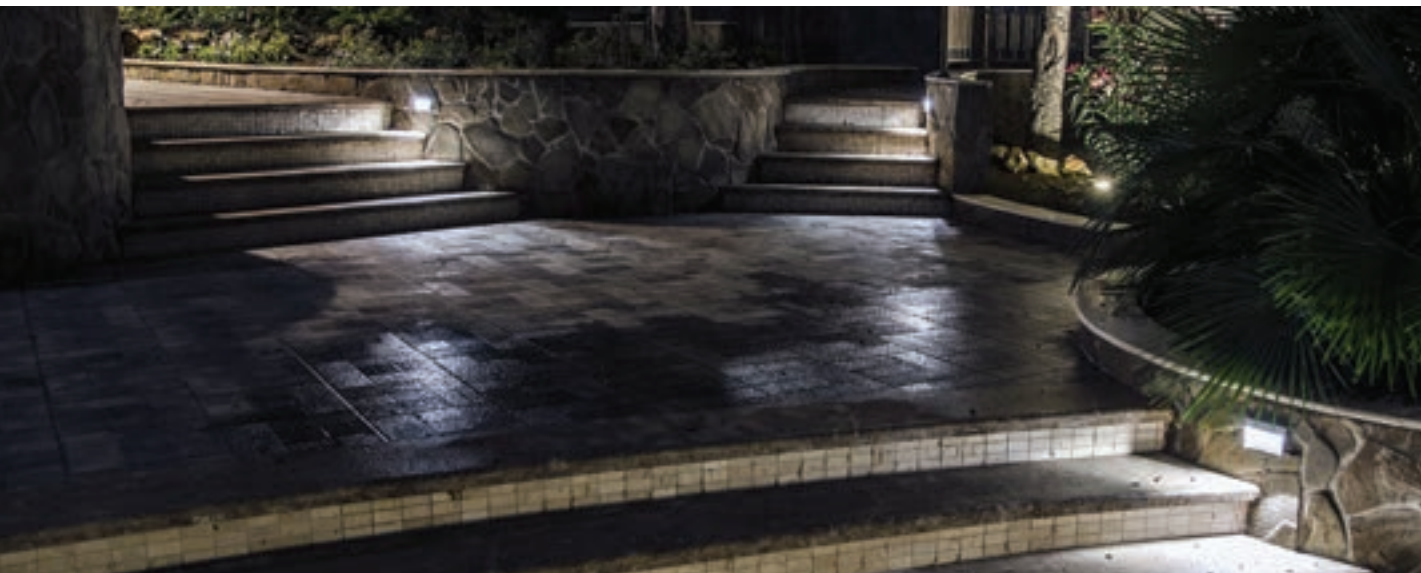
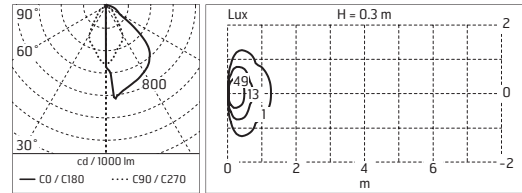
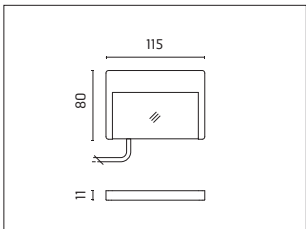
Remote electronic power supply
 to be ordered
 ..||| Acc. 144 or 176

10222900 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 2W/24Vdc
 Total power 1,9W
 LED lm 156 ≠ FIXT lm 79
 CRI >80

Remote electronic power supply
 to be ordered
 ..||| Acc. 144 or 176

1029500 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 2W/24Vdc
 Total power 1,9W
 LED lm 149 ≠ FIXT lm 73
 CRI >80

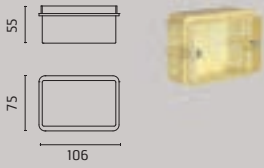
Remote electronic power supply
 to be ordered
 ..||| Acc. 144 or 176



Accessories: Trixie LED

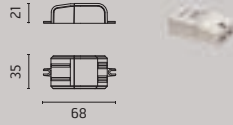
105

BOX FOR INSTALLATION
106 x 75 H 55mm



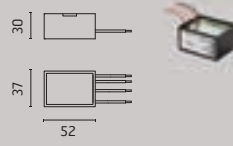
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout 350mA: 6X1W/100±240V
IP20 CLASS II SELV EQ.



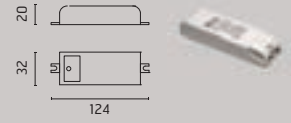
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout 350mA: 6X1W/100±240V - IP65 CLASS II SELV EQ.



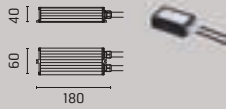
87

POWER SUPPLY 10W/110±240V - 24Vdc
IP20 CLASS II SELV.



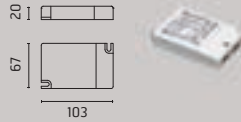
175

POWER SUPPLY 10W/110±240V - 24Vdc
IP67 CLASS II SELV.



144

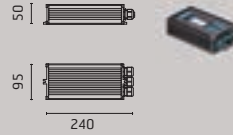
POWER SUPPLY 17W/110±240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



...DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

176

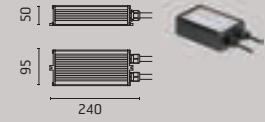
POWER SUPPLY 17W/110±240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



...DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

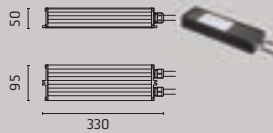
147

POWER SUPPLY 20W/220±240V - 24Vdc
IP67 CLASS II SELV.



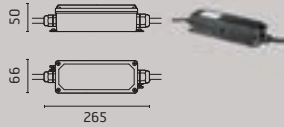
155

POWER SUPPLY 50W/120±240V - 24Vdc
IP67 CLASS II SELV.



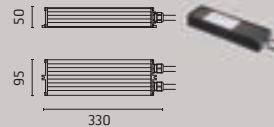
110

POWER SUPPLY 70W/220±240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W /120±240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

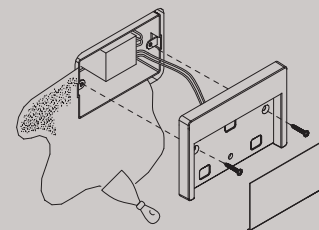
acc. code ▶	105	150	106	87	175	144	176	147	155	110	156
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526002	•	•	•	•	•	•	•	•	•	•	•
526003	•	•	•	•	•	•	•	•	•	•	•

Accessories chart

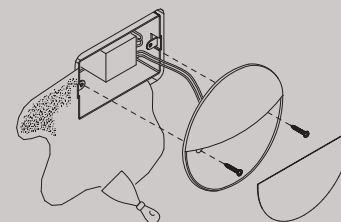
acc. code ▶	105	150	106	87	175	144	176	147	155	110	156
1029400	•	•	•	•	•	•	•	•	•	•	•
1029500	•	•	•	•	•	•	•	•	•	•	•
10222900	•	•	•	•	•	•	•	•	•	•	•



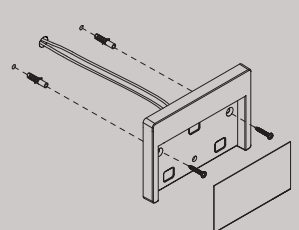
Trixie with box cod.105



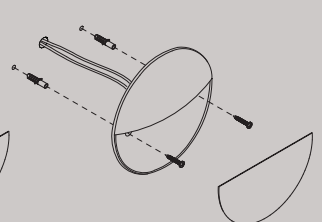
Trixie Round with box cod.105



Trixie without box cod.105



Trixie Round without box cod.105



Camilla





Camilla
Camilla LED
Design by Ares Concept

IP65

- Recessed rectangular luminaire for outdoor installation in the wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered sandblasted glass with silkscreen border. The glass is fixed to the aluminium structure through a robotic gluing system
- Electrical components are housed into the removable back side.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; LED module: I,III; RGB: III
- Installation: wiring through 2 M16x1,5mm cable glands for (4,5xø10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	FLUORESCENT VERSION: Class A TC-SEL/2G7

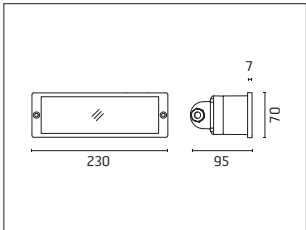
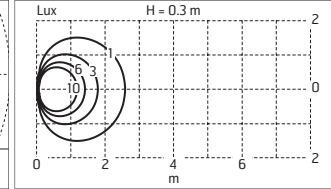
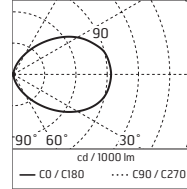
1. White	2. Aluminium	3. Anthracite	4. Black	9. Rust-red

	Recessed wall fitting.		The fitting is equipped with 2 cable input.
	Remote device.		Protection against impact. IK 08 - 5,00 joule

Camilla / L 230 mm - Symmetric Emission



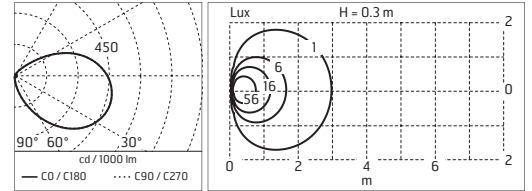
115141111 
 TC-SEL 9W 2G7
 Electronic ballast



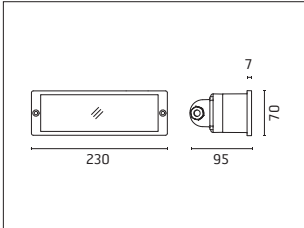
Camilla Mid-Power LED / L 230 mm - Asymmetric/Symmetric Emission - Adjustable Optic



115146111
 COOL WHITE 6000K
 MID-POWER LEDs
 3,5W/100÷240V
 Total power 5W
 LED lm 381 ≠ FIXT lm 186
 CRI >70
 Electronic power supply included

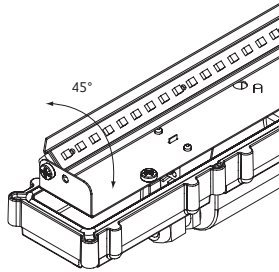


115199111
 NATURAL WHITE 4000K
 MID-POWER LEDs
 3,5W/100÷240V
 Total power 5W
 LED lm 367 ≠ FIXT lm 179
 CRI >80
 Electronic power supply included

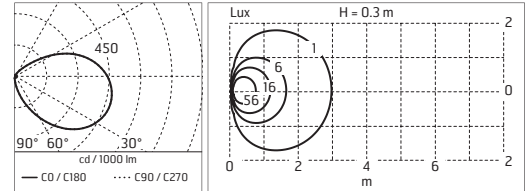


115147111
 WARM WHITE 3000K
 MID-POWER LEDs
 3,5W/100÷240V
 Total power 5W
 LED lm 353 ≠ FIXT lm 173
 CRI >80
 Electronic power supply included

Supplied with asymmetric emission

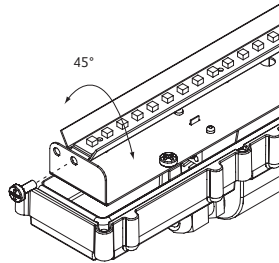


115200111
 COOL WHITE 6000K
 MID-POWER LEDs
 3,5W/24Vdc
 Total power 3,4W
 LED lm 381 ≠ FIXT lm 186
 CRI >70
 Remote electronic power supply to be ordered
 ..illl Acc. 144 or 176



115201111
 NATURAL WHITE 4000K
 MID-POWER LEDs
 3,5W/24Vdc
 Total power 3,4W
 LED lm 367 ≠ FIXT lm 179
 CRI >80

Move the LED module to get the symmetric emission



Remote electronic power supply to be ordered
 ..illl Acc. 144 or 176

115202111
 WARM WHITE 3000K
 MID-POWER LEDs
 3,5W/24Vdc
 Total power 3,4W
 LED lm 353 ≠ FIXT lm 173
 CRI >80
 Remote electronic power supply to be ordered
 ..illl Acc. 144 or 176

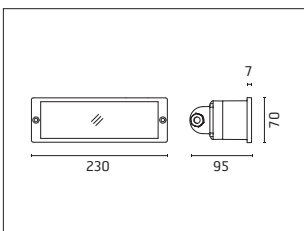
Camilla RGB Low Power LED / L 230 mm - Asymmetric/Symmetric Emission - Adjustable Optic



115203111
 RGB
 LOW POWER LEDs
 4,5W/3CHx24Vdc
 Total power 4,5W
 Remote electronic power supply to be ordered

Wiring diagram and installation scheme RGB
 Max 10 luminaires CAMILLA RGB L.230
 for each code 148

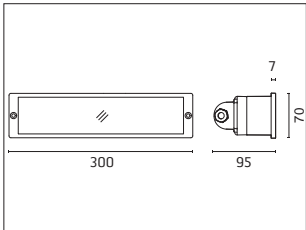
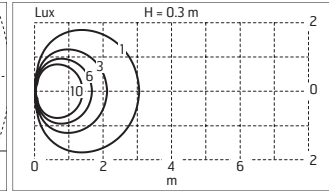
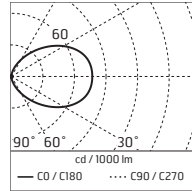
>> See Page 630
 Wiring Diagram n.6



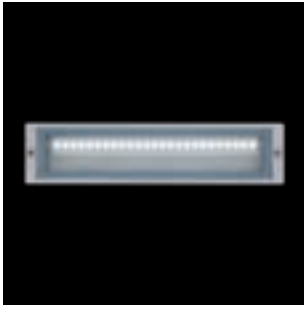
Camilla / L 300 mm - Symmetric Emission



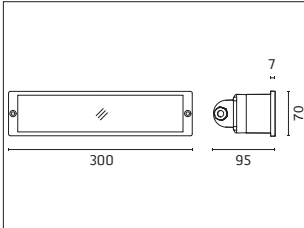
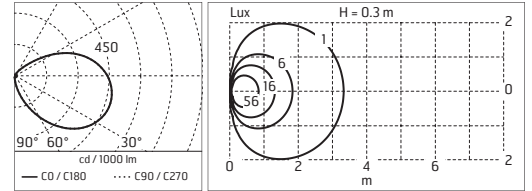
115141110 
 TC-SEL 11W 2G7
 Electronic ballast



Camilla Mid-Power LED / L 300 mm - Asymmetric/Symmetric Emission - Adjustable Optic



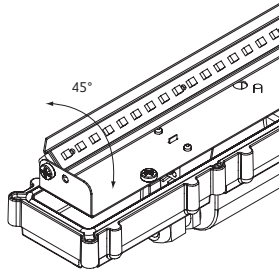
115148110
 COOL WHITE 6000K
 MID-POWER LEDs
 5W/100÷240V
 Total power 7W
 LED lm 571 ≠ FIXT lm 272
 CRI >70
 Electronic power supply included



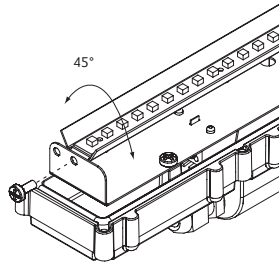
115204110
 NATURAL WHITE 4000K
 MID-POWER LEDs
 5W/100÷240V
 Total power 7W
 LED lm 551 ≠ FIXT lm 262
 CRI >80
 Electronic power supply included

115149110
 WARM WHITE 3000K
 MID-POWER LEDs
 5W/100÷240V
 Total power 7W
 LED lm 530 ≠ FIXT lm 252
 CRI >80
 Electronic power supply included

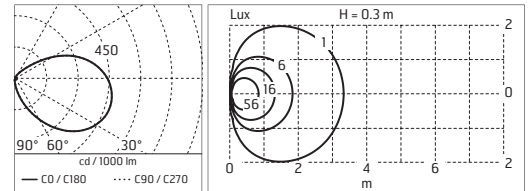
Supplied with asymmetric emission



Move the LED module to get the symmetric emission



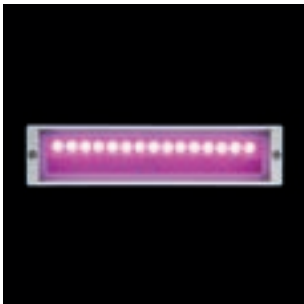
115205110
 COOL WHITE 6000K
 MID-POWER LEDs
 5W/24Vdc
 Total power 5.2W
 LED lm 571 ≠ FIXT lm 272
 CRI >70
 Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176



115206110
 NATURAL WHITE 4000K
 MID-POWER LEDs
 5W/24Vdc
 Total power 5.2W
 LED lm 551 ≠ FIXT lm 262
 CRI >80
 Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176

115207110
 WARM WHITE 3000K
 MID-POWER LEDs
 5W/24Vdc
 Total power 5.2W
 LED lm 530 ≠ FIXT lm 252
 CRI >80
 Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176

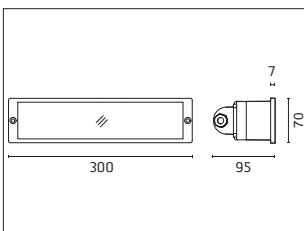
Camilla RGB Low Power LED / L 300 mm - Asymmetric/Symmetric Emission - Adjustable Optic



115208110
 RGB
 LOW POWER LEDs
 7,5W/3CHx24Vdc
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 6 luminaires CAMILLA RGB L.300
 for each code 148

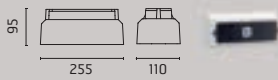
>> See Page 630
 Wiring Diagram n.6



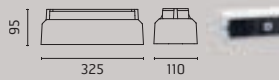


Accessories: Camilla - Camilla LED

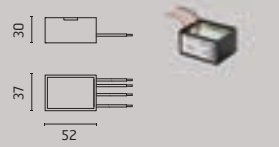
123
BOX FOR INSTALLATION
255 x 110 x H 95mm



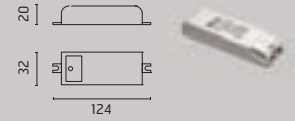
124
BOX FOR INSTALLATION
325 x 110 x H95 mm



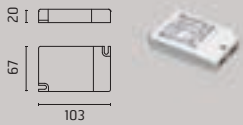
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.

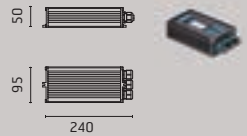


144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



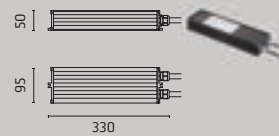
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.

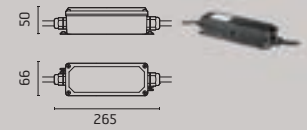


... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

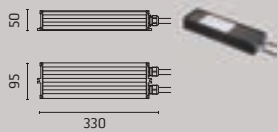
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



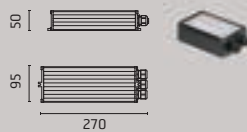
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



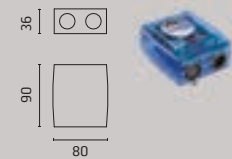
148
POWER SUPPLY with DMX interface for RGB
fixtures 55W/220÷230V-3CHx24Vdc
(3CHx18W) DMX controller allowed
IP67 CLASS I SELV EQ.



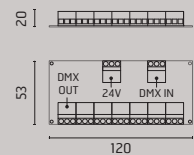
142
DMX CONTROLLER, dimmer switch for
recessed box (60mm hole centres)



143
DMX CONTROLLER, stand-alone/PC interface



187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT AND 7
OUTPUT. 12÷24Vdc POWER SUPPLY TO BE
ORDERED (87 OR 175 RECOMMENDED)



186
DMX CABLE - SHIELDED TWISTED PAIR WITH
110 Ohm CONSTANT IMPEDANCE.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	123	124	106	87	144	176	155	110	156	148	142	143	187	186	237
prod. code ▼															
115141110		•													
115141111	•														
115146111	•														•
115147111	•														•
115148110		•													•
115149110		•													•
115199111	•														•
115200111	•		•	•	•	•	•	•	•	•					
115201111	•		•	•	•	•	•	•	•	•					
115202111	•		•	•	•	•	•	•	•	•					
115203111	•											•	•	•	•
115204110		•													•
115205110		•	•	•	•	•	•	•	•	•					
115206110		•	•	•	•	•	•	•	•	•					
115207110		•	•	•	•	•	•	•	•	•					
115208110		•										•	•	•	•

Alice





Alice










Alice LED

Design by Ares Concept

IP65    

- Compact recessed luminaire for outdoor installation in the wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered sandblasted glass, moulded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I, LED module: I, III
- Installation: wiring through two M16 plastic cable glands (4,5xØ10mm) placed on the back side of the fitting. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2
	FLUORESCENT VERSION: Class A/B TC-D/G24d-3
	
	HALOGEN VERSION: Class C/D QT-DE12/R7s
	
	HALOGEN VERSION: Class D QT32/E27



Recessed wall fitting.



The fitting is equipped with 2 cable input.



Remote device required.



Protection against impact.
IK 08 - 5,00 joule

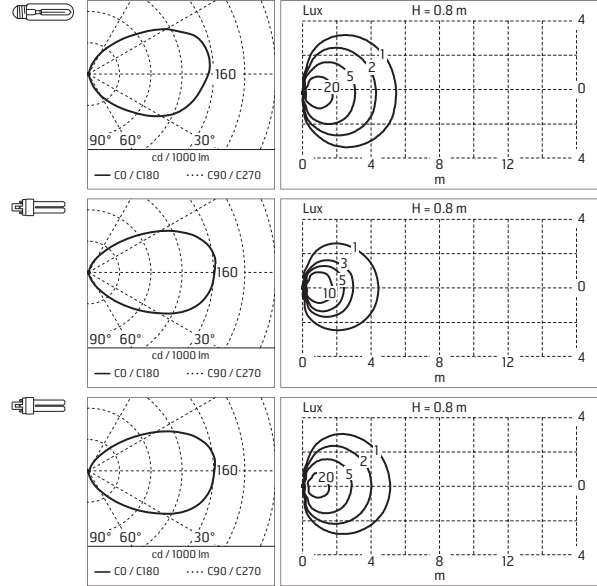
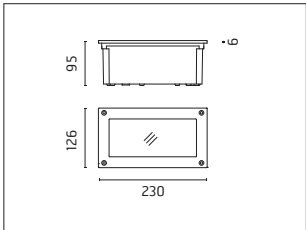
Alice / All Light



820123 ⊕ **D**
QT 32 60W E27

825923 ⊕ **A**
TC-DEL 18W G24q-2
Electronic ballast

820923 ⊕ **B A**
TC-D 26W G24d-3



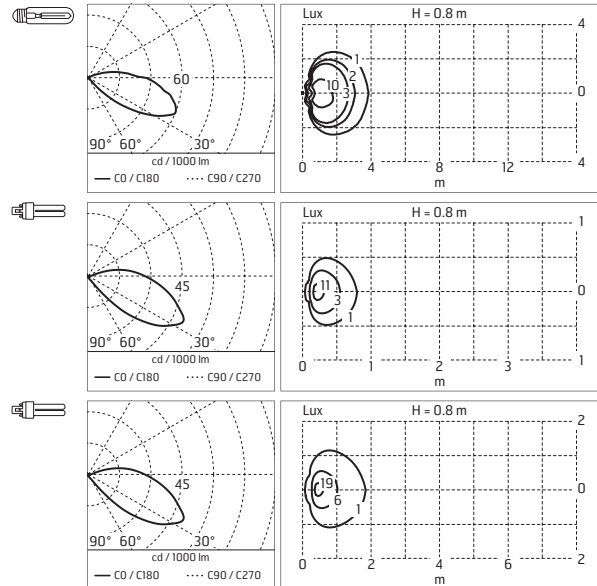
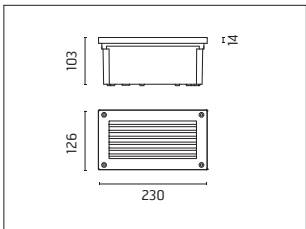
Alice / Louvre



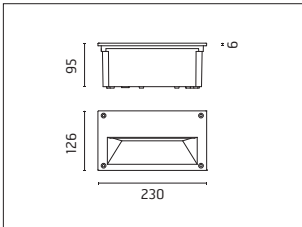
820105 ⊕ **D**
QT 32 60W E27

825905 ⊕ **A**
TC-DEL 18W G24q-2
Electronic ballast

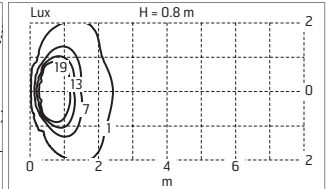
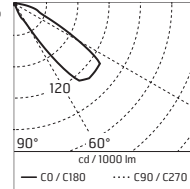
820905 ⊕ **B A**
TC-D 26W G24d-3



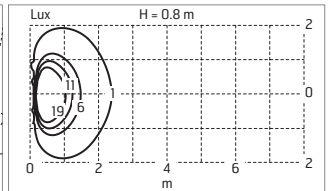
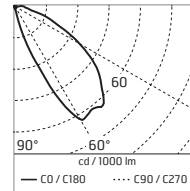
Alice / Horizontal Frame



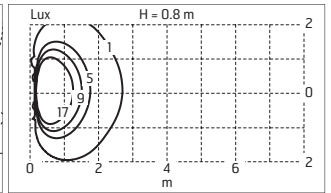
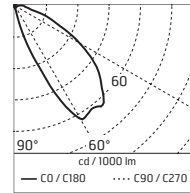
820117
QT 32 60W E27



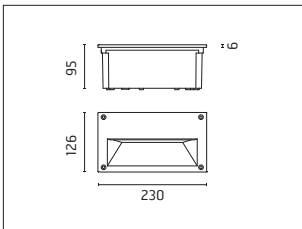
825917
TC-DEL 18W G24q-2
Electronic ballast



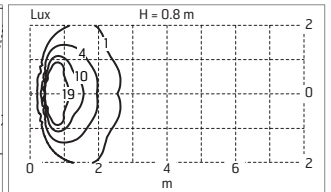
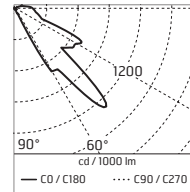
820917
TC-D 26W G24d-3



Alice Power LED / Horizontal Frame



8212417
COOL WHITE 6000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 650 = FIXT lm 91
CRI >70
Electronic power supply included



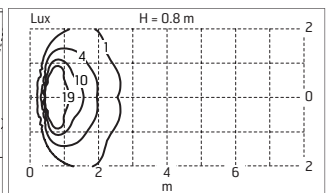
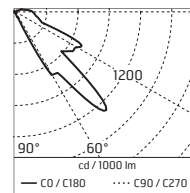
8220917
NATURAL WHITE 4000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 560 = FIXT lm 78
CRI >80
Electronic power supply included



8212517
WARM WHITE 3000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 520 = FIXT lm 73
CRI >80
Electronic power supply included



8225717
COOL WHITE 6000K
POWER LEDs
5x1W/24Vdc
Total power 6,7W
LED lm 650 = FIXT lm 91
CRI >70
Remote electronic power supply to be ordered



8225817
NATURAL WHITE 4000K
POWER LEDs
5x1W/24Vdc
Total power 6,7W
LED lm 560 = FIXT lm 78
CRI >80
Remote electronic power supply to be ordered



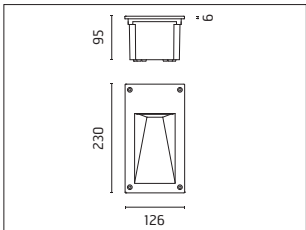
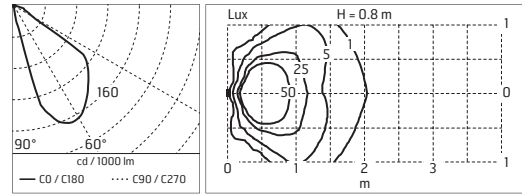
8225917
WARM WHITE 3000K
POWER LEDs
5x1W/24Vdc
Total power 6,7W
LED lm 520 = FIXT lm 73
CRI >80
Remote electronic power supply to be ordered



Alice / Vertical Frame



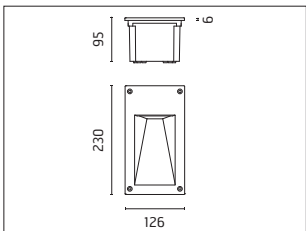
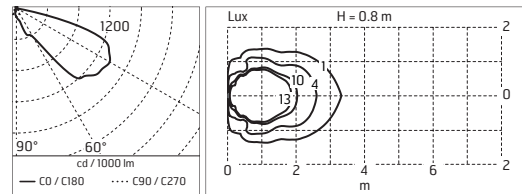
821818
 QT-DE 12 60W R7s (75mm)



Alice Power LED / Vertical Frame



8212118
 COOL WHITE 6000K
 POWER LEDs
 3x1W/100÷240V
 Total power 6W
 LED lm 404 ≠ FIXT lm 95
 CRI >70
 Electronic power supply included

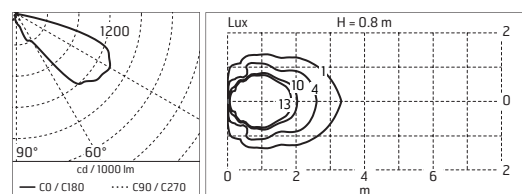


8218218
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/100÷240V
 Total power 6W
 LED lm 344 ≠ FIXT lm 81
 CRI >80
 Electronic power supply included



8212218
 WARM WHITE 3000K
 POWER LEDs
 3x1W/100÷240V
 Total power 6W
 LED lm 311 ≠ FIXT lm 73
 CRI >80
 Electronic power supply included

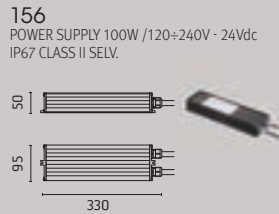
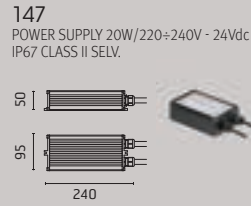
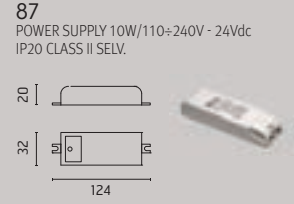
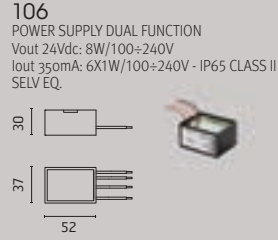
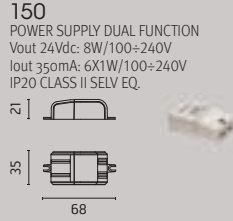
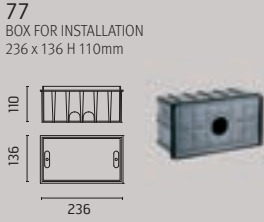
8226018
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 404 ≠ FIXT lm 95
 CRI >70
 Remote electronic power supply to be ordered



8226118
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 344 ≠ FIXT lm 81
 CRI >80
 Remote electronic power supply to be ordered

8226218
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 311 ≠ FIXT lm 73
 CRI >80
 Remote electronic power supply to be ordered

Accessories: Alice - Alice LED



Accessories chart

acc. code ▶	77	150	106	87	175	144	147	110	155	156	237
prod. code ▼											
820105	•										
820117	•										
820123	•										
820905	•										
820917	•										
820923	•										
821818	•										
825905	•										
825917	•										
825923	•										
8212118	•										•
8212218	•										•
8212417	•										•
8212517	•										•
8218218	•										•
8220917	•										•
8225717	•			•	•	•	•	•	•	•	
8225817	•			•	•	•	•	•	•	•	
8225917	•			•	•	•	•	•	•	•	
8226018	•	•	•	•	•	•	•	•	•	•	
8226118	•	•	•	•	•	•	•	•	•	•	
8226218	•	•	•	•	•	•	•	•	•	•	

Alfia





Alfa

Alfa LED

Design by Ares Concept

IP54

- Recessed luminaire for outdoor installation in the wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass glued to the frame and moulded silicone gaskets.
- Protection Rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, LED module: II, III
- Installation: wiring through two rubber cable holders. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holders. Installation requires a dedicated box to be ordered separately.

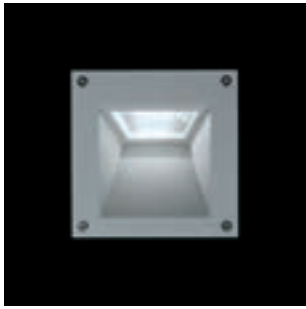
EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	METAL HALIDE VERSION: Class A+ HIT-CE/G12 HIT-DE/RX75
	FLUORESCENT VERSION: Class A TC-DEL/G24q-3
	HALOGEN VERSION: Class D QT32/E27 QT14/G9

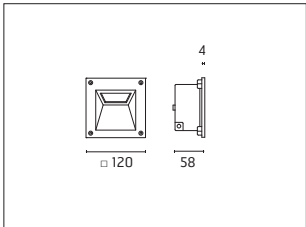
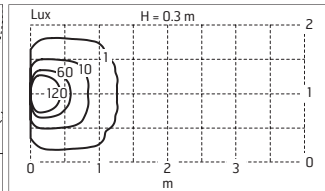
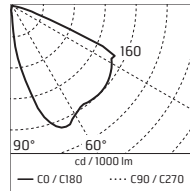


	Recessed wall fitting.		Bollard light
	The fitting is equipped with 2 cable input.		Remote device required
	Protection against impact. IK 08 - 5,00 joule		

MiniAlfia / Transparent Glass



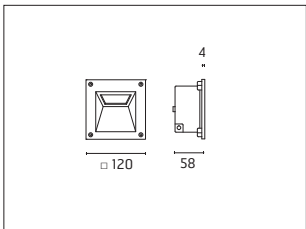
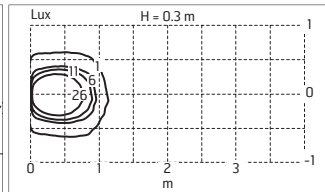
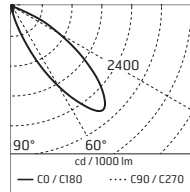
812700
 QT 14 40W/230V G9



MiniAlfia Power LED / Transparent Glass



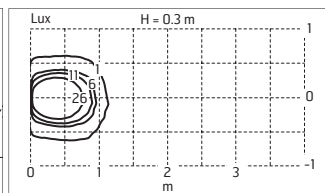
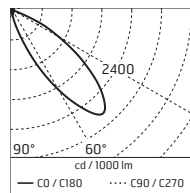
816800
 COOL WHITE 6000K
 POWER LEDs
 2x1W/100÷240V
 Total power 4W
 LED lm 260 ≠ FIXT lm 69
 CRI >70
 Electronic power supply included



8121300
 NATURAL WHITE 4000K
 POWER LEDs
 2x1W/100÷240V
 Total power 4W
 LED lm 224 ≠ FIXT lm 60
 CRI >80
 Electronic power supply included

816400
 WARM WHITE 3000K
 POWER LEDs
 2x1W/100÷240V
 Total power 4W
 LED lm 208 ≠ FIXT lm 55
 CRI >80
 Electronic power supply included

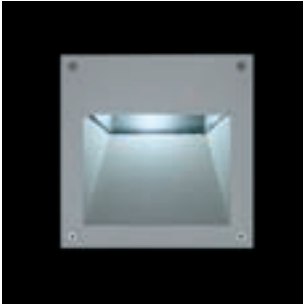
8121400
 COOL WHITE 6000K
 POWER LEDs
 2x1W/24Vdc
 Total power 3,1W
 LED lm 260 ≠ FIXT lm 69
 CRI >70
 Remote electronic power supply to be ordered



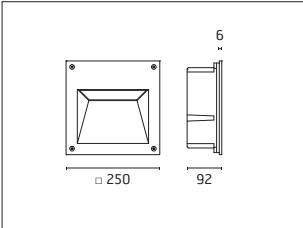
8121500
 NATURAL WHITE 4000K
 POWER LEDs
 2x1W/24Vdc
 Total power 3,1W
 LED lm 224 ≠ FIXT lm 60
 CRI >80
 Remote electronic power supply to be ordered

8121600
 WARM WHITE 3000K
 POWER LEDs
 2x1W/24Vdc
 Total power 3,1W
 LED lm 208 ≠ FIXT lm 55
 CRI >80
 Remote electronic power supply to be ordered

Alfia / Transparent Glass



820100
QT 32 100W E27

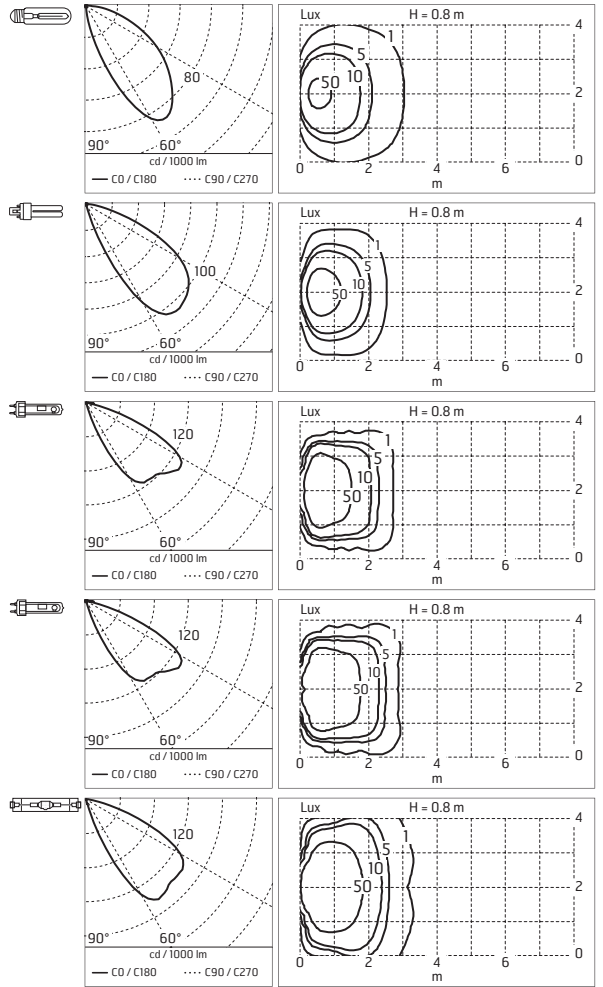


826100
TC-DEL 26W G24q-3
Electronic ballast

823500
HIT-CE 35W G12

827100
HIT-CE 70W G12

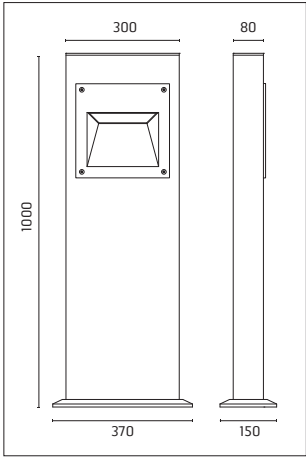
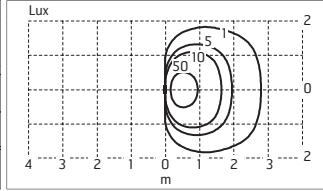
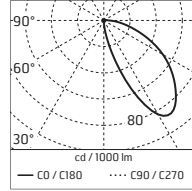
822900
HIT-DE 70W Rx7s



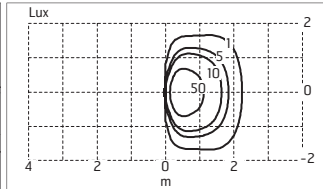
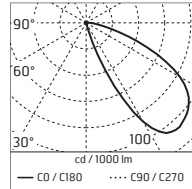
Alfa on Post / Transparent Glass



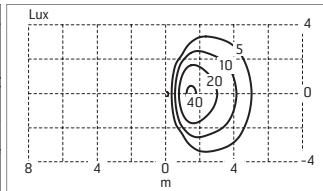
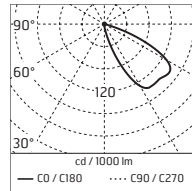
820164 ⊕ **D**
QT 32 100W E27



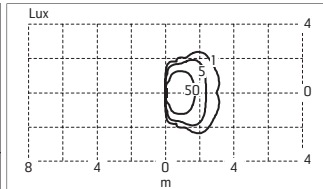
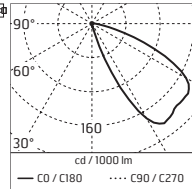
826164 ⊕ **A**
TC-DEL 26W G24q-3
Electronic ballast



823564 ⊕ **A+**
HIT-CE 35W G12



822964 ⊕ **A+**
HIT-DE 70W Rx7s



Accessories: Alfia - Alfia LED

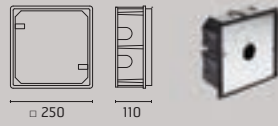
59

BOX FOR INSTALLATION
120 x 120 H 60mm



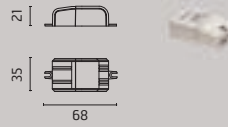
60

BOX FOR INSTALLATION
250 x 250 H 110mm



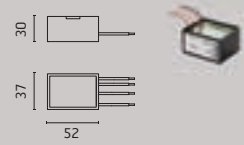
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



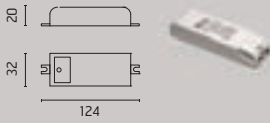
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



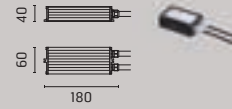
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



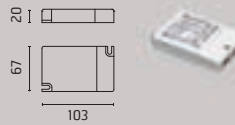
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



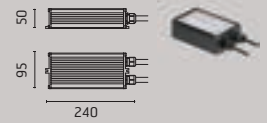
144

POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



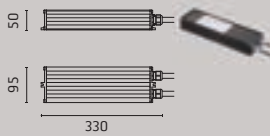
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



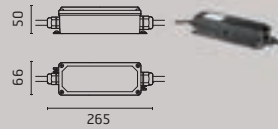
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



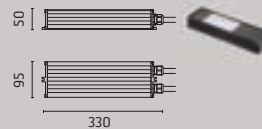
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	59	60	150	106	87	175	144	147	155	110	156	237
prod. code ▼												
812700	•											
816400	•											•
816800	•											•
8121300	•											•
8121400	•		•	•	•	•	•	•	•	•	•	
8121500	•		•	•	•	•	•	•	•	•	•	
8121600	•		•	•	•	•	•	•	•	•	•	
820100		•										
822900		•										
823500		•										
826100		•										
827100		•										
820164												
822964												
823564												
826164												

Leila

NEW
2015



Leila LED

Design by Ares Concept

IP66    

- Recessed round LED luminaire for installation outdoor (ceiling)
- Configuration: die-cast aluminium structure, EN AB 47100 alloy (low copper content). AISI 316L stainless steel outer frame.
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are complaint with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Textured glass with silkscreen border fixed to the aluminium structure through a robotic gluing system.
- Protection Rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: II; version 230V: I
- Installation: All versions with LED module for direct connection to 230V are equipped with a piece of cable. We recommend the use of a connection system with a protection degree \geq to the protection degree of the luminaire. All versions with wiring Kit are equipped with a watertight M12 connector providing optimal insulation against water ingress and quick connection to the wiring unit (supplied with the luminaire as a remote IP67 Kit with electronic power supply)

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced



Recessed ceiling fitting



Pre-wired with approx 250mm of cable



Protection against water ingress from the cable



Protection against impact
IK 06 - 1,00 joule

Leila105 CoB LED / Stainless Steel Frame - Medium Beam 20°



536001

COOL WHITE 5000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 1135 ≠ FIXT lm 739
CRI >70

Kit with remote electronic power supply

536002

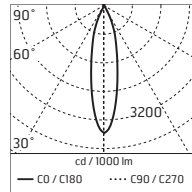
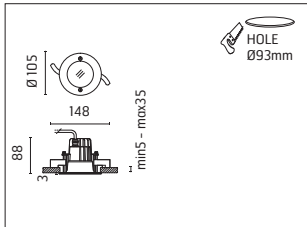
NATURAL WHITE 4000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 1030 ≠ FIXT lm 671
CRI >80

Kit with remote electronic power supply

536003

WARM WHITE 3000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 975 ≠ FIXT lm 635
CRI >80

Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	2696	1678
2.00	674	419
3.00	300	186
4.00	168	105
5.00	108	67

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Leila105 CoB LED / Stainless Steel Frame - Wide Beam 45°



536004

COOL WHITE 5000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 1135 ≠ FIXT lm 916
CRI >70

Kit with remote electronic power supply

536005

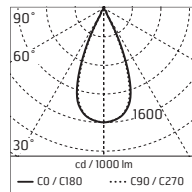
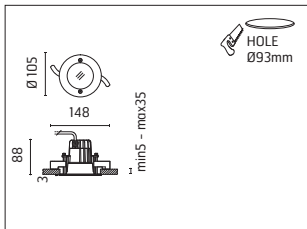
NATURAL WHITE 4000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 1030 ≠ FIXT lm 831
CRI >80

Kit with remote electronic power supply

536006

WARM WHITE 3000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 975 ≠ FIXT lm 787
CRI >80

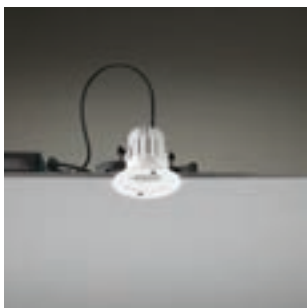
Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	1327	798
2.00	332	199
3.00	147	89
4.00	83	50
5.00	53	32

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

Leila105 CoB LED / Painted Frame - Medium Beam 20°



536007

COOL WHITE 5000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 1135 ≠ FIXT lm 739
CRI >70

Kit with remote electronic power supply

536008

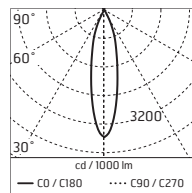
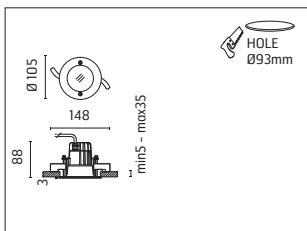
NATURAL WHITE 4000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 1030 ≠ FIXT lm 671
CRI >80

Kit with remote electronic power supply

536009

WARM WHITE 3000K
CoB LED
9W/220÷240V
Total power 12W
LED lm 975 ≠ FIXT lm 635
CRI >80

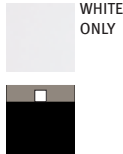
Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	2696	1678
2.00	674	419
3.00	300	186
4.00	168	105
5.00	108	67

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

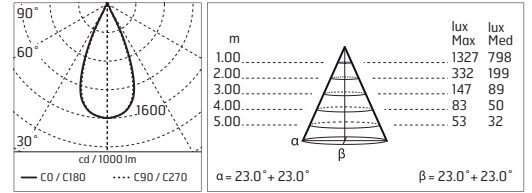
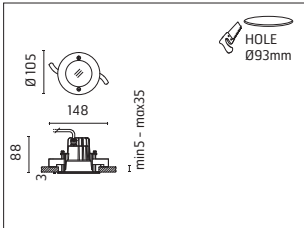
Leila105 CoB LED / Painted Frame - Wide Beam 45°



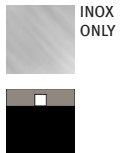
536010
 COOL WHITE 5000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 1135 ≠ FIXT lm 916
 CRI >70
 Kit with remote electronic power supply

536011
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 1030 ≠ FIXT lm 831
 CRI >80
 Kit with remote electronic power supply

536012
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 975 ≠ FIXT lm 787
 CRI >80
 Kit with remote electronic power supply

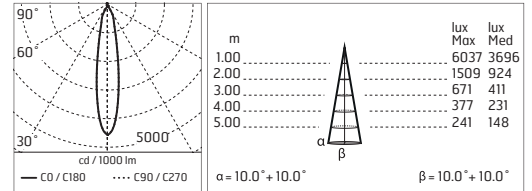
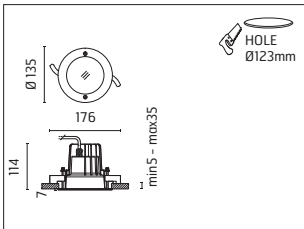


Leila135 CoB LED / Stainless Steel Frame - Medium Beam 20°

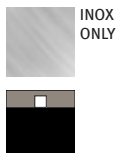


536013
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 16W
 LED lm 1827 ≠ FIXT lm 1315
 CRI >80
 Kit with remote electronic power supply

536014
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 16W
 LED lm 1737 ≠ FIXT lm 1250
 CRI >80
 Kit with remote electronic power supply

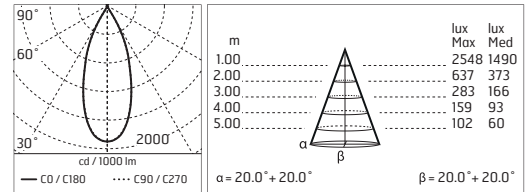
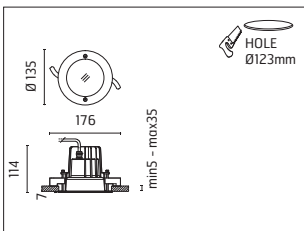


Leila135 CoB LED / Stainless Steel Frame - Wide Beam 40°

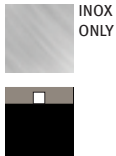
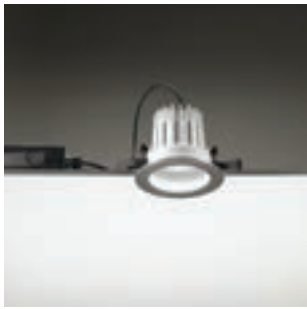


536015
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 16W
 LED lm 1827 ≠ FIXT lm 1339
 CRI >80
 Kit with remote electronic power supply

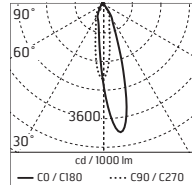
536016
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 16W
 LED lm 1737 ≠ FIXT lm 1274
 CRI >80
 Kit with remote electronic power supply



Leila135 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Medium Beam 20°

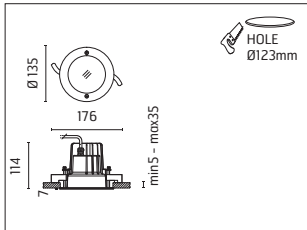


536017 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 14W/220-240V
 Total power 16W
 LED lm 1390 ≠ FIXT lm 867
 CRI >80
 Kit with remote electronic power supply



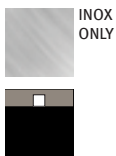
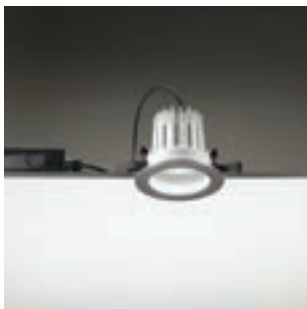
m	lux	
	Max	Med
1.00	3153	1947
2.00	788	487
3.00	350	216
4.00	197	122
5.00	126	78

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

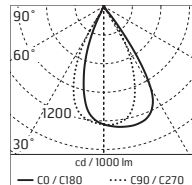


536018 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 14W/220-240V
 Total power 16W
 LED lm 1320 ≠ FIXT lm 820
 CRI >80
 Kit with remote electronic power supply

Leila135 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Wide Beam 45°

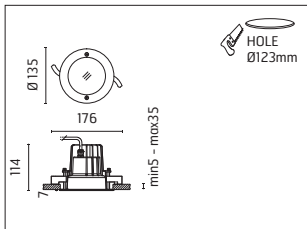


536019 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 14W/220-240V
 Total power 16W
 LED lm 1390 ≠ FIXT lm 1074
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	1546	866
2.00	387	216
3.00	172	96
4.00	97	54
5.00	62	35

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

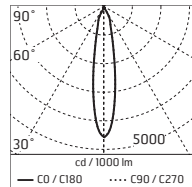


536020 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 14W/220-240V
 Total power 16W
 LED lm 1320 ≠ FIXT lm 1017
 CRI >80
 Kit with remote electronic power supply

Leila135 CoB LED / Painted Frame - Medium Beam 20°

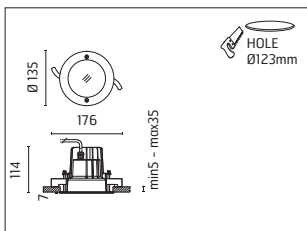


536021 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220-240V
 Total power 16W
 LED lm 1827 ≠ FIXT lm 1315
 CRI >80
 Kit with remote electronic power supply



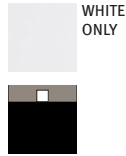
m	lux	
	Max	Med
1.00	6037	3696
2.00	1509	924
3.00	671	411
4.00	377	231
5.00	241	148

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$



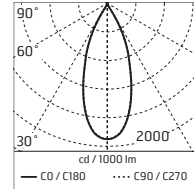
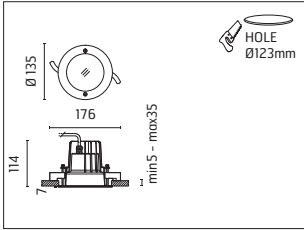
536022 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220-240V
 Total power 16W
 LED lm 1737 ≠ FIXT lm 1250
 CRI >80
 Kit with remote electronic power supply

Leila135 CoB LED / Painted Frame - Wide Beam 40°



536023 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 16W
 LED lm 1827 ≠ FIXT lm 1339
 CRI >80
 Kit with remote electronic power supply

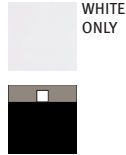
536024 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 16W
 LED lm 1737 ≠ FIXT lm 1274
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	2548	1490
2.00	637	373
3.00	283	166
4.00	159	93
5.00	102	60

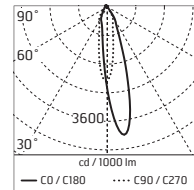
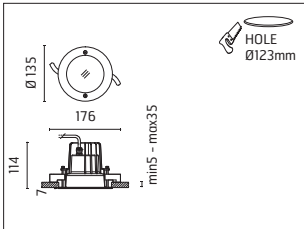
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

Leila135 CoB LED / Painted Frame - Asymmetric Optic 12° - Medium Beam 20°



536025 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 14W/220÷240V
 Total power 16W
 LED lm 1390 ≠ FIXT lm 867
 CRI >80
 Kit with remote electronic power supply

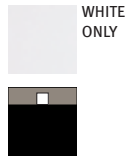
536026 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 14W/220÷240V
 Total power 16W
 LED lm 1320 ≠ FIXT lm 820
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	3153	1947
2.00	788	487
3.00	350	216
4.00	197	122
5.00	126	78

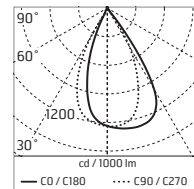
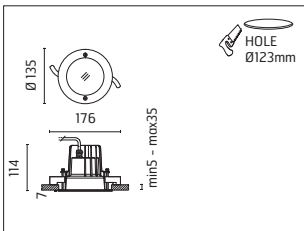
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Leila135 CoB LED / Painted Frame - Asymmetric Optic 12° - Wide Beam 45°



536027 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 14W/220÷240V
 Total power 16W
 LED lm 1390 ≠ FIXT lm 1074
 CRI >80
 Kit with remote electronic power supply

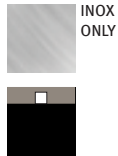
536028 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 14W/220÷240V
 Total power 16W
 LED lm 1320 ≠ FIXT lm 1017
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	1546	866
2.00	387	216
3.00	172	96
4.00	97	54
5.00	62	35

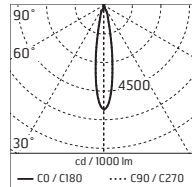
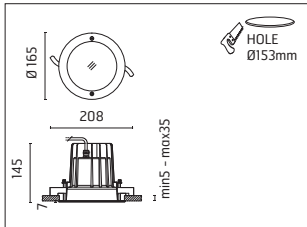
$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

Leila165 CoB LED / Stainless Steel Frame - Medium Beam 20°



536029
 NATURAL WHITE 4000K
 CoB LED
 26W/220-240V
 Total power 30W
 LED lm 3331 ≠ FIXT lm 2873
 CRI >80
 Kit with remote electronic power supply

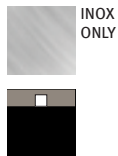
536030
 WARM WHITE 3000K
 CoB LED
 26W/220-240V
 Total power 30W
 LED lm 3197 ≠ FIXT lm 2732
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	15664	9753
2.00	3916	2438
3.00	1740	1084
4.00	979	610
5.00	627	390

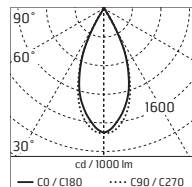
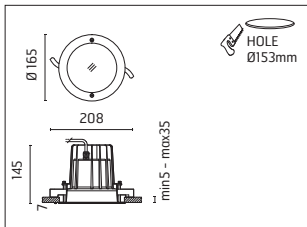
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Leila165 CoB LED / Stainless Steel Frame - Wide Beam 45°



536031
 NATURAL WHITE 4000K
 CoB LED
 26W/220-240V
 Total power 30W
 LED lm 3331 ≠ FIXT lm 2766
 CRI >80
 Kit with remote electronic power supply

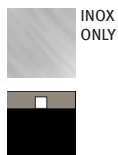
536032
 WARM WHITE 3000K
 CoB LED
 26W/220-240V
 Total power 30W
 LED lm 3197 ≠ FIXT lm 2630
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	4878	2749
2.00	1219	687
3.00	542	305
4.00	305	172
5.00	195	110

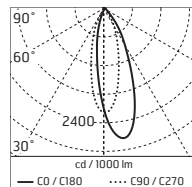
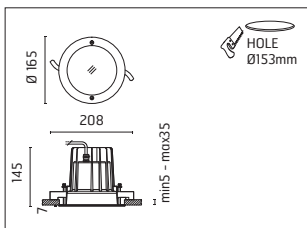
$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

Leila165 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Medium Beam 30°



536033
 NATURAL WHITE 4000K
 CoB LED
 26W/220-240V
 Total power 30W
 LED lm 3331 ≠ FIXT lm 2715
 CRI >80
 Kit with remote electronic power supply

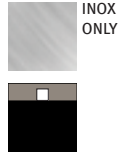
536034
 WARM WHITE 3000K
 CoB LED
 26W/220-240V
 Total power 30W
 LED lm 3197 ≠ FIXT lm 2581
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	7500	4576
2.00	1875	1144
3.00	833	508
4.00	469	286
5.00	300	183

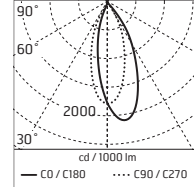
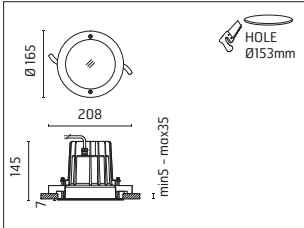
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

Leila165 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Wide Beam 40°



536035 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 LED lm 3331 ≠ FIXT lm 2766
 CRI >80
 Kit with remote electronic power supply

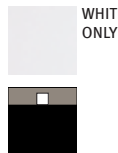
536036 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 LED lm 3197 ≠ FIXT lm 2630
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	4882	2766
2.00	1221	692
3.00	542	307
4.00	305	173
5.00	195	111

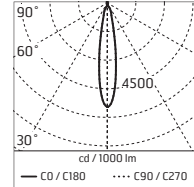
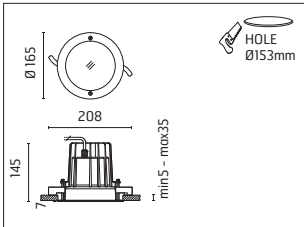
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

Leila165 CoB LED / Painted Frame - Medium Beam 20°



536037 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 LED lm 3331 ≠ FIXT lm 2873
 CRI >80
 Kit with remote electronic power supply

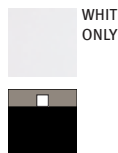
536038 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 LED lm 3197 ≠ FIXT lm 2732
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	15664	9753
2.00	3916	2438
3.00	1740	1084
4.00	979	610
5.00	627	390

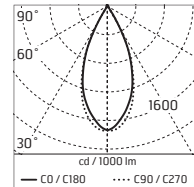
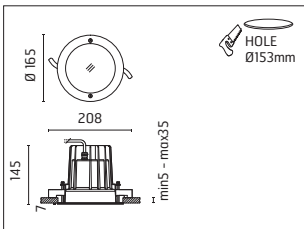
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Leila165 CoB LED / Painted Frame - Wide Beam 45°



536039 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 LED lm 3331 ≠ FIXT lm 2766
 CRI >80
 Kit with remote electronic power supply

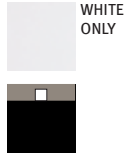
536040 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 LED lm 3197 ≠ FIXT lm 2630
 CRI >80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	4878	2749
2.00	1219	687
3.00	542	305
4.00	305	172
5.00	195	110

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

Leila165 CoB LED / Painted Frame - Asymmetric Optic 12° - Medium Beam 30°



536041

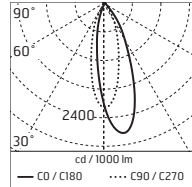
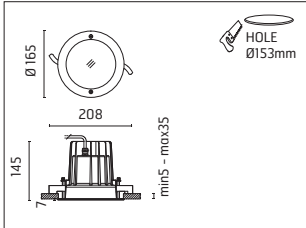
NATURAL WHITE 4000K
CoB LED
26W/220-240V
Total power 30W
LED lm 3331 ≠ FIXT lm 2715
CRI >80

Kit with remote electronic power supply

536042

WARM WHITE 3000K
CoB LED
26W/220-240V
Total power 30W
LED lm 3197 ≠ FIXT lm 2581
CRI >80

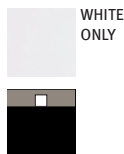
Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	7500	4576
2.00	1875	1144
3.00	833	508
4.00	469	286
5.00	300	183

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

Leila165 CoB LED / Painted Frame - Asymmetric Optic 12° - Wide Beam 40°



536043

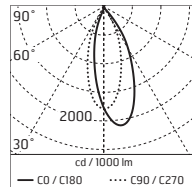
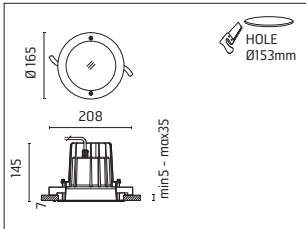
NATURAL WHITE 4000K
CoB LED
26W/220-240V
Total power 30W
LED lm 3331 ≠ FIXT lm 2766
CRI >80

Kit with remote electronic power supply

536044

WARM WHITE 3000K
CoB LED
26W/220-240V
Total power 30W
LED lm 3197 ≠ FIXT lm 2630
CRI >80

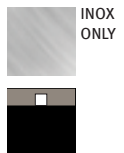
Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	4882	2766
2.00	1221	692
3.00	542	307
4.00	305	173
5.00	195	111

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

Leila225 CoB LED / Stainless Steel Frame - Wide Beam 45°



536047

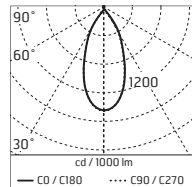
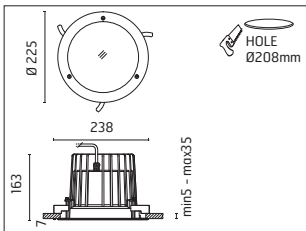
NATURAL WHITE 4000K
CoB LED
38W/220-240V
Total power 43W
LED lm 5018 ≠ FIXT lm 3793
CRI >80

Kit with remote electronic power supply

536048

WARM WHITE 3000K
CoB LED
38W/220-240V
Total power 43W
LED lm 4807 ≠ FIXT lm 3649
CRI >80

Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	5425	3104
2.00	1356	776
3.00	603	345
4.00	339	194
5.00	217	124

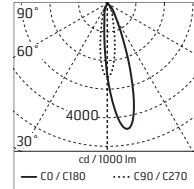
$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

Leila225 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Medium Beam 20°



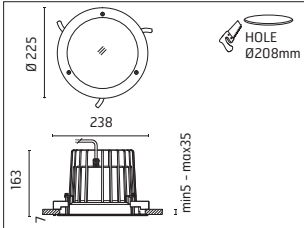
536049 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 LED lm 5018 ≠ FIXT lm 3793
 CRI >80
 Kit with remote electronic power supply

536050 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 LED lm 4807 ≠ FIXT lm 3649
 CRI >80
 Kit with remote electronic power supply

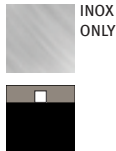


m	lux	
	Max	Med
1.00	15696	9571
2.00	3924	2393
3.00	1744	1063
4.00	981	598
5.00	628	383

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

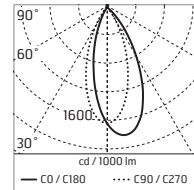


Leila225 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Wide Beam 40°



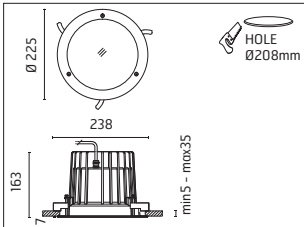
536051 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 LED lm 5018 ≠ FIXT lm 3651
 CRI >80
 Kit with remote electronic power supply

536052 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 LED lm 4807 ≠ FIXT lm 3512
 CRI >80
 Kit with remote electronic power supply

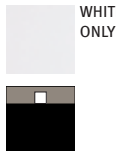


m	lux	
	Max	Med
1.00	6445	3651
2.00	1611	913
3.00	716	406
4.00	403	228
5.00	258	146

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

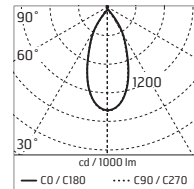


Leila225 CoB LED / Painted Frame - Wide Beam 45°



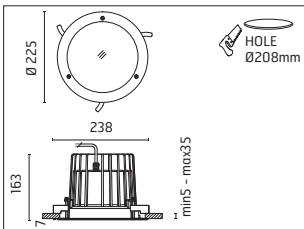
536055 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 LED lm 5018 ≠ FIXT lm 3793
 CRI >80
 Kit with remote electronic power supply

536056 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 LED lm 4807 ≠ FIXT lm 3649
 CRI >80
 Kit with remote electronic power supply

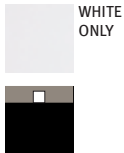


m	lux	
	Max	Med
1.00	5425	3104
2.00	1356	776
3.00	603	345
4.00	339	194
5.00	217	124

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$



Leila225 CoB LED / Painted Frame - Asymmetric Optic 12° - Medium Beam 20°



536057

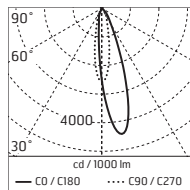
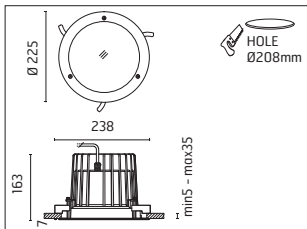
NATURAL WHITE 4000K
CoB LED
38W/220-240V
Total power 43W
LED lm 5018 ≠ FIXT lm 3793
CRI >80

Kit with remote electronic power supply

536058

WARM WHITE 3000K
CoB LED
38W/220-240V
Total power 43W
LED lm 4807 ≠ FIXT lm 3649
CRI >80

Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	15696	9571
2.00	3924	2393
3.00	1744	1063
4.00	981	598
5.00	628	383

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Leila225 CoB LED / Painted Frame - Asymmetric Optic 12° - Wide Beam 40°



536059

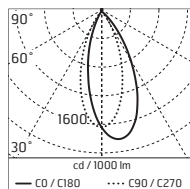
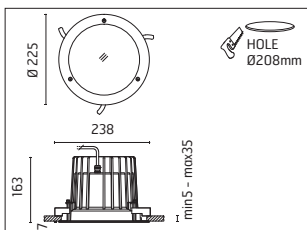
NATURAL WHITE 4000K
CoB LED
38W/220-240V
Total power 43W
LED lm 5018 ≠ FIXT lm 3651
CRI >80

Kit with remote electronic power supply

536060

WARM WHITE 3000K
CoB LED
38W/220-240V
Total power 43W
LED lm 4807 ≠ FIXT lm 3512
CRI >80

Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	6445	3651
2.00	1611	913
3.00	716	406
4.00	403	228
5.00	258	146

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



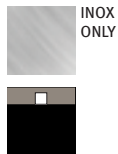
220÷240V
Kit with remote electronic power supply



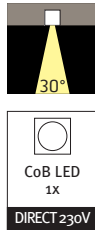
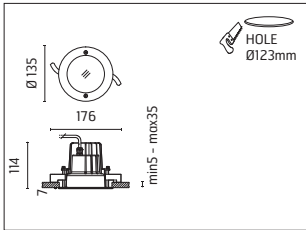
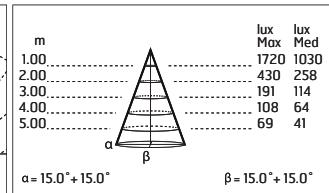
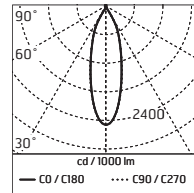
Leila Direct 230V

LED MODULE SET UP TO WORK DIRECTLY CONNECTED TO THE MAINS

Leila135 CoB LED / Stainless Steel Frame - Medium Beam 30°



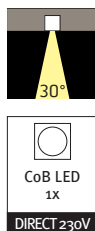
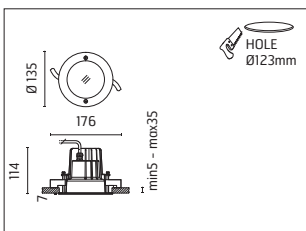
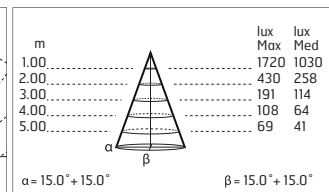
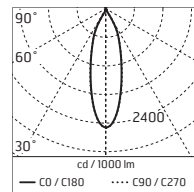
536061
 WARM WHITE 3000K
 CoB LED
 13W/220-230V
 Total power 15W
 LED lm 951 = FIXT lm 687
 CRI >80
 Led module set up to work
 directly connected to the mains



Leila135 CoB LED / Painted Frame - Medium Beam 30°

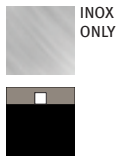


536062
 WARM WHITE 3000K
 CoB LED
 13W/220-230V
 Total power 15W
 LED lm 951 = FIXT lm 687
 CRI >80
 Led module set up to work
 directly connected to the mains

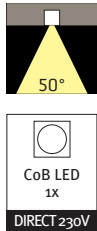
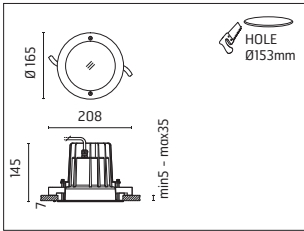
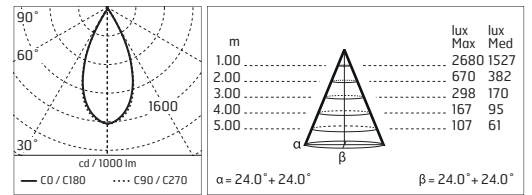




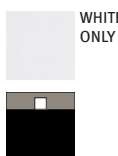
Leila165 CoB LED / Stainless Steel Frame - Wide Beam 50°



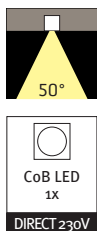
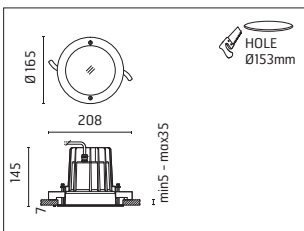
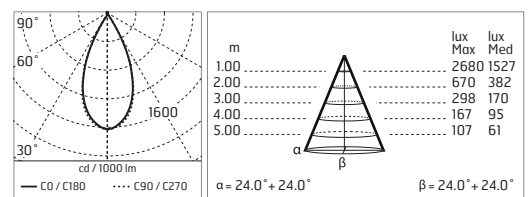
536063
 WARM WHITE 3000K
 CoB LED
 26W/220÷230V
 Total power 27W
 LED lm 2303 ≠ FIXT lm 1646
 CRI >80
 Led module set up to work
 directly connected to the mains



Leila165 CoB LED / Painted Frame - Wide Beam 50°



536064
 WARM WHITE 3000K
 CoB LED
 26W/220÷230V
 Total power 27W
 LED lm 2303 ≠ FIXT lm 1646
 CRI >80
 Led module set up to work
 directly connected to the mains





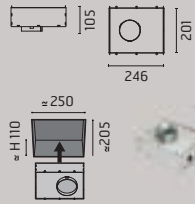
Stainless Steel

Painted Stainless Steel

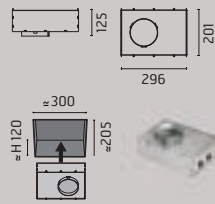


Accessories: Leila LED

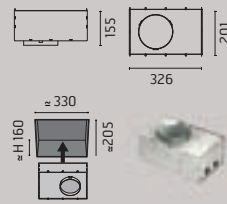
196
METAL INSTALLATION BOX FOR
CONCRETE CEILING 246 X 201 H 105mm



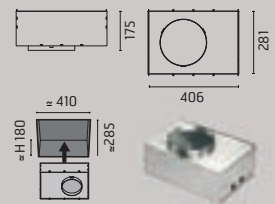
197
METAL INSTALLATION BOX FOR
CONCRETE CEILING 296 X 201 H 125mm



198
METAL INSTALLATION BOX FOR
CONCRETE CEILING 326 X 201 H 155mm



199
METAL INSTALLATION BOX FOR
CONCRETE CEILING 406 X 281 H 175mm



215
3/4 way terminal block 3 poles IP68
(Ø5,5=12mm cable)



236
2 way terminal block 3 poles IP68
(Ø5,5=12mm cable)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	196	197	198	199	215	236	237
prod. code ▼							
536001	•				•	•	•
536002	•				•	•	•
536003	•				•	•	•
536004	•				•	•	•
536005	•				•	•	•
536006	•				•	•	•
536007	•				•	•	•
536008	•				•	•	•
536009	•				•	•	•
536010	•				•	•	•
536011	•				•	•	•
536012	•				•	•	•
536013		•			•	•	•
536014		•			•	•	•
536015		•			•	•	•
536016		•			•	•	•
536017		•			•	•	•
536018		•			•	•	•
536019		•			•	•	•
536020		•			•	•	•
536021		•			•	•	•

acc. code ▶	196	197	198	199	215	236	237
prod. code ▼							
536022		•			•	•	•
536023		•			•	•	•
536024		•			•	•	•
536025		•			•	•	•
536026		•			•	•	•
536027		•			•	•	•
536028		•			•	•	•
536029			•		•	•	•
536030			•		•	•	•
536031			•		•	•	•
536032			•		•	•	•
536033			•		•	•	•
536034			•		•	•	•
536035			•		•	•	•
536036			•		•	•	•
536037			•		•	•	•
536038			•		•	•	•
536039			•		•	•	•
536040			•		•	•	•
536041			•		•	•	•
536042			•		•	•	•

Accessories chart

acc. code ▶	196	197	198	199	215	236	237
prod. code ▼							
536043			•		•	•	•
536044			•		•	•	•
536047				•	•	•	•
536048				•	•	•	•
536049				•	•	•	•
536050				•	•	•	•
536051				•	•	•	•
536052				•	•	•	•
536055				•	•	•	•
536056				•	•	•	•
536057				•	•	•	•
536058				•	•	•	•
536059				•	•	•	•
536060				•	•	•	•
536061		•			•	•	•
536062		•			•	•	•
536063			•		•	•	•
536064			•		•	•	•

Elena





Elena

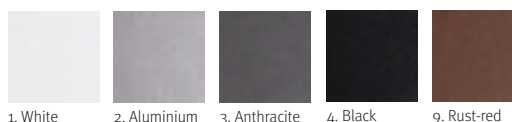
Design by Ares Concept

IP67

- Recessed luminaire for outdoor installation in the ceiling.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass or sandblasted glass on request, moulded silicone gaskets.
- Protection Rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, low voltage: III
- Installation: wiring through M20 plastic cable gland (7xø13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland for installation in 12-35mm thick surface. Cut-off ø162mm.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes

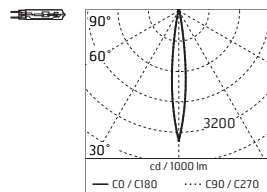
- A+** METAL HALIDE VERSION:
Class A+
HIT-TCC-CE/G8,5
- B** HALOGEN VERSION:
Class B
QR-CBC51/GU5,3
- D** HALOGEN VERSION:
Class D
QPAR30S/E27
QPARCBC51/GZ10



Elena / Fixed Optic - Narrow Beam 10°



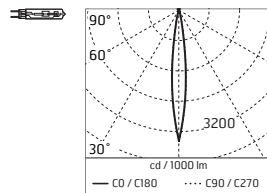
356712
 HIT-TC-CE 35W G8,5
 Remote ballast to be ordered



m	lux	
	Max	Med
1.00	11348	6923
2.00	2837	1731
3.00	1261	769
4.00	709	433
5.00	454	277

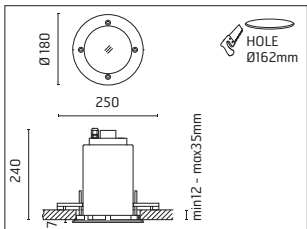
$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$

356912
 HIT-TC-CE 70W G8,5
 Remote ballast to be ordered



m	lux	
	Max	Med
1.00	22009	13427
2.00	5502	3357
3.00	2445	1492
4.00	1376	839
5.00	880	537

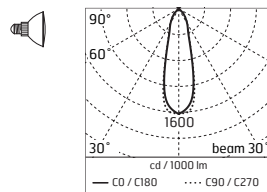
$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$



Elena / Fixed Optic



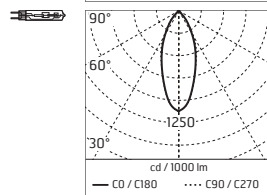
350113
 QPAR30S 100W E27



m	lux	
	Max	Med
1.00	2280	1493
2.00	570	373
3.00	253	166
4.00	143	93
5.00	91	60

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

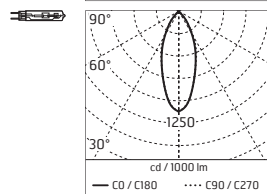
356713
 HIT-TC-CE 35W G8,5
 Remote ballast to be ordered



m	lux	
	Max	Med
1.00	3711	2055
2.00	928	514
3.00	412	228
4.00	232	128
5.00	148	82

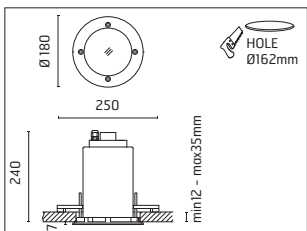
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

356913
 HIT-TC-CE 70W G8,5
 Remote ballast to be ordered



m	lux	
	Max	Med
1.00	7198	3985
2.00	1799	996
3.00	800	443
4.00	450	249
5.00	288	159

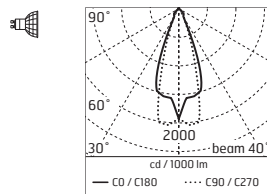
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



Elena / Adjustable Optic



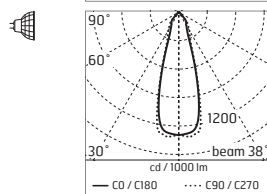
352815
 QPAR CBC 51 50W/230V GZ10



m	lux	
	Max	Med
1.00	1228	718
2.00	307	180
3.00	136	80
4.00	77	45
5.00	19	29

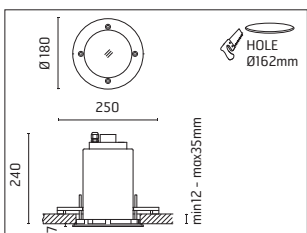
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

353315
 QR CBC 51 50W/12V GU5,3
 Remote transformer to be ordered



m	lux	
	Max	Med
1.00	993	665
2.00	248	166
3.00	110	74
4.00	62	42
5.00	40	27

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$



Accessories: Elena

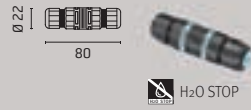
215

3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



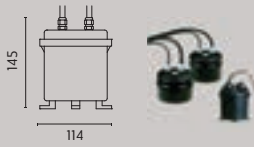
236

2 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



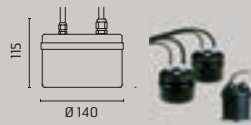
16

TRANSFORMER 50W
230V/12V 50Hz IP 66



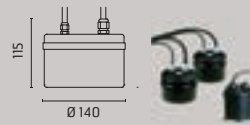
17

TRANSFORMER 200W
230V/12V 50Hz IP 66



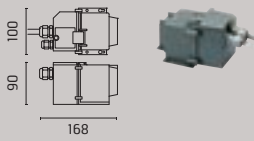
18

TRANSFORMER 300W
230V/12V 50Hz IP 66



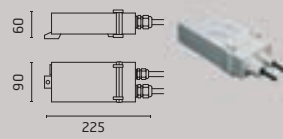
38

BALLAST HIT 35W/230V IP67



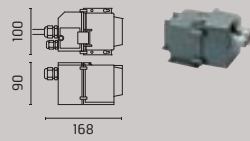
83

ELECTRONIC BALLAST
HIT 35W/220÷240V IP66



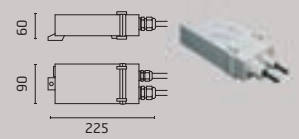
39

BALLAST HIT 70W/230V IP67



84

ELECTRONIC BALLAST
HIT 70W/220÷240V IP66



Accessories chart

acc. code ▶	215	236	16	17	18	38	83	39	84
prod. code ▼									
350113	•	•							
352815	•	•							
353315	•	•	•	•	•				
356712	•	•				•	•		
356713	•	•				•	•		
356912	•	•						•	•
356913	•	•						•	•

Ara





Ara

Ara LED

Design by Ares Concept

IP65

- Recessed luminaire for outdoor installation in the ceiling or false-ceiling.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass glued to the frame, moulded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, low voltage: III, LED module: I,II, III
- Installation: Ara GZ10/GU5,3 125x125: prewired with approx. 250mm cable (nickel plated brass cable gland M16x1.5). Ara LED 125x125: prewired with approx. 1m cable (nickel plated brass cable gland M16x1.5). Ara fluorescent 250x250: prewired with approx. 1m cable. Ara metal halide 250x250: equipped with one M16x1.5 plastic cable gland. Ara LED 250x250: equipped with two M16x1.5 plastic cable glands. Ara fluorescent with visor: equipped with two M16x1.5 plastic cable gland. Ara metal halide with visor: equipped with one M16x1.5 plastic cable gland
- The luminaire is ready for installation on false-ceiling (up to 30mm thick surfaces). Installation on solid ceiling requires a dedicated metal box to be ordered separately.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

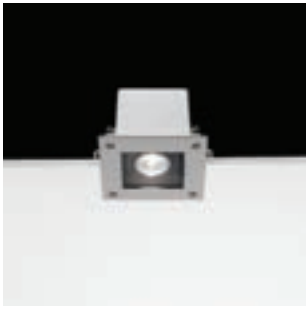
EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	METAL HALIDE VERSION: Class A+ HIT-CE/G12
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-4 TC-DEL/G24q-3
	HALOGEN VERSION: Class B QR-CBC51/GU5,3
	HALOGEN VERSION: Class D QRPARCBC51/GZ10

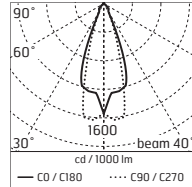


- Recessed ceiling fitting.
- Ara metal halide 250x250mm
Ara metal halide with visor
The fitting is equipped with 1 cable input
- Ara LED 250x250mm
Ara fluorescent with visor
The fitting is equipped with 2 cable input.
- Remote device required
- Protection against impact.
IK 06 - 1,00 joule
- Ara GZ10/GU5,3 125x125mm
Pre-wired with approx 250mm of cable
- Ara LED 125x125mm
Ara fluorescent 250x250mm
Pre-wired with approx 1m of cable

Ara / 125x125 mm - Transparent Glass - Adjustable Optic





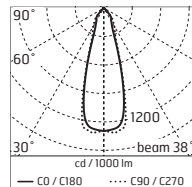
1032823  
QPAR CBC 51 50W/230V GZ10



m	lux	
	Max	Med
1.00	1228	718
2.00	307	180
3.00	136	80
4.00	77	45
5.00	19	29

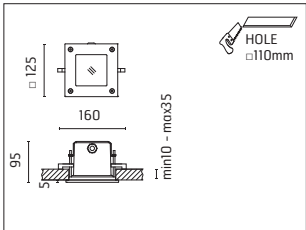
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

1033323  
QR CBC 51 50W/12V GU5,3
Remote transformer to be ordered



m	lux	
	Max	Med
1.00	993	665
2.00	248	166
3.00	110	74
4.00	62	42
5.00	40	27

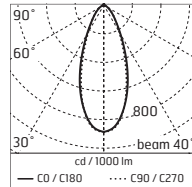
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$



Ara / 125x125 mm - Sandblasted Glass - Adjustable Optic





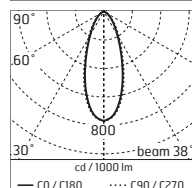
10328134  
QPAR CBC 51 50W/230V GZ10



m	lux	
	Max	Med
1.00	672	389
2.00	168	97
3.00	75	43
4.00	42	24
5.00	22	16

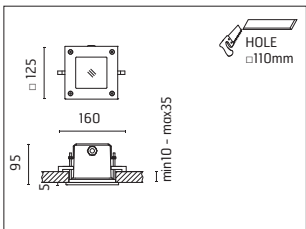
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

10333134  
QR CBC 51 50W/12V GU5,3
Remote transformer to be ordered



m	lux	
	Max	Med
1.00	583	339
2.00	146	85
3.00	65	38
4.00	36	21
5.00	23	14

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$





Ara Power LED / 125x125mm - Transparent Glass - Narrow Beam 10°



1039112

COOL WHITE 6000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 538 ÷ FIXT lm 471
CRI >70

Electronic power supply included

10321712

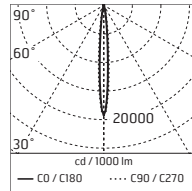
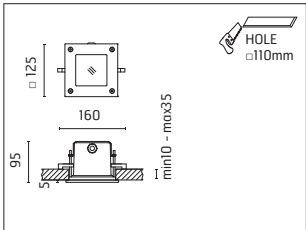
NATURAL WHITE 4000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 458 ÷ FIXT lm 401
CRI >80

Electronic power supply included

1039212

WARM WHITE 3000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 414 ÷ FIXT lm 362
CRI >80

Electronic power supply included



m	lux	
	Max	Med
1.00	9217	5818
2.00	2304	1455
3.00	1024	646
4.00	576	364
5.00	369	233

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

10321812

COOL WHITE 6000K
POWER LEDs
4x1W/24Vdc
Total power 5.5W
LED lm 538 ÷ FIXT lm 471
CRI >70

Remote electronic power supply to be ordered

10321912

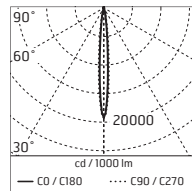
NATURAL WHITE 4000K
POWER LEDs
4x1W/24Vdc
Total power 5.5W
LED lm 458 ÷ FIXT lm 401
CRI >80

Remote electronic power supply to be ordered

10322012

WARM WHITE 3000K
POWER LEDs
4x1W/24Vdc
Total power 5.5W
LED lm 414 ÷ FIXT lm 362
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	9217	5818
2.00	2304	1455
3.00	1024	646
4.00	576	364
5.00	369	233

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Ara Power LED / 125x125mm - Transparent Glass - Medium Beam 40°



1039123

COOL WHITE 6000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 538 ÷ FIXT lm 402
CRI >70

Electronic power supply included

10321723

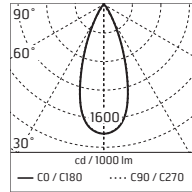
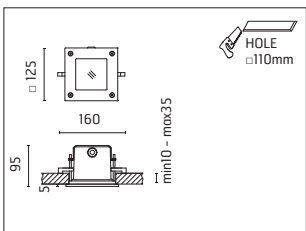
NATURAL WHITE 4000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 458 ÷ FIXT lm 342
CRI >80

Electronic power supply included

1039223

WARM WHITE 3000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 414 ÷ FIXT lm 309
CRI >80

Electronic power supply included



m	lux	
	Max	Med
1.00	736	444
2.00	184	111
3.00	82	49
4.00	46	28
5.00	29	18

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

10321823

COOL WHITE 6000K
POWER LEDs
4x1W/24Vdc
Total power 5,5W
LED lm 538 ≠ FIXT lm 402
CRI >70

Remote electronic power supply to be ordered

10321923

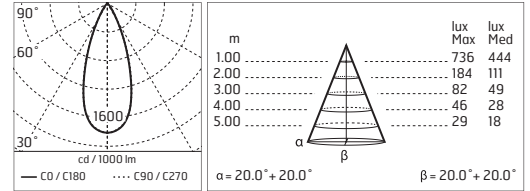
NATURAL WHITE 4000K
POWER LEDs
4x1W/24Vdc
Total power 5,5W
LED lm 458 ≠ FIXT lm 342
CRI >80

Remote electronic power supply to be ordered

10322023

WARM WHITE 3000K
POWER LEDs
4x1W/24Vdc
Total power 5,5W
LED lm 414 ≠ FIXT lm 309
CRI >80

Remote electronic power supply to be ordered



Ara Power LED / 125x125mm - Sandblasted Glass



10391134

COOL WHITE 6000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 538 ≠ FIXT lm 283
CRI >70

Electronic power supply included

103217134

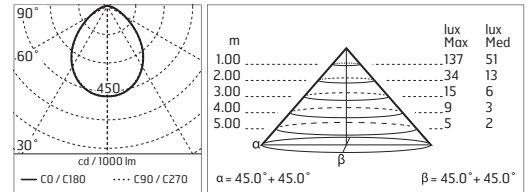
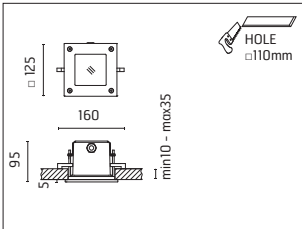
NATURAL WHITE 4000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 458 ≠ FIXT lm 241
CRI >80

Electronic power supply included

10392134

WARM WHITE 3000K
POWER LEDs
4x1W/100÷240V
Total power 6W
LED lm 414 ≠ FIXT lm 218
CRI >80

Electronic power supply included



103218134

COOL WHITE 6000K
POWER LEDs
4x1W/24Vdc
Total power 5,5W
LED lm 538 ≠ FIXT lm 283
CRI >70

Remote electronic power supply to be ordered

103219134

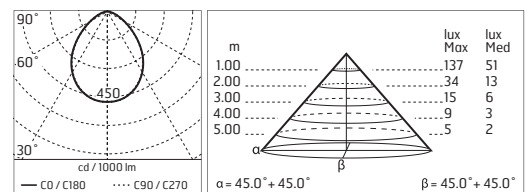
NATURAL WHITE 4000K
POWER LEDs
4x1W/24Vdc
Total power 5,5W
LED lm 458 ≠ FIXT lm 241
CRI >80

Remote electronic power supply to be ordered

103220134

WARM WHITE 3000K
POWER LEDs
4x1W/24Vdc
Total power 5,5W
LED lm 414 ≠ FIXT lm 218
CRI >80

Remote electronic power supply to be ordered

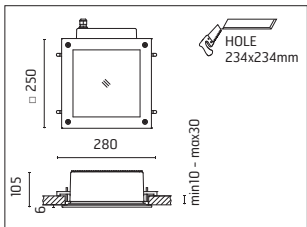


Ara / 250x250 mm - All Light - Transparent Glass



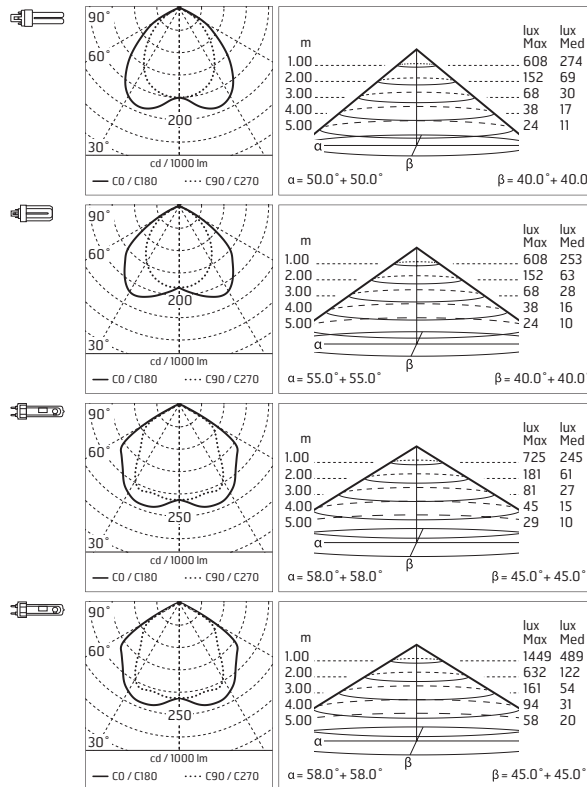
1036323
TC-DEL 2x26W G24q-3
Electronic ballast

1032123
TC-DEL 42W Gx24 q-4
Electronic ballast



1033523
HIT-CE 35W G12
Remote ballast to be ordered

1037123
HIT-CE 70W G12
Remote ballast to be ordered

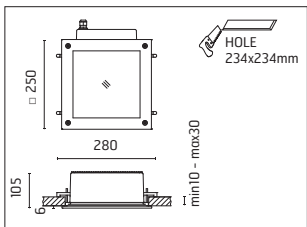


Ara / 250x250 mm - All Light - Sandblasted Glass



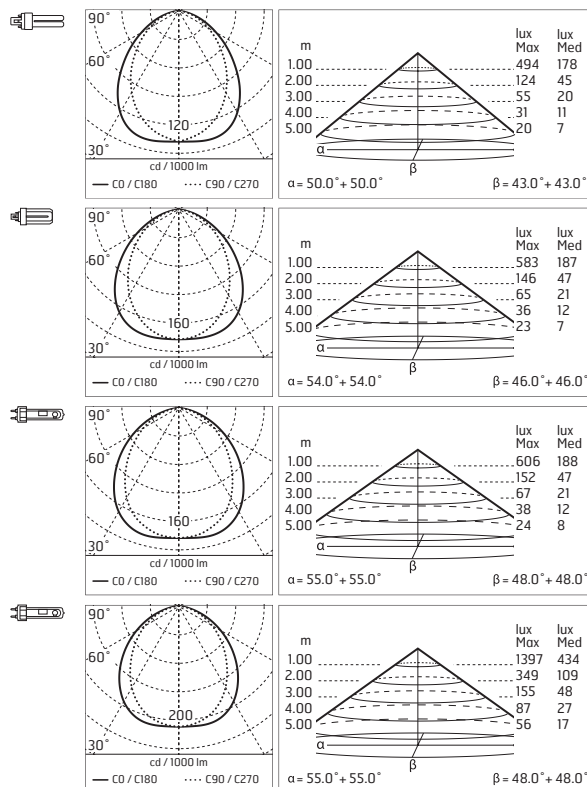
10363135
TC-DEL 2x26W G24q-3
Electronic ballast

10321135
TC-DEL 42W Gx24 q-4
Electronic ballast



10335135
HIT-CE 35W G12
Remote ballast to be ordered

10371135
HIT-CE 70W G12
Remote ballast to be ordered



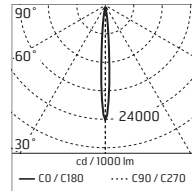
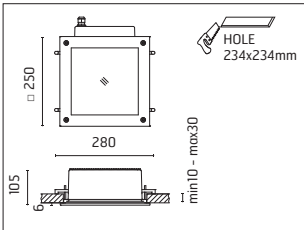
Ara Power LED / 250x250 mm - All Light - Transparent Glass - Narrow Beam 10°



10310012
 COOL WHITE 6000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1865
 CRI >70
 Electronic power supply included

10322412
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1588
 CRI >80
 Electronic power supply included

10310112
 WARM WHITE 3000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 1435
 CRI >80
 Electronic power supply included



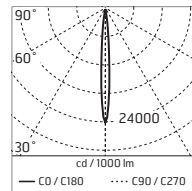
m	lux	
	Max	Med
1.00	44652	28552
2.00	11163	7138
3.00	4961	3172
4.00	2791	1784
5.00	1786	1142

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

10322112
 COOL WHITE 6000K
 POWER LEDs
 16x1W/24Vdc
 Total power 22W
 LED lm 2152 ≠ FIXT lm 1865
 CRI >70
 Remote electronic power supply to be ordered

10322212
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W/24Vdc
 Total power 22W
 LED lm 1832 ≠ FIXT lm 1588
 CRI >80
 Remote electronic power supply to be ordered

10322312
 WARM WHITE 3000K
 POWER LEDs
 16x1W/24Vdc
 Total power 22W
 LED lm 1656 ≠ FIXT lm 1435
 CRI >80
 Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	44652	28552
2.00	11163	7138
3.00	4961	3172
4.00	2791	1784
5.00	1786	1142

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

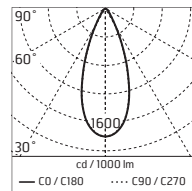
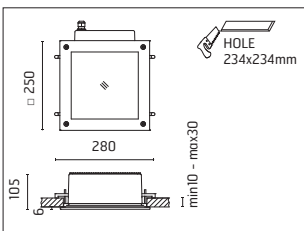
Ara Power LED / 250x250 mm - All Light - Transparent Glass - Medium Beam 40°



10310023
 COOL WHITE 6000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1607
 CRI >70
 Electronic power supply included

10322423
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1368
 CRI >80
 Electronic power supply included

10310123
 WARM WHITE 3000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 1237
 CRI >80
 Electronic power supply included



m	lux	
	Max	Med
1.00	2924	1743
2.00	731	436
3.00	325	194
4.00	183	109
5.00	117	70

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



10322123 ⬢ A A+ A++

COOL WHITE 6000K
POWER LEDs
16x1W/24Vdc
Total power 22W
LED lm 2152 ≠ FIXT lm 1607
CRI >70

Remote electronic power supply to be ordered

10322223 ⬢ A A+ A++

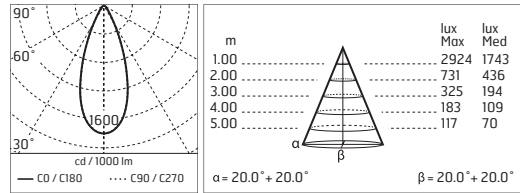
NATURAL WHITE 4000K
POWER LEDs
16x1W/24Vdc
Total power 22W
LED lm 1832 ≠ FIXT lm 1368
CRI >80

Remote electronic power supply to be ordered

10322323 ⬢ A A+ A++

WARM WHITE 3000K
POWER LEDs
16x1W/24Vdc
Total power 22W
LED lm 1656 ≠ FIXT lm 1237
CRI >80

Remote electronic power supply to be ordered



Ara Power LED / 250x250 mm - All Light - Sandblasted Glass



103100135 ⊕ A A+ A++

COOL WHITE 6000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 2152 ≠ FIXT lm 1298
CRI >70

Electronic power supply included

103224135 ⊕ A A+ A++

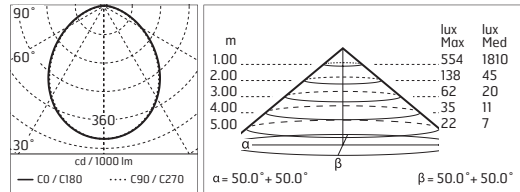
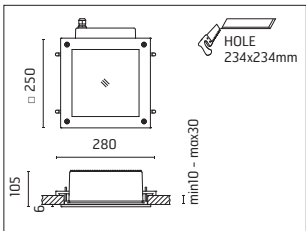
NATURAL WHITE 4000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 1832 ≠ FIXT lm 1105
CRI >80

Electronic power supply included

103101135 ⊕ A A+ A++

WARM WHITE 3000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 1656 ≠ FIXT lm 999
CRI >80

Electronic power supply included



103221135 ⬢ A A+ A++

COOL WHITE 6000K
POWER LEDs
16x1W/24Vdc
Total power 22W
LED lm 2152 ≠ FIXT lm 1298
CRI >70

Remote electronic power supply to be ordered

103222135 ⬢ A A+ A++

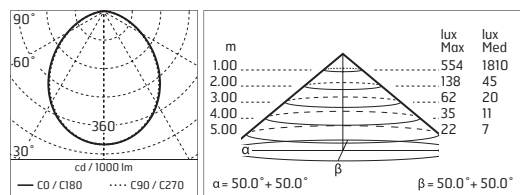
NATURAL WHITE 4000K
POWER LEDs
16x1W/24Vdc
Total power 22W
LED lm 1832 ≠ FIXT lm 1105
CRI >80

Remote electronic power supply to be ordered

103223135 ⬢ A A+ A++

WARM WHITE 3000K
POWER LEDs
16x1W/24Vdc
Total power 22W
LED lm 1656 ≠ FIXT lm 999
CRI >80

Remote electronic power supply to be ordered

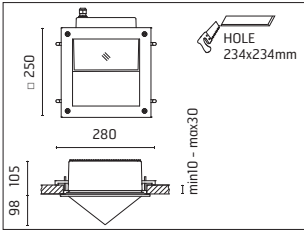


Ara / 250x250 mm - Visor

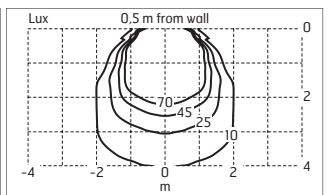
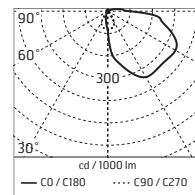
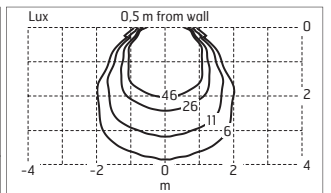
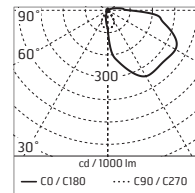
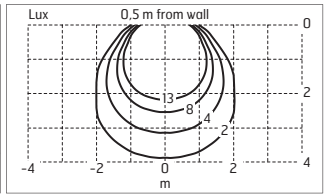
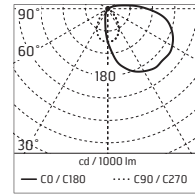


1036107
TC-TEL 1x26W GX24q-3
Electronic ballast

1033507
HIT-CE 35W G12
Remote ballast to be ordered

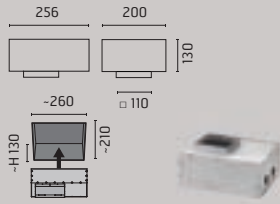


1037107
HIT-CE 70W G12
Remote ballast to be ordered

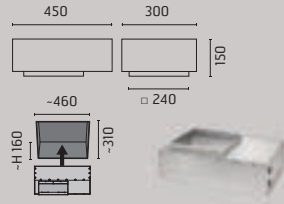


Accessories: Ara - Ara LED

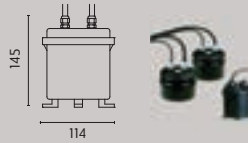
107
METAL BOX FOR INSTALLATION IN CONCRETE
CEILING 256 x 200 x H 130mm



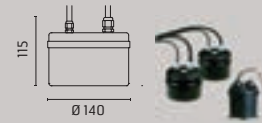
108
METAL BOX FOR INSTALLATION IN CONCRETE
CEILING 450 x 300 x H 150mm



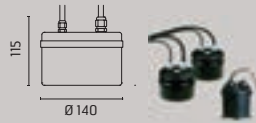
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



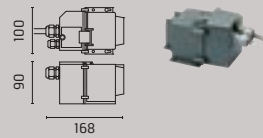
17
TRANSFORMER 200W
230V/12V 50Hz IP 66



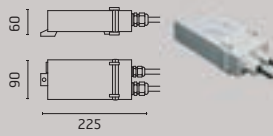
18
TRANSFORMER 300W
230V/12V 50Hz IP 66



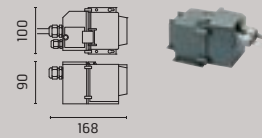
38
BALLAST HIT 35W/230V IP67



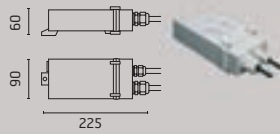
83
ELECTRONIC BALLAST
HIT 35W/220÷240V IP66



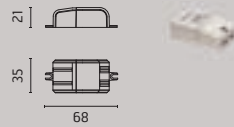
39
BALLAST HIT 70W/230V IP67



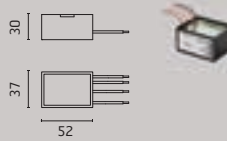
84
ELECTRONIC BALLAST
HIT 70W/220÷240V IP66



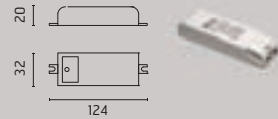
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



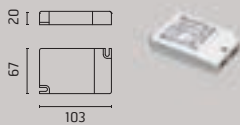
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



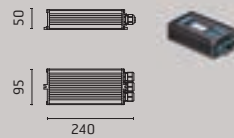
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



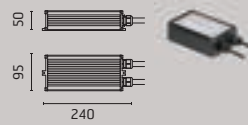
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



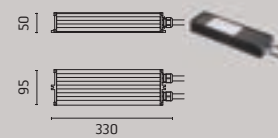
176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



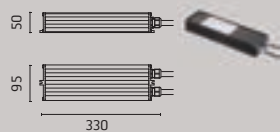
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



215
3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



236
2 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)

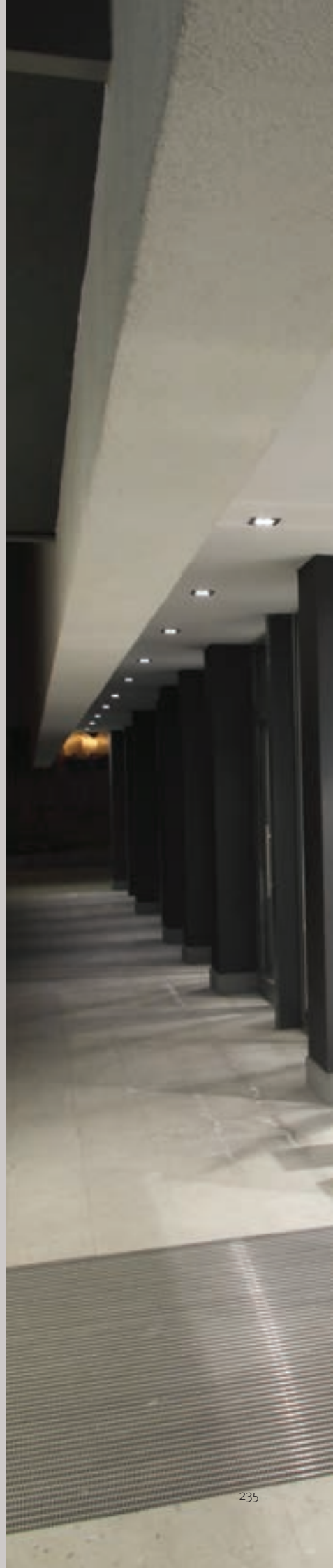


237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	107	108	16	17	18	38	83	39	84	150	106	87	144	176	147	155	156	215	236	237
1032123		•																•	•	
1032823	•																	•	•	
1033323	•		•	•	•													•	•	
1033507		•				•	•											•	•	
1033523		•				•	•											•	•	
1036107		•																•	•	
1036323		•																•	•	
1037107		•						•	•									•	•	
1037123		•						•	•									•	•	
1039112	•																	•	•	•
1039123	•																	•	•	•
1039212	•																	•	•	•
1039223	•																	•	•	•
10310012		•																•	•	•
10310023		•																•	•	•
10310112		•																•	•	•
10310123		•																•	•	•
10321135		•																•	•	
10321712	•																	•	•	•
10321723	•																	•	•	•
10321812	•									•	•	•	•	•	•	•	•	•	•	•
10321823	•									•	•	•	•	•	•	•	•	•	•	•
10321912	•									•	•	•	•	•	•	•	•	•	•	•
10321923	•									•	•	•	•	•	•	•	•	•	•	•
10322012	•									•	•	•	•	•	•	•	•	•	•	•
10322023	•									•	•	•	•	•	•	•	•	•	•	•
10322112		•															•	•	•	•
10322123		•															•	•	•	•
10322212		•															•	•	•	•
10322223		•															•	•	•	•
10322312		•															•	•	•	•
10322323		•															•	•	•	•
10322412		•																•	•	•
10322423		•																•	•	•
10328134	•																	•	•	
10333134	•		•	•	•													•	•	
10335135		•				•	•											•	•	
10363135		•																•	•	
10371135		•						•	•									•	•	
10391134	•																	•	•	•
10392134	•																	•	•	•
103100135		•																•	•	•
103101135		•																•	•	•
103217134	•																	•	•	•
103218134	•									•	•	•	•	•	•	•	•	•	•	•
103219134	•									•	•	•	•	•	•	•	•	•	•	•
103220134	•									•	•	•	•	•	•	•	•	•	•	•
103221135		•															•	•	•	•
103222135		•															•	•	•	•
103223135		•															•	•	•	•
103224135		•															•	•	•	•



Dorothy

NEW
2015



Dorothy LED

Design by Ares Concept

Registered Community Design

IP66   

- LED bollard for installation outdoor
- Configuration: die-cast aluminium structure. EN AB 47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Transparent polycarbonate diffuser and expanded neoprene gaskets
- Protection Rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with two EPDM cable glands (8xØ13mm cable). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Direct screwing on a solid surface or ground fixation through base plate and bolts (to be ordered separately).

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced



Bollard Light



The fitting is equipped with 2 cable input



Protection against impact
IK 07 - 2,00 joule



Glow wire test: 650°C



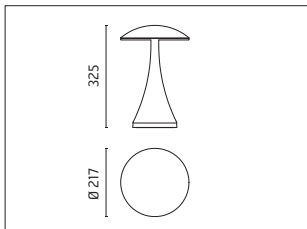
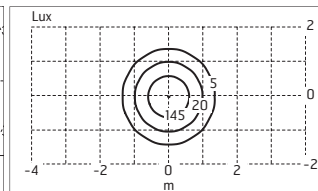
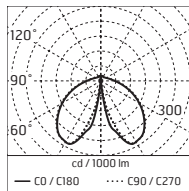
Full cut-off luminaire
(no light pollution)



Dorothy Mid-Power LED



537001 A A+ A++
 COOL WHITE 6000K
 MID-POWER LEDs
 10W/220-240V
 Total power 11W
 LED lm 1200 ≠ FIXT lm 1052
 CRI >70
 Electronic power supply included

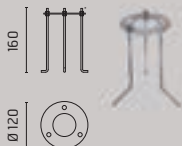


537002 A A+ A++
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220-240V
 Total power 11W
 LED lm 1100 ≠ FIXT lm 964
 CRI >80
 Electronic power supply included

537003 A A+ A++
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220-240V
 Total power 11W
 LED lm 1050 ≠ FIXT lm 921
 CRI >80
 Electronic power supply included

Accessories: Dorothy LED

200
 BASE PLATE AND FIXING BOLTS
 Ø 120 x H 160mm



237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code	200	237
537001	•	•
537002	•	•
537003	•	•

Correct Fixing Method

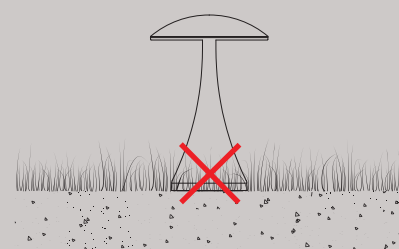
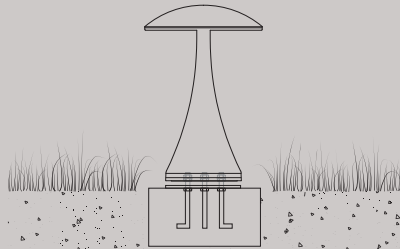
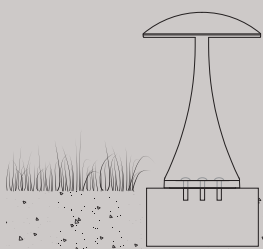
Bollard fixed on plinth + plug

Correct Fixing Method

Bollard fixed on plinth + fixing bolts

Incorrect Fixing Method

Do not fix the bollard directly on the ground





Klein

NEW
2015

Klein LED

Design by Ares Concept

IP66   CE

- LED bollard for installation outdoor
- Configuration: extruded aluminium structure with milled aluminium base and emitting unit.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection Rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: Klein is for direct connection to 230V. Klein is equipped with a piece of three-pole cable. Watertightness assured by polyurethane resin coating. Two versions available: for direct screwing on a solid surface or for ground fixation through base plate and bolts (included). For a watertight connection to the line the luminaire is equipped with a wiring kit with crimp connector and shrink tube.

EU Regulation 874/2012 - Illumination equipment energy classes



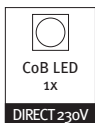
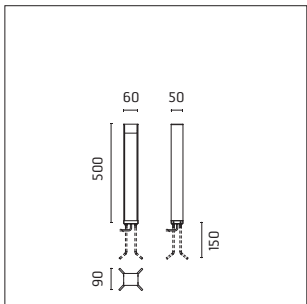
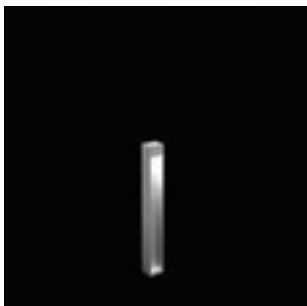
LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Bollard Light

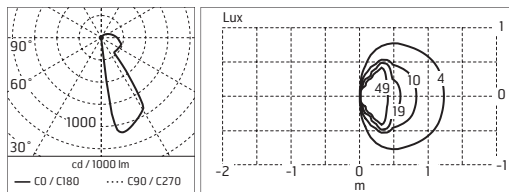
Pre-wired with approx
100mm of cableProtection against
impact
IK07 - 2,00 jouleFull cut-off luminaire
(no light pollution)

Klein500 CoB LED / Installation With Fixing Bolts

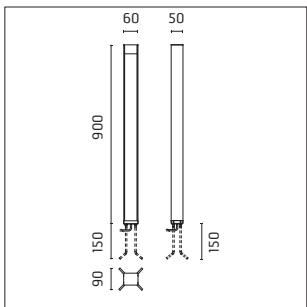
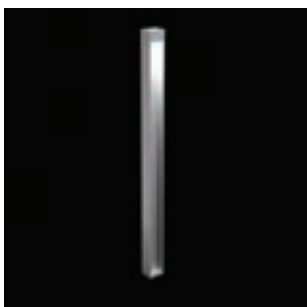


538005 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 370 ≠ FIXT lm 78
 CRI >80
 Led module set up to work directly connected to the mains

538006 A A+ A++
 WARM WHITE 3000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 350 ≠ FIXT lm 74
 CRI >80
 Led module set up to work directly connected to the mains

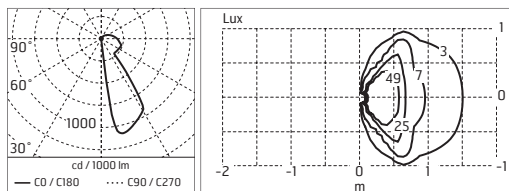


Klein900 CoB LED / Installation With Fixing Bolts



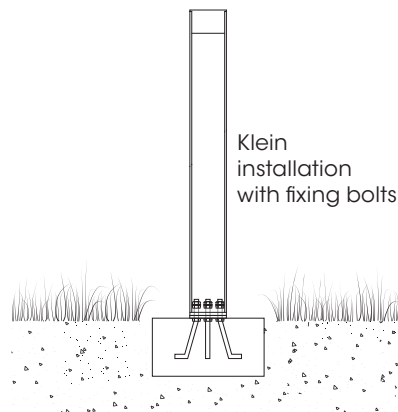
538007 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 370 ≠ FIXT lm 78
 CRI >80
 Led module set up to work directly connected to the mains

538008 A A+ A++
 WARM WHITE 3000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 350 ≠ FIXT lm 74
 CRI >80
 Led module set up to work directly connected to the mains



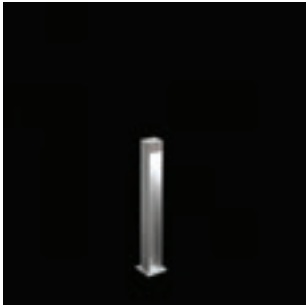
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



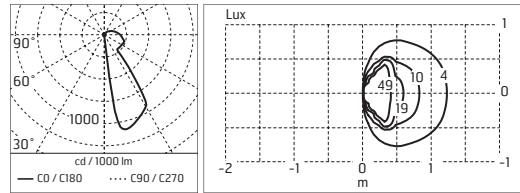
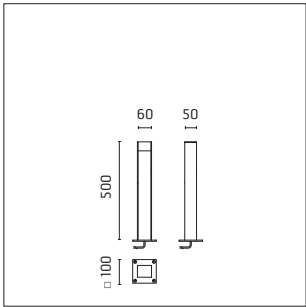


Klein500 CoB LED / Installation With Base



538001 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 370 ≠ FIXT lm 78
 CRI >80
 Led module set up to work
 directly connected to the mains

538002 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 350 ≠ FIXT lm 74
 CRI >80
 Led module set up to work
 directly connected to the mains

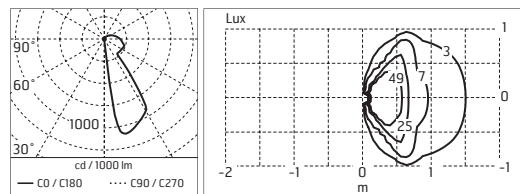
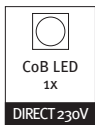
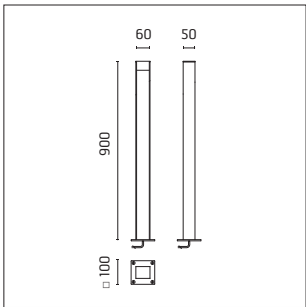


Klein900 CoB LED / Installation With Base

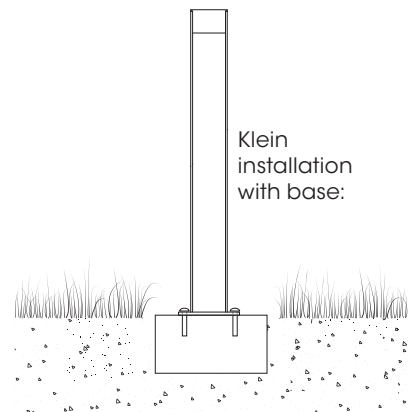


538003 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 370 ≠ FIXT lm 78
 CRI >80
 Led module set up to work
 directly connected to the mains

538004 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 LED lm 350 ≠ FIXT lm 74
 CRI >80
 Led module set up to work
 directly connected to the mains



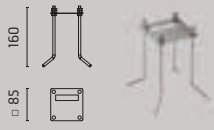
Correct Fixing Method
 Bollard fixed on plinth + base and plug



Accessories: Klein LED

216

BASE PLATE AND FIXING BOLTS
85 x 85 x H 160mm

**237**

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	216	237
prod. code ▼		
538001	•	•
538002	•	•
538003	•	•
538004	•	•
538005		•
538006		•
538007		•
538008		•



Vincenza





Vincenza LED

Design by Ares Concept

Registered Community Design Nr.001145924

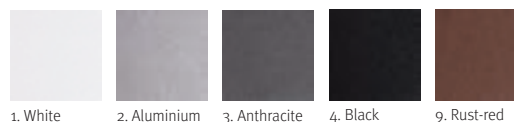
IP65 IP67



- Outdoor LED bollard light (no light pollution)
- Configuration: die cast aluminium structure. EN AB-47100 alloy (low copper content). Extruded aluminium stem.
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Plastic sandblasted diffuser, neoprene gaskets.
- Protection Rating: IP65 ("base" version) and IP67 ("in-ground" version)
- In compliance with EN 60598-1 standards
- Class of insulation: mains ("base" version):I, low voltage ("in-ground" version): III
- Installation: wiring through a M16x1,5mm cable gland for "with base version" and through two M16x1,5mm for "in-ground" version (4,5xØ10mm cables)
- Pole with base: direct fixation with bolts to a concrete surface or through a fixing plate in a concrete basement
- Pole in-ground: we recomend to concrete the root of the pole for better stability

EU Regulation 874/2012 - Illumination equipment energy classes

	<p>LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced</p>
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<p>Bollard Light_ surface</p>	<p>The fitting is equipped with 2 cable input for in-ground version</p>
<p>Bollard Light_in-ground base. Installation requires a 30cm water drainage layer (gravel)</p>	<p>The fitting is equipped with 1 cable input for base version</p>
<p>Recessed ground base</p>	<p>Remote device required for low voltage.</p>
<p>Do not install in hollow areas</p>	<p>Full cut-off luminaire (no light pollution)</p>
	<p>Protection against impact. IK10 - 20,00 joule</p>

Vincenza Power LED / H. 450 mm - With Base - 360° Symmetric Emission

**10812992**

COOL WHITE 6000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 712 ≠ FIXT lm 226
CRI >70

Electronic power supply included

10819592

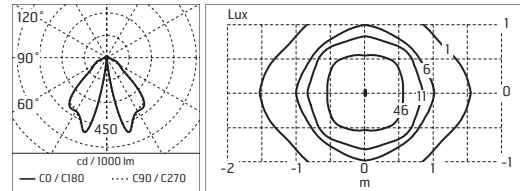
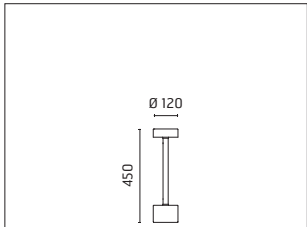
NATURAL WHITE 4000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 614 ≠ FIXT lm 195
CRI >80

Electronic power supply included

10813092

WARM WHITE 3000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 570 ≠ FIXT lm 181
CRI >80

Electronic power supply included



Vincenza Power LED / H. 450 mm - With Base - 180° Asymmetric Emission

**10812993**

COOL WHITE 6000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 712 ≠ FIXT lm 232
CRI >70

Electronic power supply included

10819593

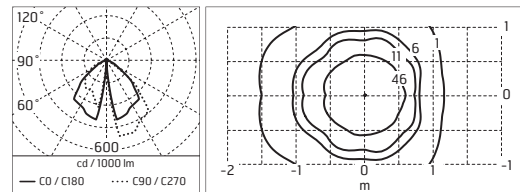
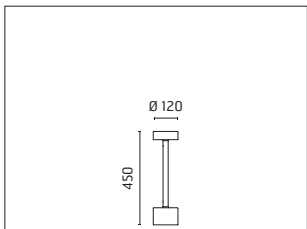
NATURAL WHITE 4000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 614 ≠ FIXT lm 199
CRI >80

Electronic power supply included

10813093

WARM WHITE 3000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 570 ≠ FIXT lm 185
CRI >80

Electronic power supply included



Vincenza Power LED / H. 800 mm - With Base - 360° Symmetric Emission

**10812994**

COOL WHITE 6000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 712 ≠ FIXT lm 226
CRI >70

Electronic power supply included

10819594

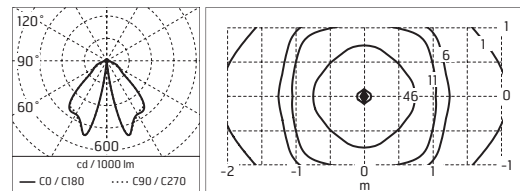
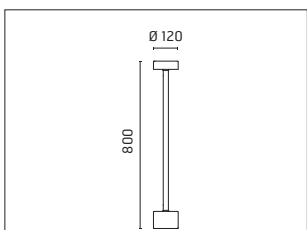
NATURAL WHITE 4000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 614 ≠ FIXT lm 195
CRI >80

Electronic power supply included

10813094

WARM WHITE 3000K
POWER LEDs
4x2W/220÷240V
Total power 8,5W
LED lm 570 ≠ FIXT lm 181
CRI >80

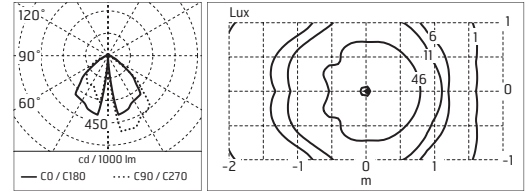
Electronic power supply included



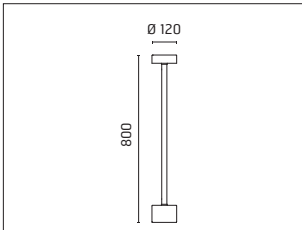
Vincenza Power LED / H. 800 mm - With Base - 180° Asymmetric Emission



10812995
 COOL WHITE 6000K
 POWER LEDs
 4x2W/220÷240V
 Total power 8,5W
 LED lm 712 ≠ FIXT lm 232
 CRI >70
 Electronic power supply included



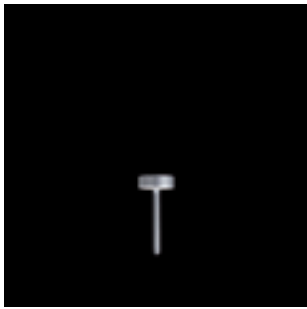
10819595
 NATURAL WHITE 4000K
 POWER LEDs
 4x2W/220÷240V
 Total power 8,5W
 LED lm 614 ≠ FIXT lm 199
 CRI >80
 Electronic power supply included



10813095
 WARM WHITE 3000K
 POWER LEDs
 4x2W/220÷240V
 Total power 8,5W
 LED lm 570 ≠ FIXT lm 185
 CRI >80
 Electronic power supply included



Vincenza Power LED / H. 200 mm - In Ground - 360° Symmetric Emission

**10813296** ◆ A A+ A++

COOL WHITE 6000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 712 ≠ FIXT lm 226
CRI >70

Remote electronic power supply
to be ordered

10819696 ◆ A A+ A++

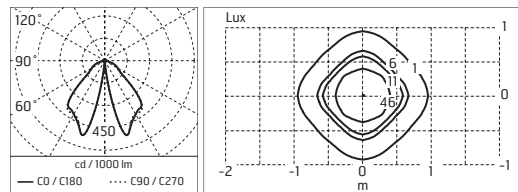
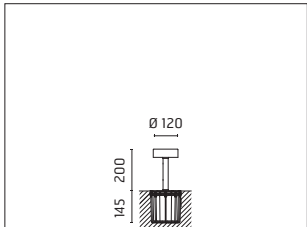
NATURAL WHITE 4000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 614 ≠ FIXT lm 195
CRI >80

Remote electronic power supply
to be ordered

10813396 ◆ A A+ A++

WARM WHITE 3000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 570 ≠ FIXT lm 181
CRI >80

Remote electronic power supply
to be ordered



Vincenza Power LED / H. 370 mm - In Ground - 360° Symmetric Emission

**10813297** ◆ A A+ A++

COOL WHITE 6000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 712 ≠ FIXT lm 226
CRI >70

Remote electronic power supply
to be ordered

10819697 ◆ A A+ A++

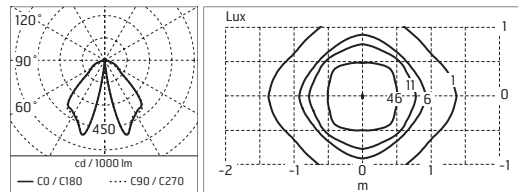
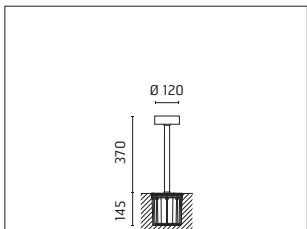
NATURAL WHITE 4000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 614 ≠ FIXT lm 195
CRI >80

Remote electronic power supply
to be ordered

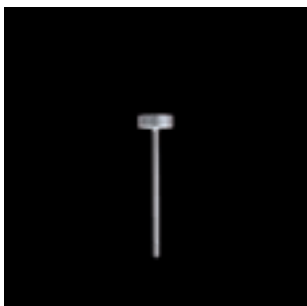
10813397 ◆ A A+ A++

WARM WHITE 3000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 570 ≠ FIXT lm 181
CRI >80

Remote electronic power supply
to be ordered



Vincenza Power LED / H. 370 mm - In Ground - 180° Asymmetric Emission

**10813298** ◆ A A+ A++

COOL WHITE 6000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 712 ≠ FIXT lm 232
CRI >70

Remote electronic power supply
to be ordered

10819698 ◆ A A+ A++

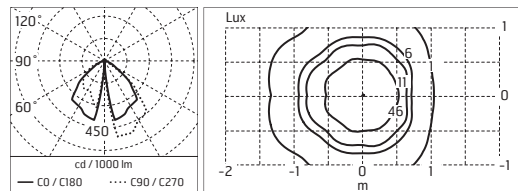
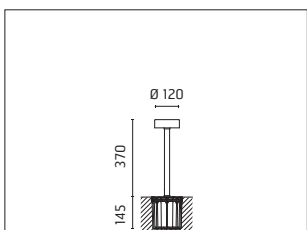
NATURAL WHITE 4000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 614 ≠ FIXT lm 199
CRI >80

Remote electronic power supply
to be ordered

10813398 ◆ A A+ A++

WARM WHITE 3000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 570 ≠ FIXT lm 185
CRI >80

Remote electronic power supply
to be ordered



Vincenza Power LED / H. 720 mm - In Ground - 360° Symmetric Emission



10813299

COOL WHITE 6000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 712 ≠ FIXT lm 226
CRI >70

Remote electronic power supply to be ordered

10819699

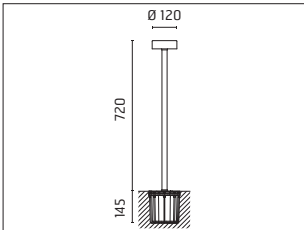
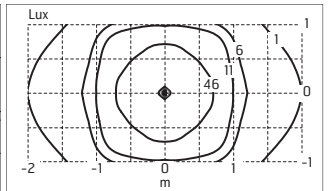
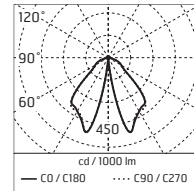
NATURAL WHITE 4000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 614 ≠ FIXT lm 195
CRI >80

Remote electronic power supply to be ordered

10813399

WARM WHITE 3000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 570 ≠ FIXT lm 181
CRI >80

Remote electronic power supply to be ordered



Vincenza Power LED / H. 720 mm - In Ground - 180° Asymmetric Emission



10813234

COOL WHITE 6000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 712 ≠ FIXT lm 232
CRI >70

Remote electronic power supply to be ordered

10819634

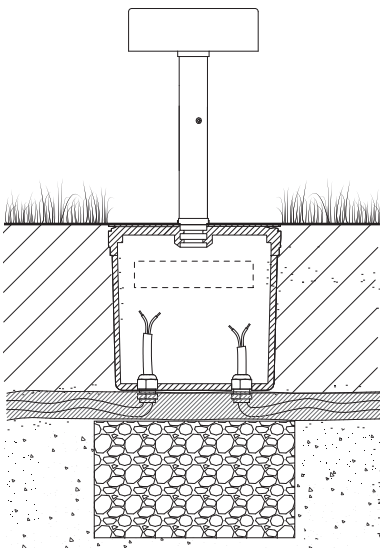
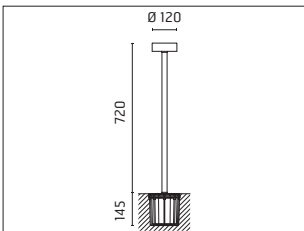
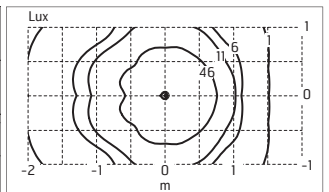
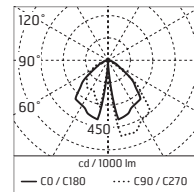
NATURAL WHITE 4000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 614 ≠ FIXT lm 199
CRI >80

Remote electronic power supply to be ordered

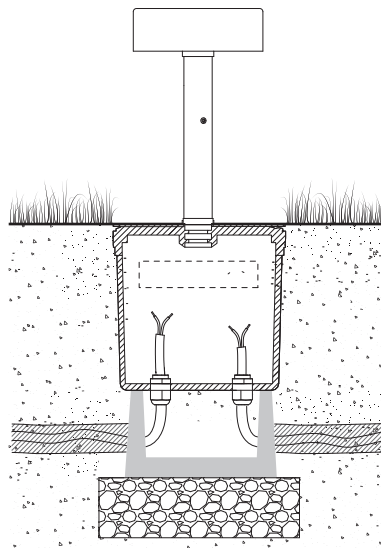
10813334

WARM WHITE 3000K
POWER LEDs
4x2W/24Vdc
Total power 7,9W
LED lm 570 ≠ FIXT lm 185
CRI >80

Remote electronic power supply to be ordered



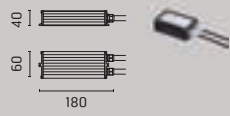
Cable gland mounted from the inside



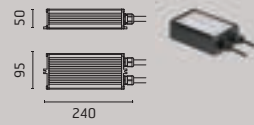
Cable gland mounted from the outside

Accessories: Vincenza LED

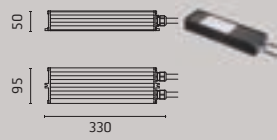
175
POWER SUPPLY 10W/110±240V - 24Vdc
IP67 CLASS II SELV.



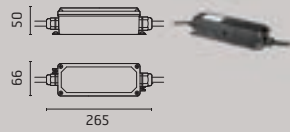
147
POWER SUPPLY 20W/220±240V - 24Vdc
IP67 CLASS II SELV.



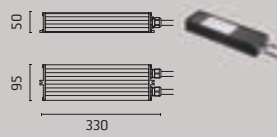
155
POWER SUPPLY 50W/120±240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220±240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120±240V - 24Vdc
IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66

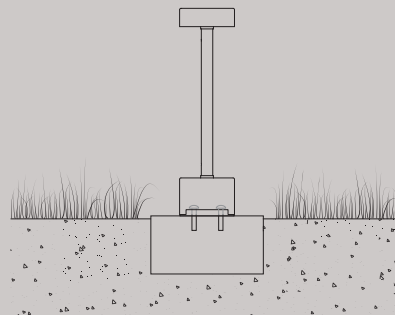


Accessories chart

acc. code ▶	175	147	155	110	156	237
prod. code ▼						
10812992						•
10812993						•
10812994						•
10812995						•
10813092						•
10813093						•
10813094						•
10813095						•
10813234	•	•	•	•	•	
10813296	•	•	•	•	•	
10813297	•	•	•	•	•	
10813298	•	•	•	•	•	
10813299	•	•	•	•	•	
10813334	•	•	•	•	•	
10813396	•	•	•	•	•	
10813397	•	•	•	•	•	
10813398	•	•	•	•	•	
10813399	•	•	•	•	•	
10819592						•
10819593						•
10819594						•
10819595						•
10819634	•	•	•	•	•	
10819696	•	•	•	•	•	
10819697	•	•	•	•	•	
10819698	•	•	•	•	•	
10819699	•	•	•	•	•	

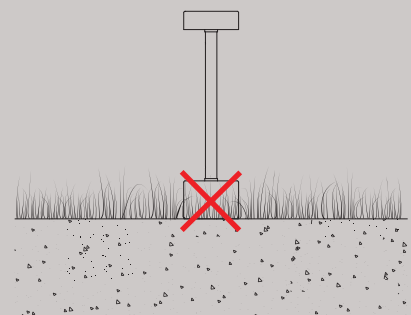
Correct Fixing Method

Bollard fixed on plinth + plug



Incorrect Fixing Method

Do not fix the bollard directly on the ground





Zefiro



Zefiro LED

Design by Ares Concept

IP65   

- Outdoor cylindrical bollard light.
- Configuration: die-cast aluminium cap EN AB-47100 alloy (low copper content) and extruded aluminium pole
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Transparent UV-stabilised polycarbonate diffuser, silicone gaskets
- Protection Rating: IP65
- In compliance with EN 60598-1
- Class of insulation: II
- Installation: outdoor use requires suitable flexible cables. The luminaire is equipped with a piece of two-pole cable. Pole in-ground: we recommend to concrete the root of the pole to improve stability. Pole with base: we recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



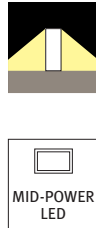
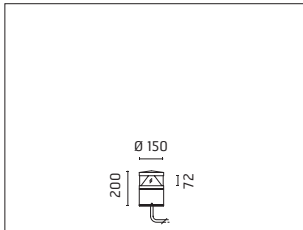
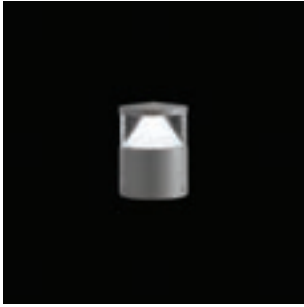
Bollard Light



Wall fitting

Pre-wired with approx
100mm of cableProtection against
impact.
IK 07 - 2,00 joule

Zefiro Mid-Power LED / H.200mm



MID-POWER LED

532001 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1814 ≠ FIXT lm 1398
CRI >70

Electronic power supply included

532002 A A+ A++

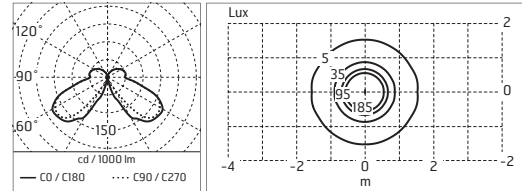
NATURAL WHITE 4000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1750 ≠ FIXT lm 1348
CRI >80

Electronic power supply included

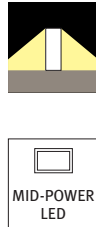
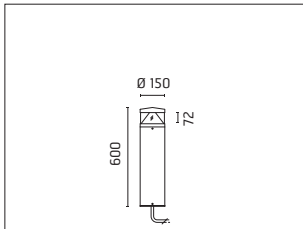
532003 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1685 ≠ FIXT lm 1298
CRI >80

Electronic power supply included



Zefiro Mid-Power LED / H.600mm



MID-POWER LED

532004 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1814 ≠ FIXT lm 1398
CRI >70

Electronic power supply included

532005 A A+ A++

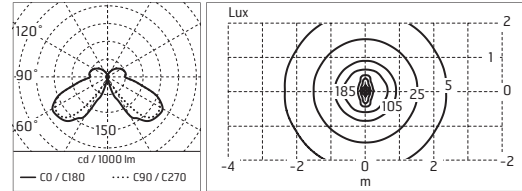
NATURAL WHITE 4000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1750 ≠ FIXT lm 1348
CRI >80

Electronic power supply included

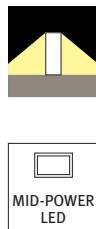
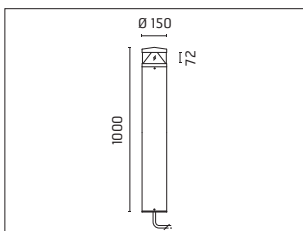
532006 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1685 ≠ FIXT lm 1298
CRI >80

Electronic power supply included



Zefiro Mid-Power LED / H.1000mm



MID-POWER LED

532007 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1814 ≠ FIXT lm 1398
CRI >70

Electronic power supply included

532008 A A+ A++

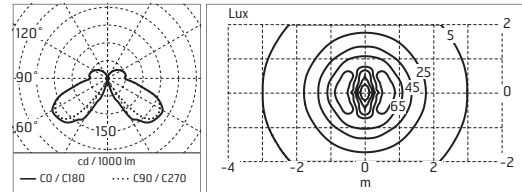
NATURAL WHITE 4000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1750 ≠ FIXT lm 1348
CRI >80

Electronic power supply included

532009 A A+ A++

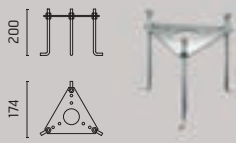
WARM WHITE 3000K
MID-POWER LEDs
14W/220-240V
Total power 17W
LED lm 1685 ≠ FIXT lm 1298
CRI >80

Electronic power supply included

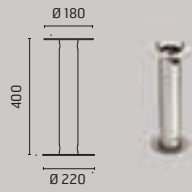


Accessories: Zefiro LED

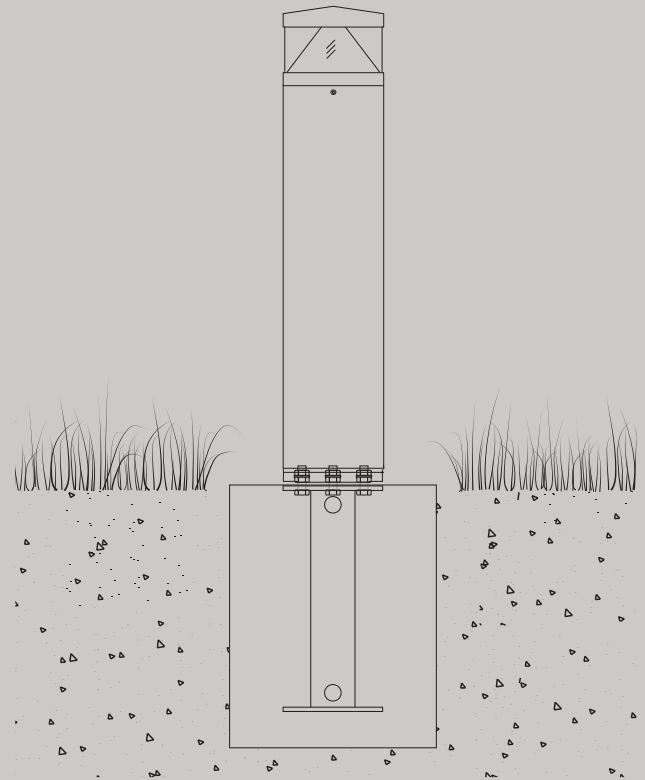
21
BASE PLATE AND FIXING BOLTS
174 x H 200mm



185
HIGH RESISTANCE IN-GROUND FIXING BASE



Zefiro + Code 185
(Code 185 high resistance in-ground fixing base)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



215
3/4 way terminal block 3 poles IP68
(Ø5,5=12mm cable)



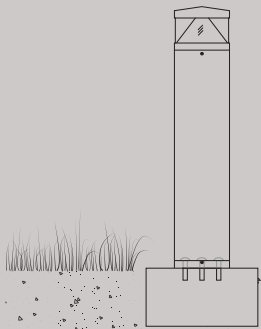
Accessories chart

acc. code ▶	21	185	237	215
532001	●	●	●	●
532002	●	●	●	●
532003	●	●	●	●
532004	●	●	●	●
532005	●	●	●	●
532006	●	●	●	●
532007	●	●	●	●
532008	●	●	●	●
532009	●	●	●	●

acc. code ▶	21	185	237	215
532010	●	●	●	●
532011	●	●	●	●
532012	●	●	●	●
532013	●	●	●	●
532014	●	●	●	●
532015	●	●	●	●
532016	●	●	●	●
532017	●	●	●	●
532018	●	●	●	●

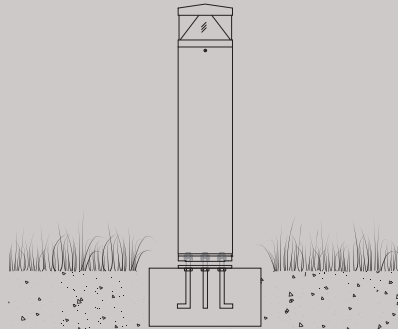
Correct Fixing Method

Bollard fixed on plinth + plug



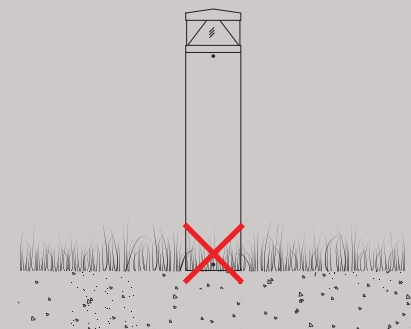
Correct Fixing Method

Bollard fixed on plinth + fixing bolts code 21



Incorrect Fixing Method

Do not fix the bollard directly on the ground



Talia





Talia LED

Design by Ares Concept

IP65   

- Bollard light for outdoor installation.
- Configuration: extruded aluminium structure
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Clipped Uv-stabilized opal polycarbonate diffuser. The LED module is housed in a sealed transparent polycarbonate cylinder with compensation valve.
- Protection Rating: IP65
- In compliance with EN 60598-1
- Class of insulation: II
- Installation: the luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and adhesive lined heat-shrink tubing for a watertight electrical connection. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Bollard light



Pre-wired with approx
200mm of cable

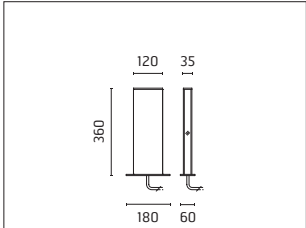
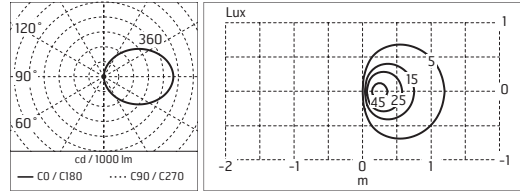


Protection against
impact.
IK 08 - 5,00 joule

Talia Low Power LED / H. 360 mm - Single Emission



503005 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 3W/220÷240V
 Total power 4W
 LED lm 216 ≠ FIXT lm 73
 CRI >70
 Electronic power supply included



503011 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 3W/220÷240V
 Total power 4W
 LED lm 216 ≠ FIXT lm 73
 CRI >80
 Electronic power supply included

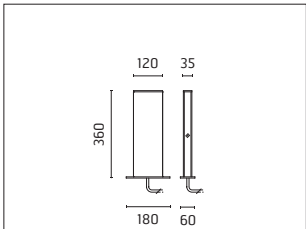
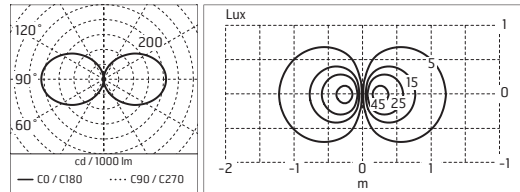


503006 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 3W/220÷240V
 Total power 4W
 LED lm 216 ≠ FIXT lm 73
 CRI >80
 Electronic power supply included

Talia Low Power LED / H. 360 mm - Double Emission



503007 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 2x(3W)/220÷240V
 Total power 7W
 LED lm 2x216 ≠ FIXT lm 2x73
 CRI >70
 Electronic power supply included



503012 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 2x(3W)/220÷240V
 Total power 7W
 LED lm 2x216 ≠ FIXT lm 2x73
 CRI >80
 Electronic power supply included



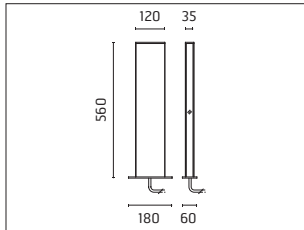
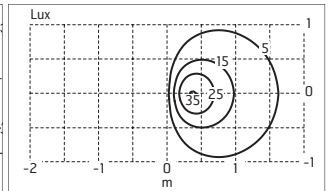
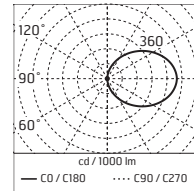
503008 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 2x(3W)/220÷240V
 Total power 7W
 LED lm 2x216 ≠ FIXT lm 2x73
 CRI >80
 Electronic power supply included



Talia Low Power LED / H. 560 mm - Single Emission



503001 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 5W/220÷240V
 Total power 6W
 LED lm 360 ≠ FIXT lm 123
 CRI >70
 Electronic power supply included



503009 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 5W/220÷240V
 Total power 6W
 LED lm 360 ≠ FIXT lm 123
 CRI >80
 Electronic power supply included

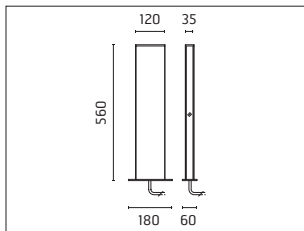
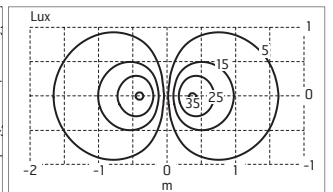
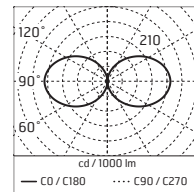


503002 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 5W/220÷240V
 Total power 6W
 LED lm 360 ≠ FIXT lm 123
 CRI >80
 Electronic power supply included

Talia Low Power LED / H. 560 mm - Double Emission



503003 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 2x(5W)/220÷240V
 Total power 11W
 LED lm 2x360 ≠ FIXT lm 2x123
 CRI >70
 Electronic power supply included



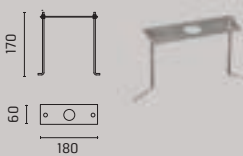
503010 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 2x(5W)/220÷240V
 Total power 11W
 LED lm 2x360 ≠ FIXT lm 2x123
 CRI >80
 Electronic power supply included



503004 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 2x(5W)/220÷240V
 Total power 11W
 LED lm 2x360 ≠ FIXT lm 2x123
 CRI >80
 Electronic power supply included

Accessories: Talia LED

139
 BASE PLATE AND FIXING BOLTS
 180 x 60 x H 170mm



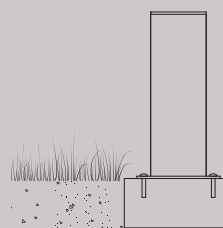
237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



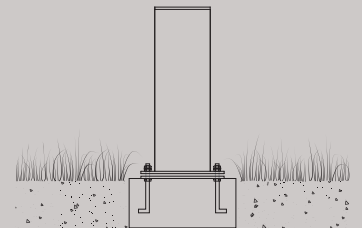
Accessories chart

acc. code	▶ 139	▶ 237
prod. code	▼	▼
503001	•	•
503002	•	•
503003	•	•
503004	•	•
503005	•	•
503006	•	•
503007	•	•
503008	•	•
503009	•	•
503010	•	•
503011	•	•
503012	•	•

Correct Fixing Method
 Bollard fixed on plinth + plug



Correct Fixing Method
 Bollard fixed on plinth + fixing bolts



Lambda/Kappa





Lambda LED

Kappa LED

Design by Ares Concept

IP65

- Bollard for outdoor installation on floor.
- Configuration: Extruded aluminium body, aluminium base with 15 micron anodizing for high resistance to corrosion. Methacrylate diffuser. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Lambda LED/Kappa LED are equipped with a piece of neoprene cable for an easy-to-make connection Lambda/Kappa are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Lambda/Kappa are protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Bollard Light



Pre-wired with approx
1000mm of cable



Remote device required.



Protection against
impact.
IK 06 - 1,00 joule

Lambda Power LED / H. 300mm - Methacrylate Diffuser



515031 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 96
CRI >70

Remote electronic power supply to be ordered

515032 A A+ A++

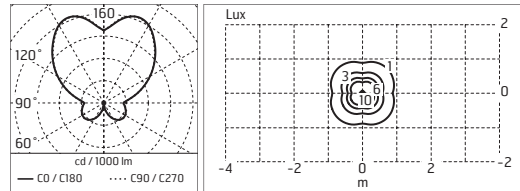
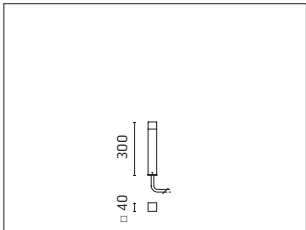
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 82
CRI >80

Remote electronic power supply to be ordered

515033 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 75
CRI >80

Remote electronic power supply to be ordered



Lambda Power LED / H. 600mm - Methacrylate Diffuser



515061 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 86
CRI >70

Remote electronic power supply to be ordered

515062 A A+ A++

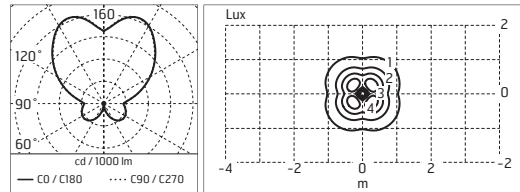
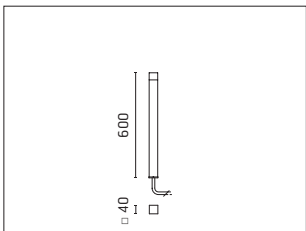
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 82
CRI >80

Remote electronic power supply to be ordered

515063 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 75
CRI >80

Remote electronic power supply to be ordered



Lambda Power LED / H. 900mm - Methacrylate Diffuser



515091 A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 86
CRI >70

Remote electronic power supply to be ordered

515092 A A+ A++

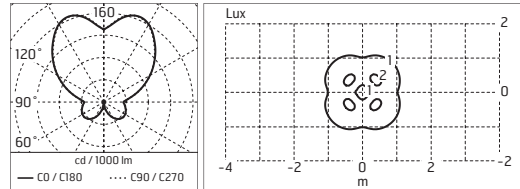
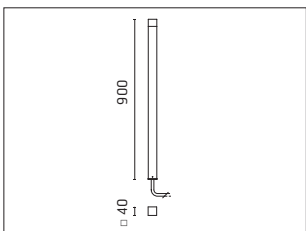
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 82
CRI >80

Remote electronic power supply to be ordered

515093 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 75
CRI >80

Remote electronic power supply to be ordered



Kappa Power LED / H. 300mm - Methacrylate Diffuser

**514031** A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 68
CRI >70

Remote electronic power supply
to be ordered

514032 A A+ A++

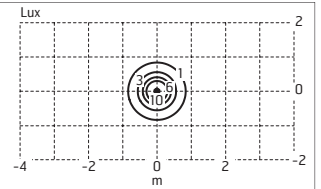
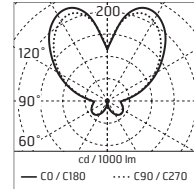
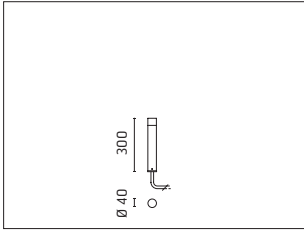
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 65
CRI >80

Remote electronic power supply
to be ordered

514033 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 60
CRI >80

Remote electronic power supply
to be ordered



Kappa Power LED / H. 600mm - Methacrylate Diffuser

**514061** A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 68
CRI >70

Remote electronic power supply
to be ordered

514062 A A+ A++

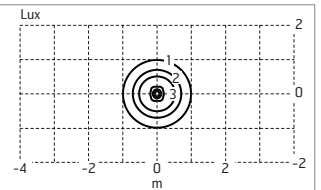
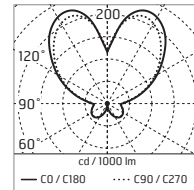
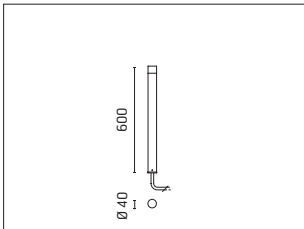
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 65
CRI >80

Remote electronic power supply
to be ordered

514063 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 60
CRI >80

Remote electronic power supply
to be ordered



Kappa Power LED / H. 900mm - Methacrylate Diffuser

**514091** A A+ A++

COOL WHITE 6000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 169 ≠ FIXT lm 68
CRI >70

Remote electronic power supply
to be ordered

514092 A A+ A++

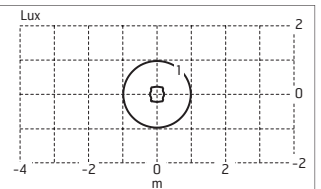
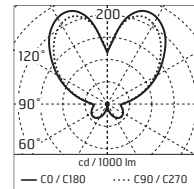
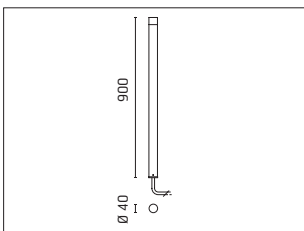
NATURAL WHITE 4000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 162 ≠ FIXT lm 65
CRI >80

Remote electronic power supply
to be ordered

514093 A A+ A++

WARM WHITE 3000K
POWER LED
2W/12÷24Vdc
Total power 2,3W
LED lm 149 ≠ FIXT lm 60
CRI >80

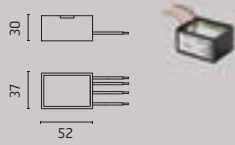
Remote electronic power supply
to be ordered



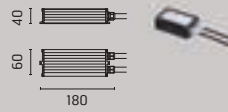


Accessories: Lambda LED / Kappa LED

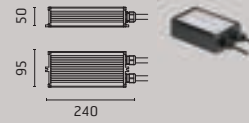
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc, 8W/100÷240V
Iout 350mA; 6X1W/100÷240V - IP65 CLASS II SELV EQ.



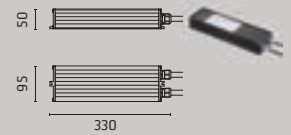
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



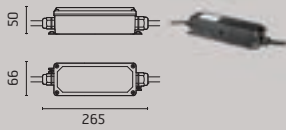
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



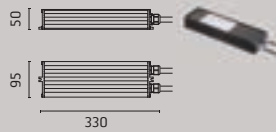
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.

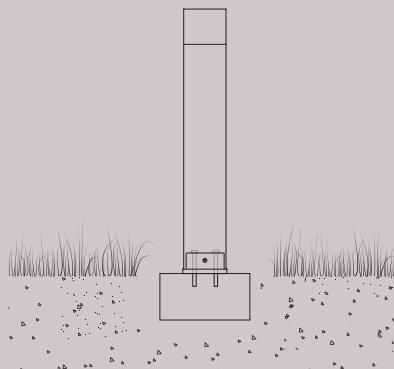


Accessories chart

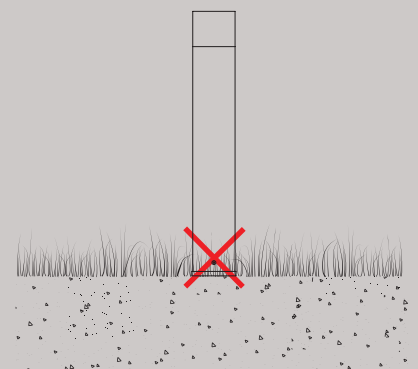
acc. code ▶	106	175	147	155	110	156
prod. code ▼						
Lambda						
515031	•	•	•	•	•	•
515032	•	•	•	•	•	•
515033	•	•	•	•	•	•
515063	•	•	•	•	•	•
515091	•	•	•	•	•	•
515092	•	•	•	•	•	•
515093	•	•	•	•	•	•
516061	•	•	•	•	•	•
516062	•	•	•	•	•	•
Kappa						
514031	•	•	•	•	•	•
514032	•	•	•	•	•	•
514033	•	•	•	•	•	•
514061	•	•	•	•	•	•
514062	•	•	•	•	•	•
514063	•	•	•	•	•	•
514091	•	•	•	•	•	•
514092	•	•	•	•	•	•
514093	•	•	•	•	•	•



Correct Fixing Method
Bollard fixed on plinth + plug



Incorrect Fixing Method
Do not fix the bollard directly on the ground



Sandro





Sandro LED

Design by Ares Concept

IP65   

- Bollard light for outdoor installation.
- Configuration: extruded aluminium structure
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Uv-stabilized satin polycarbonate, expanded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1
- Class of insulation: II
- Installation: the luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and adhesive lined heat-shrink tubing for a watertight electrical connection. The use of a corrugated tube (ø30-50mm) allows an easier connection to the line. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Bollard light



Pre-wired with approx
200mm of cable



Protection against
impact.
IK 10 - 20,00 joule

Sandro Power LED / H. 500 mm

**502004** A A+ A++

COOL WHITE 6000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 650 ≠ FIXT lm 255
CRI >70

Electronic power supply included

502005 A A+ A++

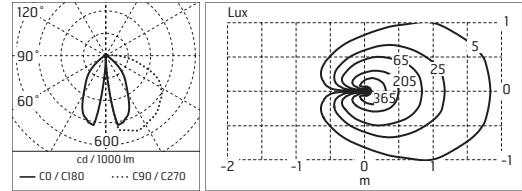
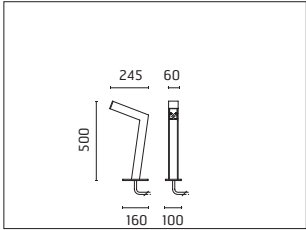
NATURAL WHITE 4000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 560 ≠ FIXT lm 220
CRI >80

Electronic power supply included

502006 A A+ A++

WARM WHITE 3000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 520 ≠ FIXT lm 204
CRI >80

Electronic power supply included



Sandro Power LED / H. 900 mm

**502001** A A+ A++

COOL WHITE 6000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 650 ≠ FIXT lm 255
CRI >70

Electronic power supply included

502002 A A+ A++

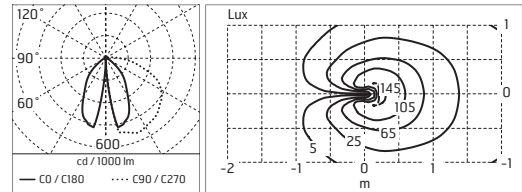
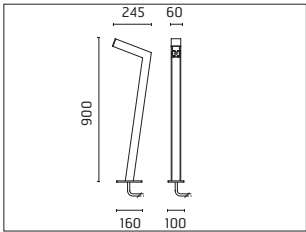
NATURAL WHITE 4000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 560 ≠ FIXT lm 220
CRI >80

Electronic power supply included

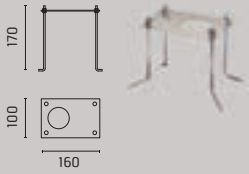
502003 A A+ A++

WARM WHITE 3000K
POWER LEDs
5x1W/100÷240V
Total power 8W
LED lm 520 ≠ FIXT lm 204
CRI >80

Electronic power supply included



Accessories: Sandro LED

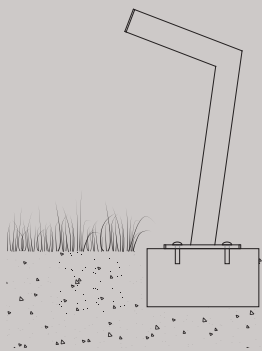
138BASE PLATE AND FIXING BOLTS
160 x 100 x H 170mm**237**SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66

Accessories chart

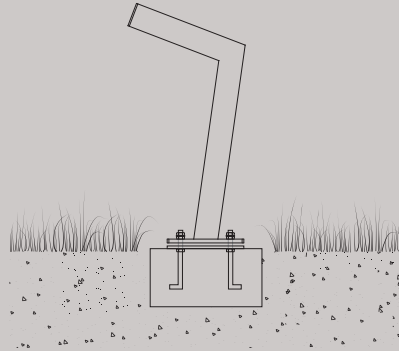
acc. code ▶	138	237
prod. code ▼		
502001	●	●
502002	●	●
502003	●	●
502004	●	●
502005	●	●
502006	●	●

Correct Fixing Method

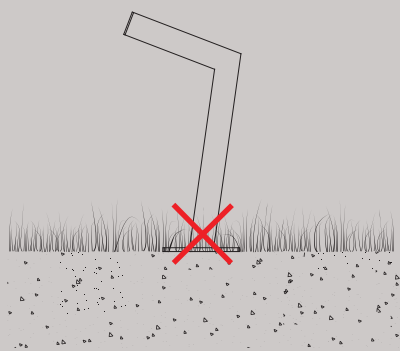
Bollard fixed on plinth + plug

**Correct Fixing Method**

Bollard fixed on plinth + fixing bolts

**Incorrect Fixing Method**

Do not fix the bollard directly on the ground



Viviana





Viviana



Viviana LED

Design by Ares Concept

IP65   

- Outdoor design bollard.
- Configuration: hot-dip zinc-coated IPE steel bar (H-frame with base) for high resistance to corrosion.
- The emission unit, fixed to the upper part of the bar, is composed of a plastic container with zinc-coated cover. Feeding cables are hosted in a hot-dip zinc-coated cover placed on the back side of the bar.
- Protection Rating: IP65
- In compliance with EN 60598-1
- Class of insulation: I
- Installation: wiring through two EPDM rubber cable glands (8\times13mm cables). We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

EU Regulation 874/2012 - Illumination equipment energy classes

-  **LED VERSION:**
Class A/A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced
-  **METAL HALIDE VERSION:**
Class A+
CDM-TM/PGJ5



7. Zinc



Bollard Light



Protection against impact.
IK 10 - 20,00 joule

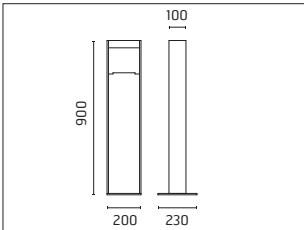
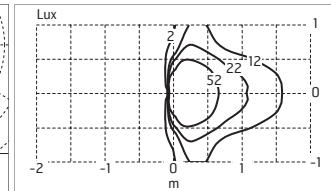
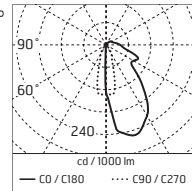


The fitting is equipped with 2 cable input

Viviana



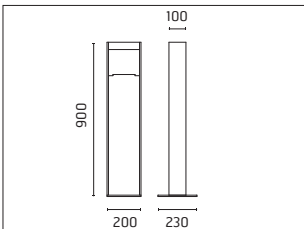
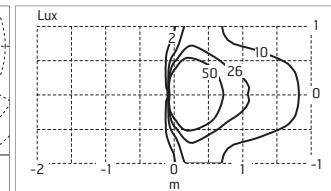
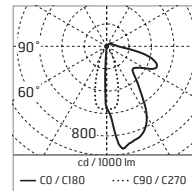
1046600 **A+**
CDM-Tm 20W PGJ5
Electronic Ballast



Viviana Power LED

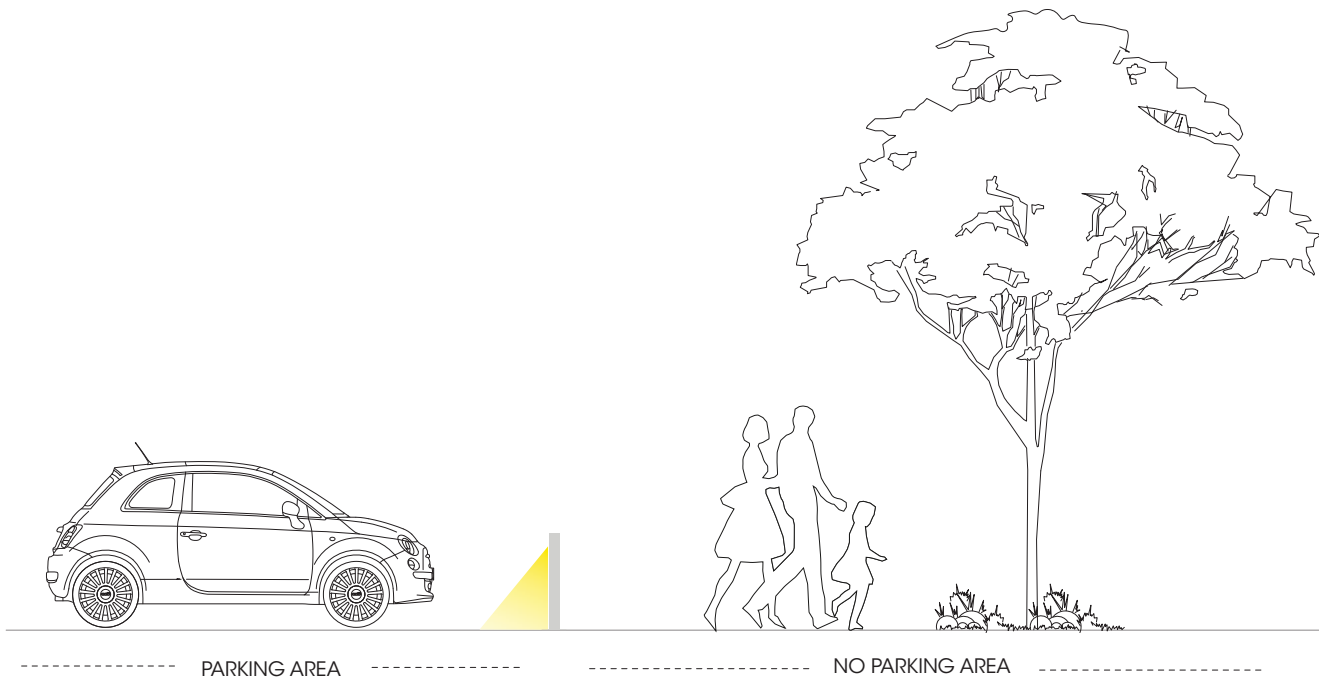


10410300 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
5x2W / 220÷240V
Total power 11W
LED lm 891 ≠ FIXT lm 238
CRI >70
Electronic power supply included

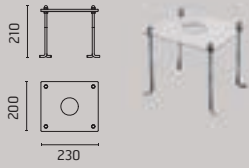


10419700 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
5x2W / 220÷240V
Total power 11W
LED lm 767 ≠ FIXT lm 205
CRI >80
Electronic power supply included

10410400 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
5x2W / 220÷240V
Total power 11W
LED lm 712 ≠ FIXT lm 190
CRI >80
Electronic power supply included



Accessories: Viviana - Viviana LED

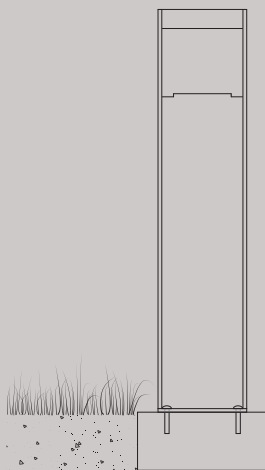
109BASE PLATE AND FIXING BOLTS
200 x 230 x H 210mm**237**SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66

Accessories chart

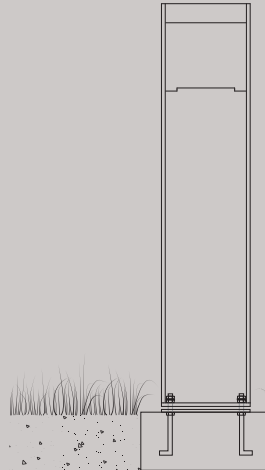
acc. code ▶	109	237
prod. code ▼		
1046600	•	
10410300	•	•
10410400	•	•
10419700	•	•

**Correct Fixing Method**

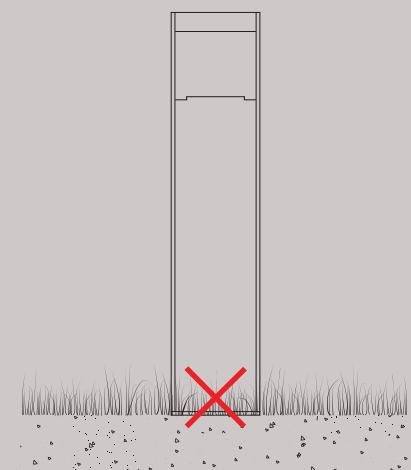
Bollard fixed on plinth + plug

**Correct Fixing Method**

Bollard fixed on plinth + fixing bolts

**Incorrect Fixing Method**

Do not fix the bollard directly on the ground



New Torcia



New Torcia

New Torcia LED

Design by Ares Concept

IP65   

- Outdoor cylindrical bollard light.
- Configuration: stainless steel top disc, turned aluminium junction, extruded aluminium pole and die-cast aluminium base, EN AB 47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Opal polycarbonate diffuser for LED versions, transparent polycarbonate diffuser with metal antiglare louvre for fluorescent versions.
- Protection Rating: IP65
- In compliance with EN 60598-1
- Class of insulation: I
- Installation: New Torcia LED is for direct connection to 230V. Outdoor use requires suitable flexible cables. The luminaire is equipped with a piece of three-pole cable. Pole in-ground: we recommend to concrete the root of the pole to improve stability. Pole with base: we recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced

FLUORESCENT VERSION:
Class A
TC-DEL/G24q-2
TC-DEL/G24q-3



Bollard Light



Wall fitting



Pre-wired with approx
150mm of cable

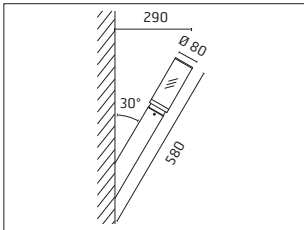


Protection against
impact.
IK 09 -10,00 joule

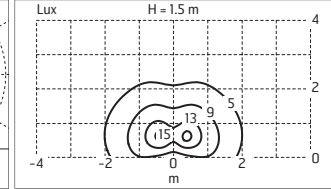
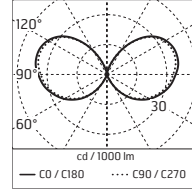
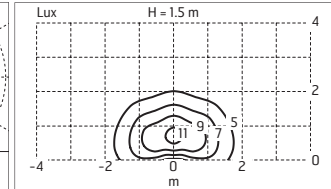
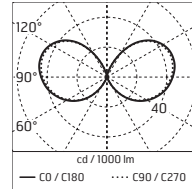
New Torcia / Wall Version



528001 **A**
TC-DEL 18W G24q-2
Electronic ballast



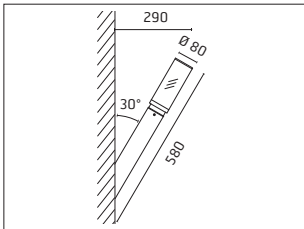
528002 **A**
TC-DEL 26W G24q-3
Electronic ballast



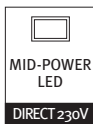
New Torcia Mid-Power LED / Wall Version



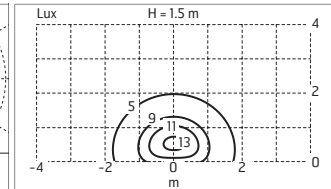
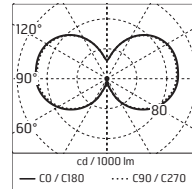
528003 **A A+ A++**
COOL WHITE 6000K
MID-POWER LEDs
8W/220÷230V
Total power 9W
LED lm 840 ≠ FIXT lm 756
CRI >80
Led module set up to work
directly connected to the mains



528004 **A A+ A++**
NATURAL WHITE 4000K
MID-POWER LEDs
8W/220÷230V
Total power 9W
LED lm 740 ≠ FIXT lm 665
CRI >80
Led module set up to work
directly connected to the mains



528005 **A A+ A++**
WARM WHITE 3000K
MID-POWER LEDs
8W/220÷230V
Total power 9W
LED lm 700 ≠ FIXT lm 630
CRI >80
Led module set up to work
directly connected to the mains

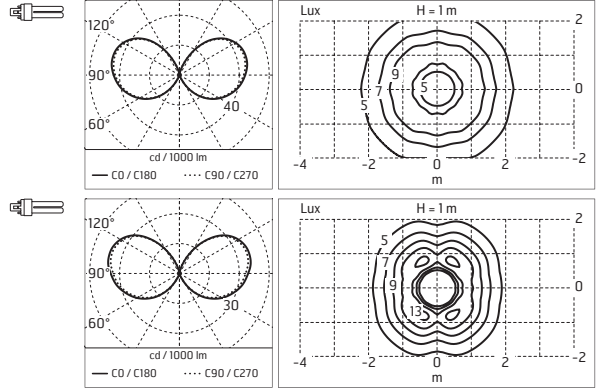
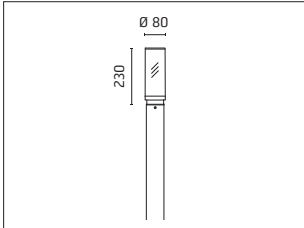


New Torcia / Pole Version



528006 A
 TC-DEL 18W G24q-2
 Electronic ballast

528007 A
 TC-DEL 26W G24q-3
 Electronic ballast



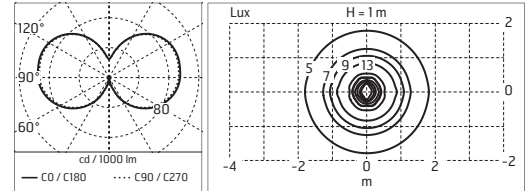
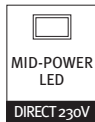
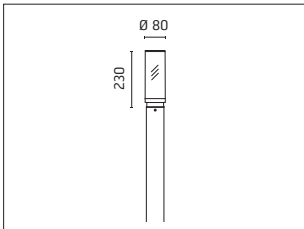
New Torcia Mid-Power LED / Pole Version



528008 A A+ A++
 COOL WHITE 6000K
 MID-POWER LEDs
 8W/220÷230V
 Total power 9W
 LED lm 840 = FIXT lm 756
 CRI >80
 Led module set up to work
 directly connected to the mains

528009 A A+ A++
 NATURAL WHITE 4000K
 MID-POWER LEDs
 8W/220÷230V
 Total power 9W
 LED lm 740 = FIXT lm 665
 CRI >80
 Led module set up to work
 directly connected to the mains

528010 A A+ A++
 WARM WHITE 3000K
 MID-POWER LEDs
 8W/220÷230V
 Total power 8,7W
 LED lm 700 = FIXT lm 630
 CRI >80
 Led module set up to work
 directly connected to the mains



New Torcia / Poles

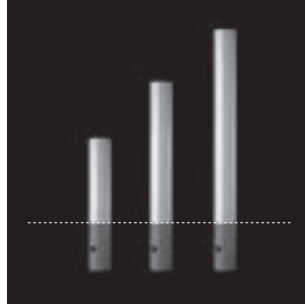


1505
H. 500 mm

1509
H. 900 mm

1512
H. 1200 mm

with Base



1605
H. 500 (+300) mm

1609
H. 900 (+300) mm

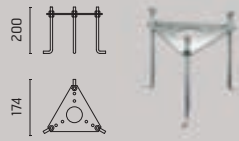
1612
H. 1200 (+300) mm

In-Ground (+300 mm Root)



Accessories: New Torcia - New Torcia LED

21
BASE PLATE AND FIXING BOLTS
174 x H 200mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66

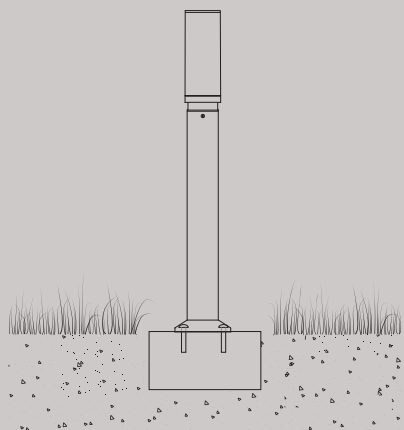


Accessories chart

acc. code ▶	21	acc. code ▶	21	237
prod. code ▼		prod. code ▼		
bollard				
1505	●	528001		
1509	●	528002		
1512	●	528003		●
1605		528004		●
1609		528005		●
1610		528006		
		528007		
		528008		●
		528009		●
		528010		●

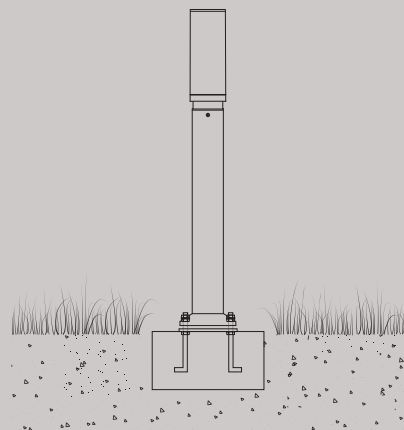
Correct Fixing Method

Bollard fixed on plinth + plug



Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Silvia








MiniSilvia - MiniSilvia on post

Design by Ares Concept

- Outdoor luminaire for installation on wall, ceiling and floor. The version “on post” is only for installation on floor.
- Configuration: die-cast aluminium structure EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”), borosilicate transparent or sandblasted glass, moulded silicone gaskets. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: - Mini Silvia: wiring through M16x1,5 cable gland (4,5xØ10mm cables) placed under the head of the luminaire. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. - Mini Silvia on post: the luminaire is supplied with a piece of cable and an IP68 connector (for cables 5xØ13mm) for direct or end-to-end connection. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

	METAL HALIDE VERSION: Class A+ HIT-TC-CE/G8,5
	FLUORESCENT VERSION: Class A TC-DEL/G24q-1 TC-DEL/G24q-2
	HALOGEN VERSION: Class D QT32/E27

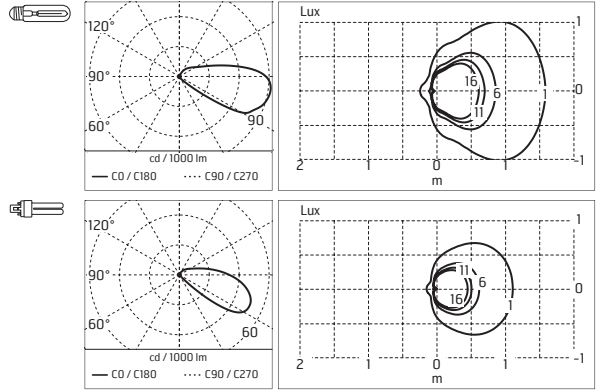
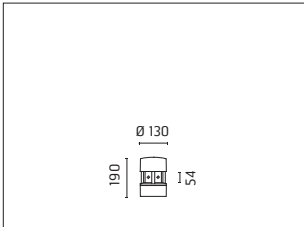


MiniSilvia / Sandblasted Glass - 120° Emission



930121 D
QT 32 60W E27

934021 A
TC-DEL 10W G24q-1
Electronic ballast

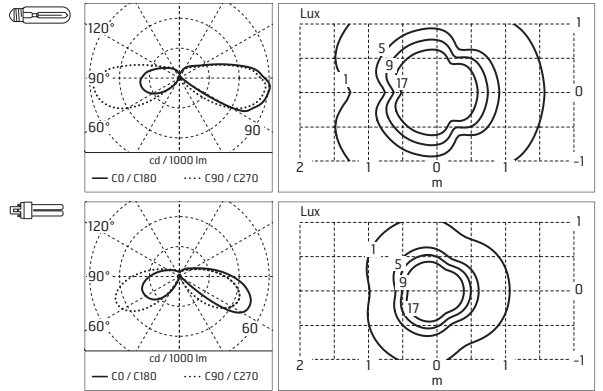
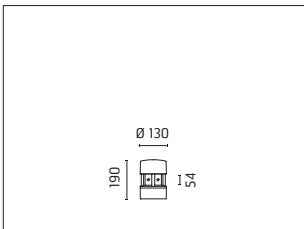


MiniSilvia / Sandblasted Glass - 360° Emission



930100 D
QT 32 60W E27

934000 A
TC-DEL 10W G24q-1
Electronic ballast

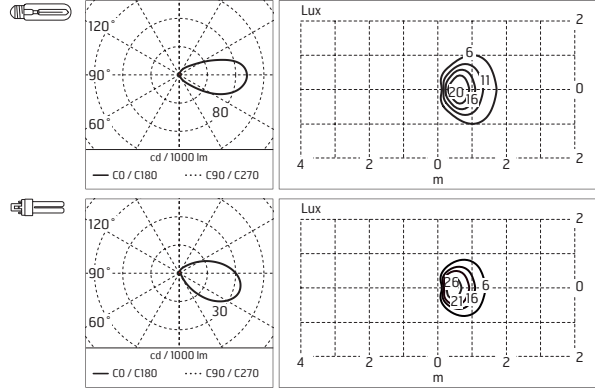
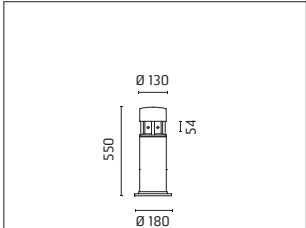


MiniSilvia on post / H. 550 mm - Sandblasted Glass - 120° Emission



930181 **D**
QT 32 60W E27

935981 **A**
TC-DEL 18W G24q-2
Electronic ballast

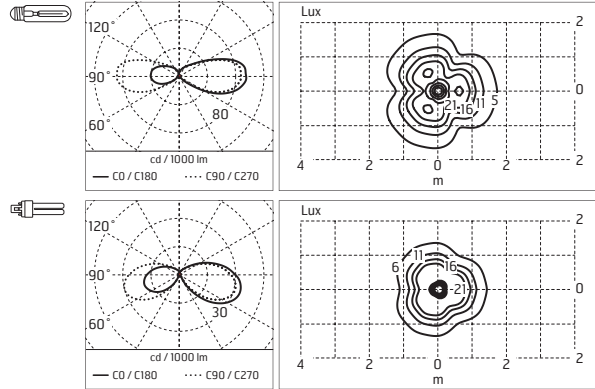
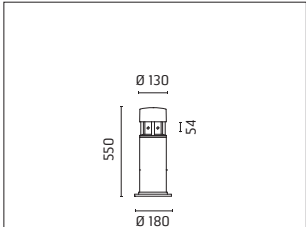


MiniSilvia on post / H. 550 mm - Sandblasted Glass - 360° Emission



930178 **D**
QT 32 60W E27

935978 **A**
TC-DEL 18W G24q-2
Electronic ballast

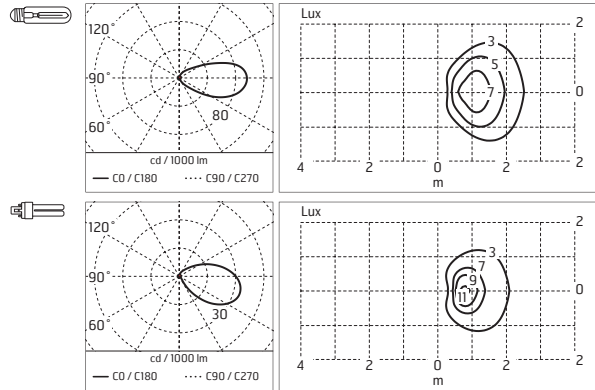
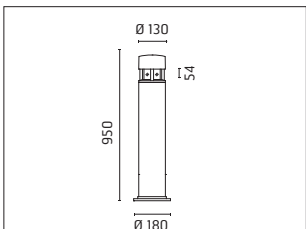


MiniSilvia on post / H. 950 mm - Sandblasted Glass - 120° Emission



930182 **D**
QT 32 60W E27

935982 **A**
TC-DEL 18W G24q-2
Electronic ballast

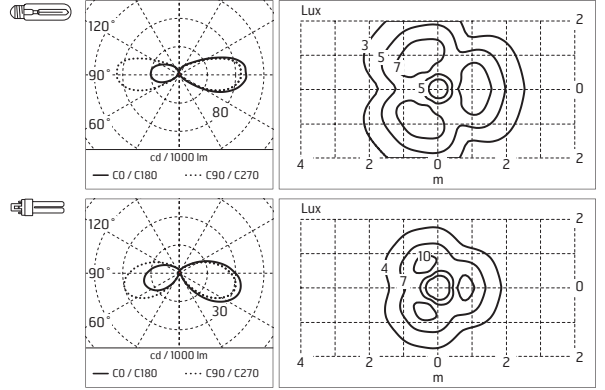
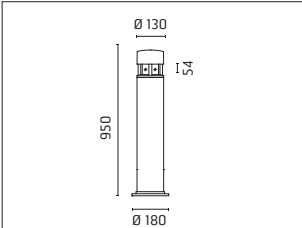


MiniSilvia on post / H. 950 mm - Sandblasted Glass - 360° Emission



930179 **D**
QT 32 60W E27

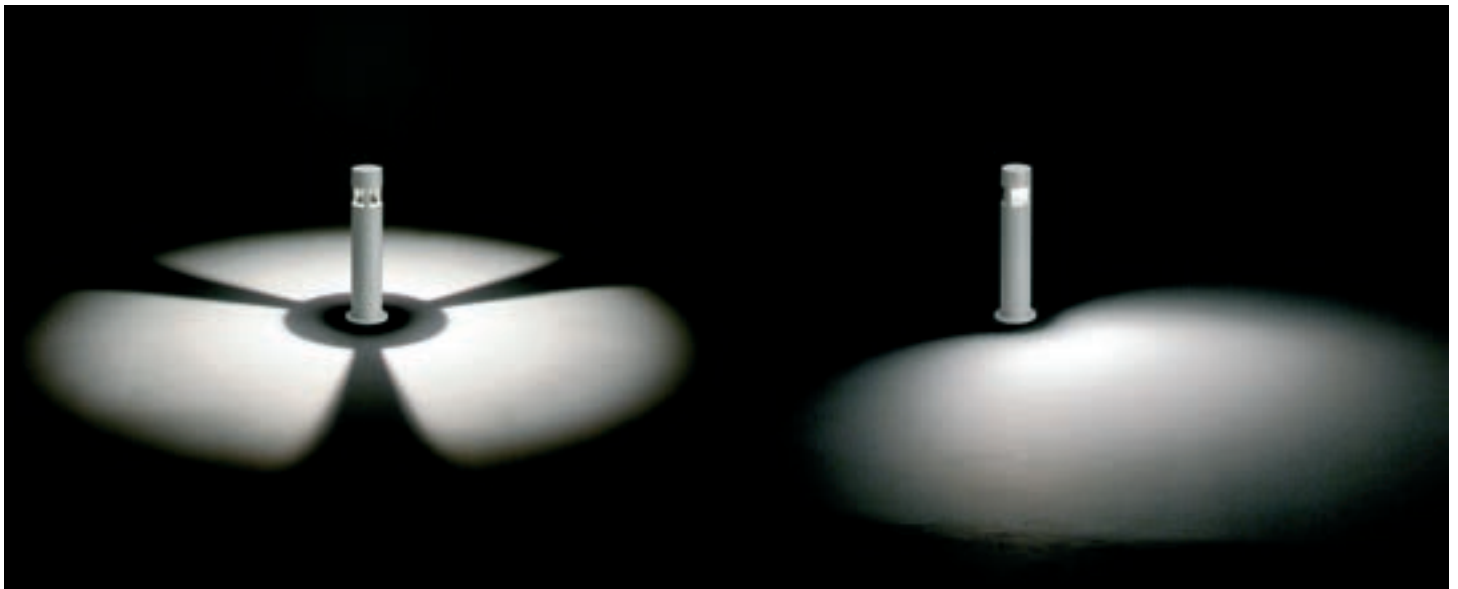
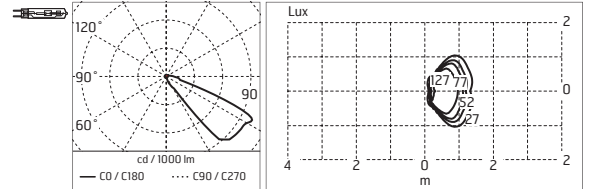
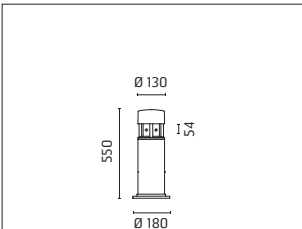
935979 **A**
TC-DEL 18W G24q-2
Electronic ballast



MiniSilvia on post / H. 550 mm - Transparent Glass - 120° Emission



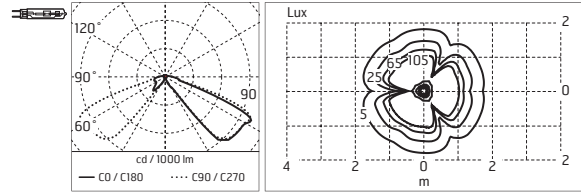
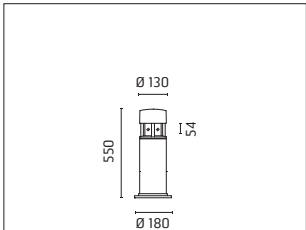
936787 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast



MiniSilvia on post / H. 550 mm - Transparent Glass - 360° Emission



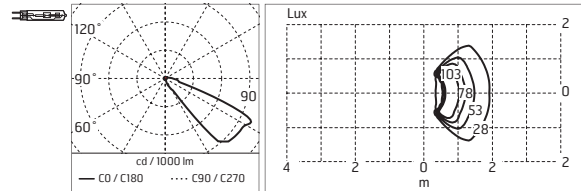
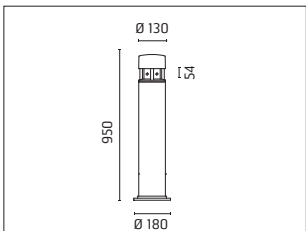
936784 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast



MiniSilvia on post / H. 950 mm - Transparent Glass - 120° Emission



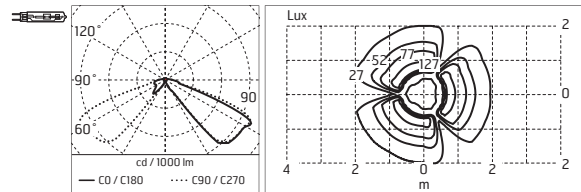
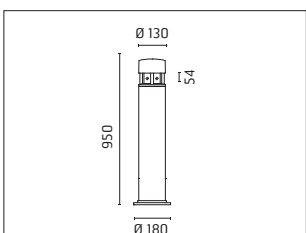
936788 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast



MiniSilvia on post / H. 950 mm - Transparent Glass - 360° Emission



936785 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast








Silvia - Silvia on post

Design by Ares Concept

- Outdoor luminaire for installation on wall, ceiling and floor. The version “on post” is only for installation on floor.
- Configuration: die-cast aluminium structure EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”), borosilicate transparent or sandblasted glass, moulded silicone gaskets. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: - Silvia: wiring through M16x1,5 cable gland (4,5ø<10mm cables) placed under the head of the luminaire. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. - Silvia on post: the luminaire is supplied with a piece of cable and an IP68 connector (for cables 5ø<13mm) for direct or end-to-end connection. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

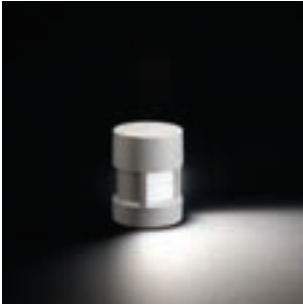
IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

	METAL HALIDE VERSION: Class A+ HIT-CE/G12
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-3
	HALOGEN VERSION: Class D QJ32/E27



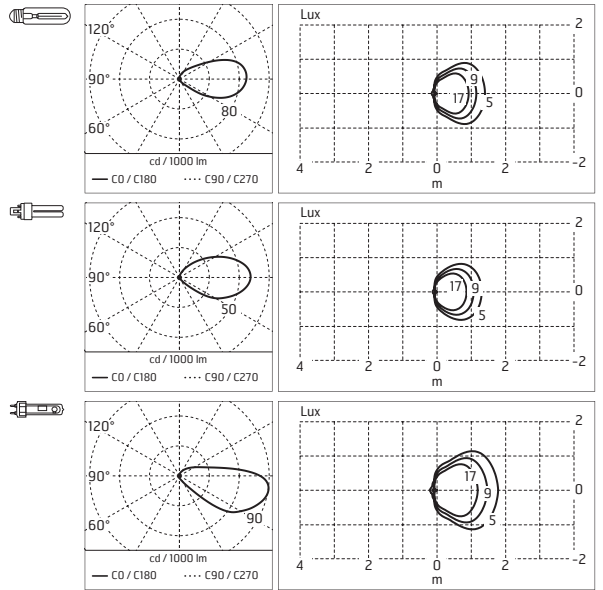
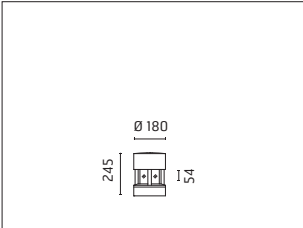
Silvia / Sandblasted Glass - 120° Emission



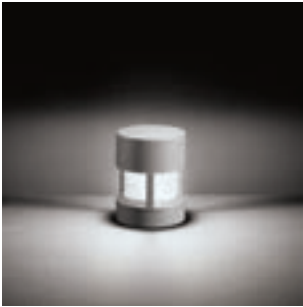
850121 D
QT 32 100W E27

859821 A
TC-TEL 26W GX24q-3
Electronic ballast

853521 A+
HIT-CE 35W G12



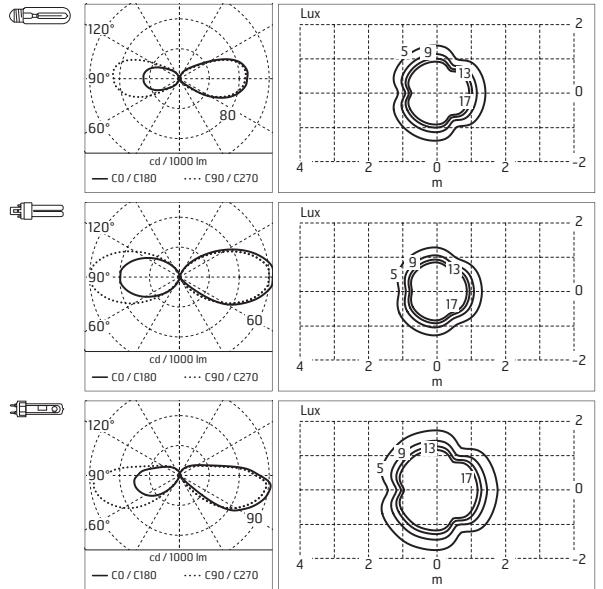
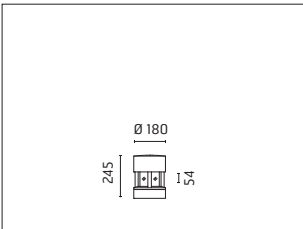
Silvia / Sandblasted Glass - 360° Emission



850100 D
QT 32 100W E27

859800 A
TC-TEL 26W GX24q-3
Electronic ballast

853500 A+
HIT-CE 35W G12

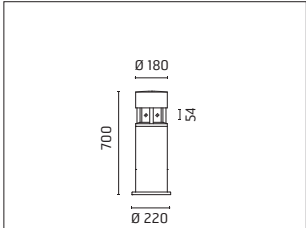


Silvia on post / H. 700 mm - Sandblasted Glass - 120° Emission

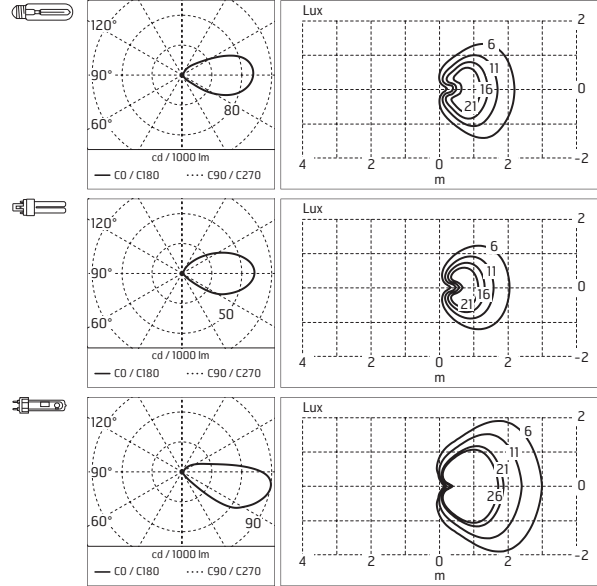


850175 D
QT 32 100W E27

859875 A
TC-TEL 26W GX24q-3
Electronic ballast



853575 A+
HIT-CE 35W G12

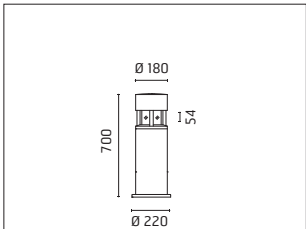


Silvia on post / H. 700 mm - Sandblasted Glass - 360° Emission

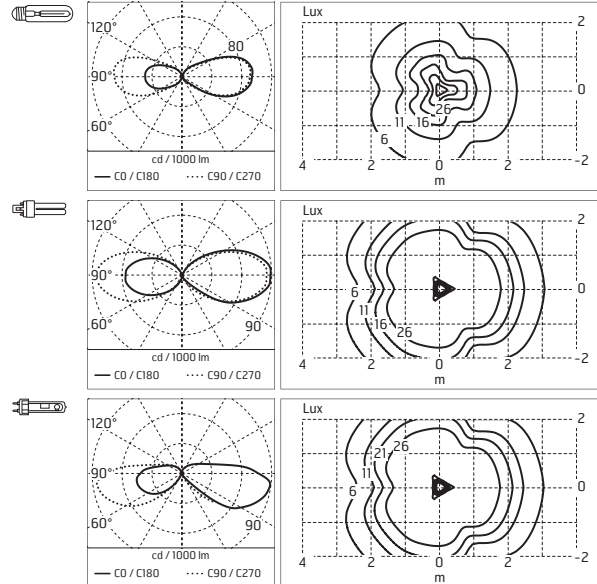


850173 D
QT 32 100W E27

859873 A
TC-TEL 26W GX24q-3
Electronic ballast



853573 A+
HIT-CE 35W G12

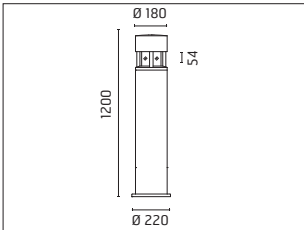


Silvia on post / H. 1200 mm - Sandblasted Glass - 120° Emission

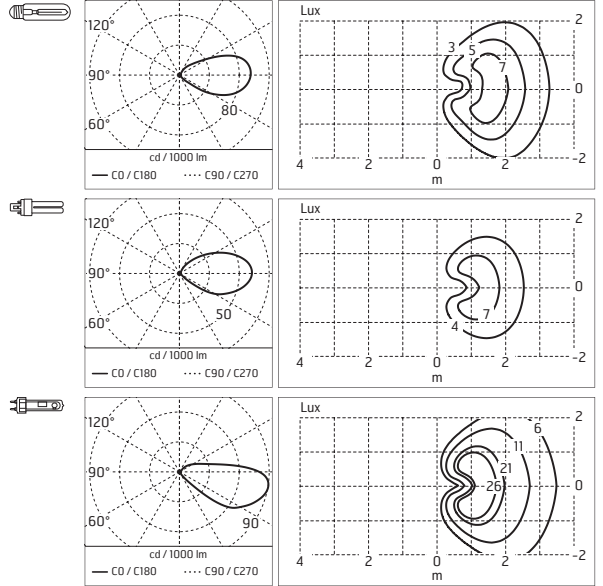


850176 D
QT 32 100W E27

859876 A
TC-TEL 26W GX24q-3
Electronic ballast



853576 A+
HIT-CE 35W G12

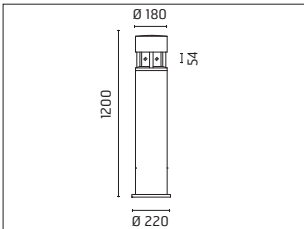


Silvia on post / H. 1200 mm - Sandblasted Glass - 360° Emission

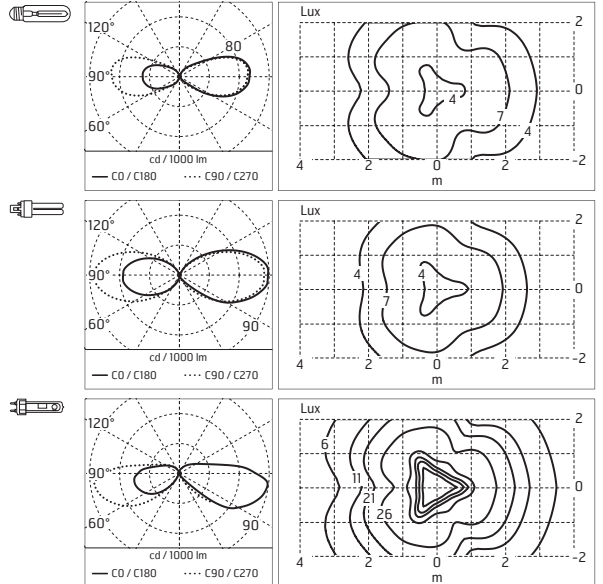


850174 D
QT 32 100W E27

859874 A
TC-TEL 26W GX24q-3
Electronic ballast



853574 A+
HIT-CE 35W G12



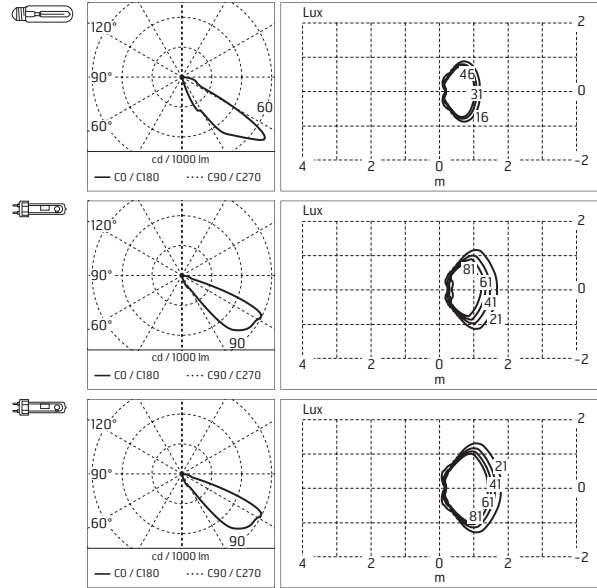
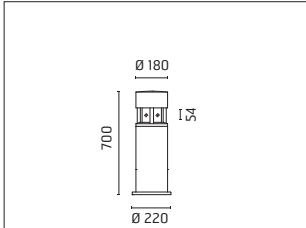
Silvia on post / H. 700 mm - Transparent Glass - 120° Emission



850169 **D**
QT 32 150W E27

853569 **A+**
HIT-CE 35W G12

857169 **A+**
HIT-CE 70W G12



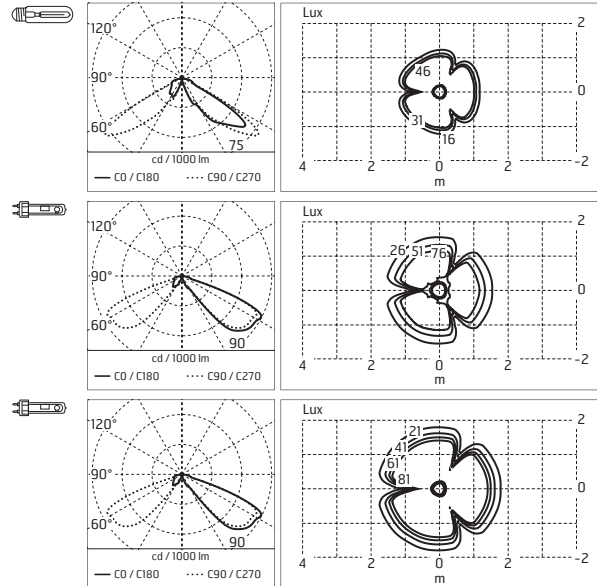
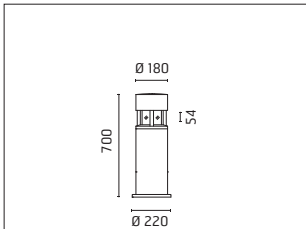
Silvia on post / H. 700 mm - Transparent Glass - 360° Emission



850167 **D**
QT 32 150W E27

853567 **A+**
HIT-CE 35W G12

857167 **A+**
HIT-CE 70W G12



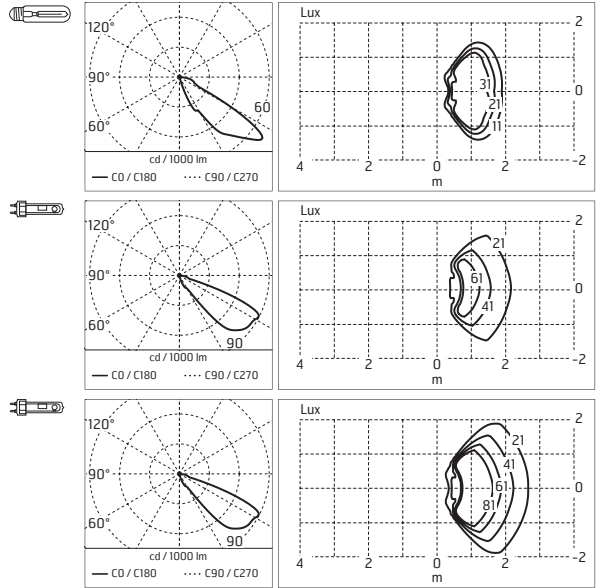
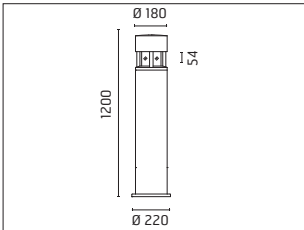
Silvia on post / H. 1200 mm - Transparent Glass - 120° Emission



850170 D
QT 32 150W E27

853570 A+
HIT-CE 35W G12

857170 A+
HIT-CE 70W G12



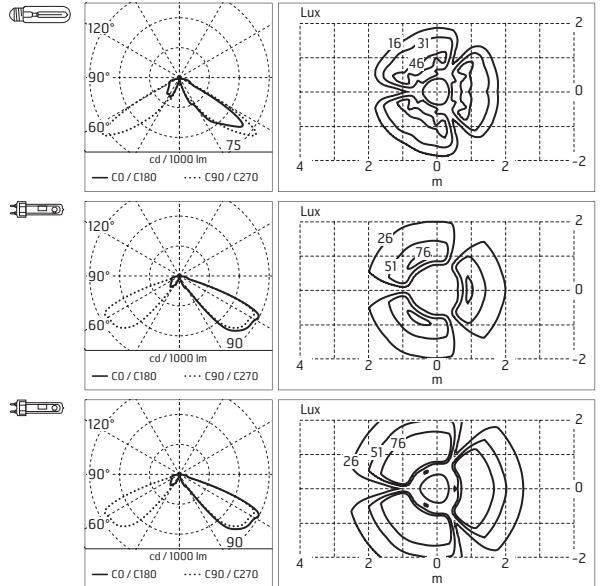
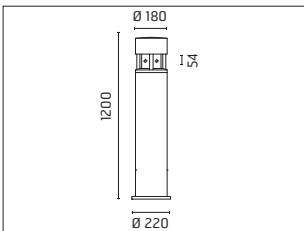
Silvia on post / H. 1200 mm - Transparent Glass - 360° Emission



850168 D
QT 32 150W E27

853568 A+
HIT-CE 35W G12

857168 A+
HIT-CE 70W G12



Accessories: MiniSilvia/MiniSilvia on Post/Silvia/Silvia on Post

21
BASE PLATE AND FIXING BOLTS
174 x H 200mm



Accessories chart

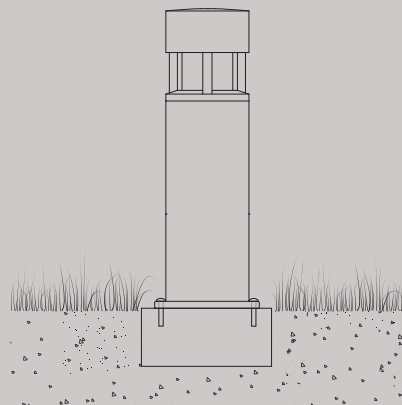
acc. code ▶	21
prod. code ▼	
MiniSilvia	
930100	
930121	
934000	
934021	
MiniSilvia on post	
930178	●
930179	●
930181	●
930182	●
935978	●
935979	●
935981	●
935982	●
936784	●
936785	●
936787	●
936788	●

Accessories chart

acc. code ▶	21
prod. code ▼	
Silvia	
850100	
850121	
853500	
853521	
859800	
859821	
Silvia on post	
850167	●
850168	●
850169	●
850170	●
850173	●
850174	●
850175	●
850176	●
850178	●
853567	●
853568	●
853569	●
853570	●
853573	●
853574	●
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857167	●
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857169	●
857170	●
859873	●
859874	●
859875	●
859876	●

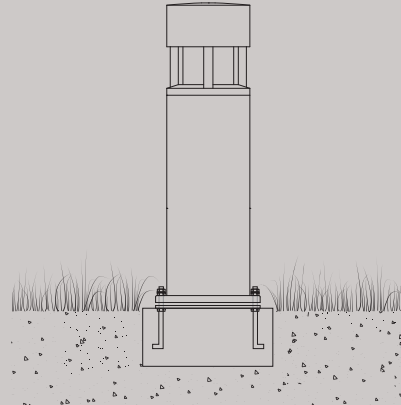
Correct Fixing Method

Bollard fixed on plinth + plug



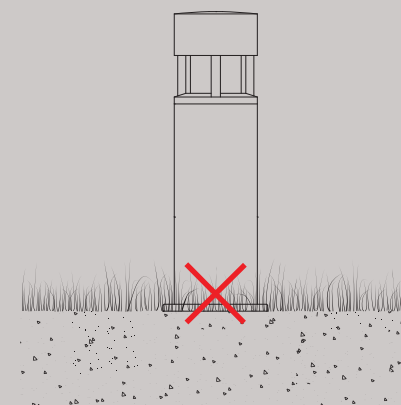
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





Laura





Laura

Design by Ares Concept

IP54 CE

- Outdoor cylindrical bollard light.
- Configuration: die-cast aluminium cap EN AB-47100 alloy (low copper content) and extruded aluminium pole
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Opal polycarbonate diffuser, silicone gaskets
- Protection Rating: IP54
- In compliance with EN 60598-1
- Class of insulation: I halogen; II fluorescent
- Installation: outdoor use requires suitable flexible cables. Pole in-ground: we recommend to concrete the root of the pole to improve stability. Pole with base: we recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).
- Fluorescent versions are supplied with a 2-way terminal block for 3-conductor cables - IP68

EU Regulation 874/2012 - Illumination equipment energy classes

A FLUORESCENT VERSION:

Class A
TC-DEL/G24q-3

D HALOGEN VERSION:

Class D
QT32/E27



Bollard Light



The fitting is equipped with 1 cable input



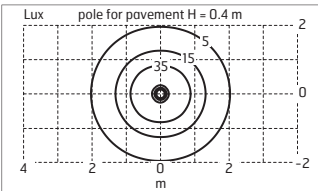
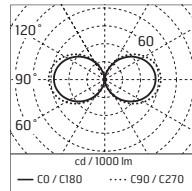
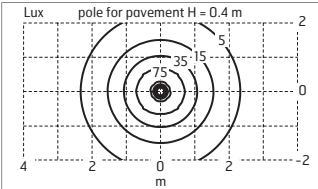
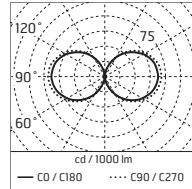
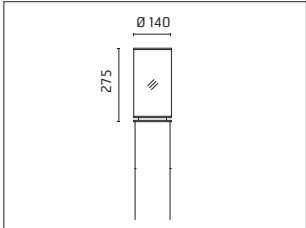
Protection against impact.
IK 08 - 7,00 joule

Laura / Opal Polycarbonate Diffuser



310100  **D**
QT 32 150W E27

316100  **A**
TC-DEL 26W G24q-3
Electronic ballast



Laura / Poles

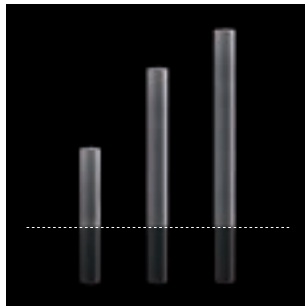


1304
H. 400 mm

1308
H. 800 mm

1310
H. 1000 mm

with Base

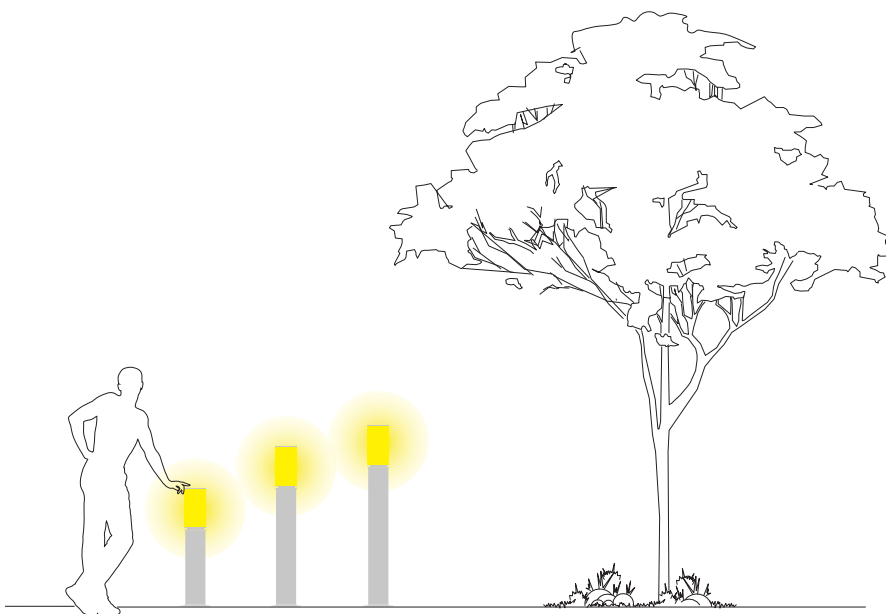


1404
H. 400 (+300) mm

1408
H. 800 (+300) mm

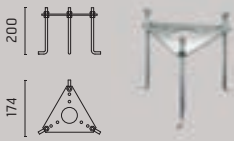
1410
H. 1000 (+300) mm

In-Ground (+300 mm Root)



Accessories: Laura

21
BASE PLATE AND FIXING BOLTS
174 x H 200mm



215
3/4 way terminal block 3 poles IP68
(Ø5,5=12mm cable)



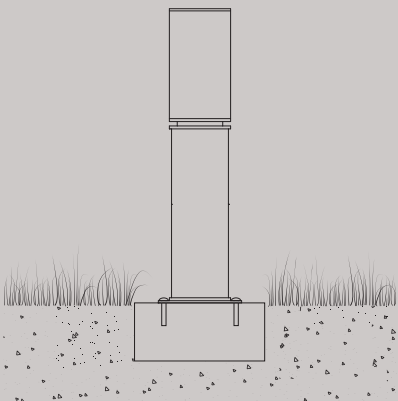
Accessories chart

acc. code ▶	21	215
prod. code ▼		
pole		
1304	•	
1308	•	
1310	•	
1404		
1408		
1410		

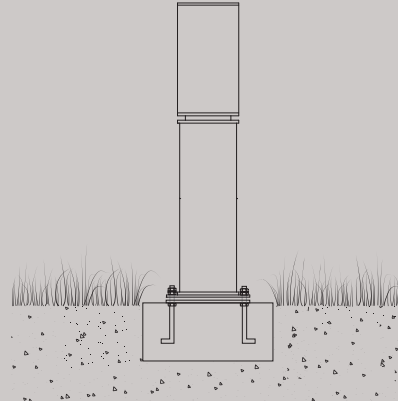
acc. code ▶	21	215
prod. code ▼		
310100		•
316100		•



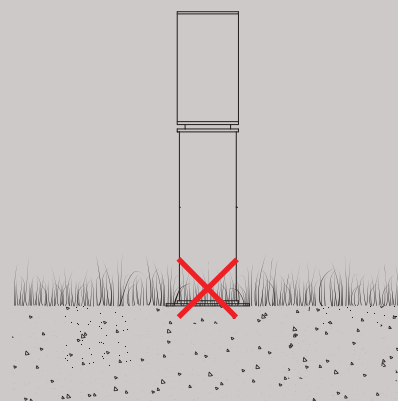
Correct Fixing Method
Bollard fixed on plinth + plug



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground



Edi





Edi

Design by Ares Concept

IP65

- Surface mounted luminaire for outdoor installation on ground.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Extruded borosilicate sandblasted glass and moulded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two M20x1,5 plastic cable glands (7xø13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a small concrete base to fix the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes

A+ LED BULB VERSION:
Class A+
DRRA/C/E27

A FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-2

D HALOGEN VERSION:
Class D
QT32/E27



Bollard Light



The fitting is equipped with 2 cable input



Protection against impact.
IK 07 - 2,00 joule

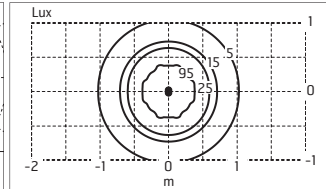
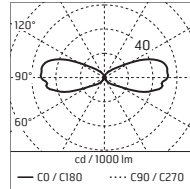
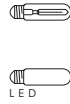
Edi / Sandblasted Glass



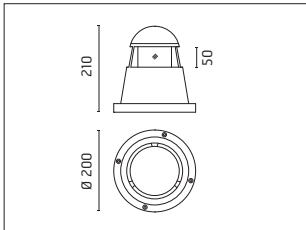
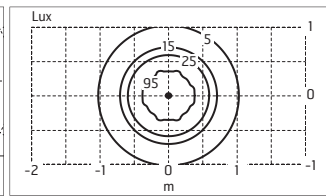
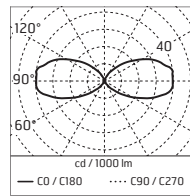
220100 D
QT 32 100W E27

Optional LED bulb A+
DRRA/C 13,5W E27
Bulb max size: Ø62 H.116

Photometric curve not available

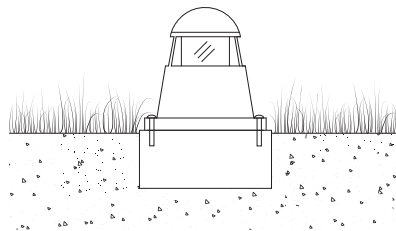


228500 A
TC-TEL 18W GX24q-2
Electronic ballast



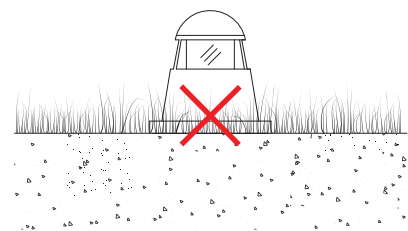
Correct Fixing Method

Bollard fixed on plinth + plug



Incorrect Fixing Method

Do not fix the bollard directly on the ground





Dooku

NEW
2015



Dooku LED

Design by Ares Concept

IP65   

- Outdoor LED luminaire for installation on wall or on pole (ø76mm and ø102mm)
- Configuration: extruded aluminium structure with die-casting closing ends. EN AB 47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards; a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered extra-clear glass diffuser with silkscreen border. The glass is fixed through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with one M20x1,5 cable gland and a piece of neoprene cable (approx. 500mm)
- The luminaire is supplied with a 2-way terminal block for 3-conductor cables - IP68

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced



2. Aluminium

3. Anthracite



Wall fitting



Floor installation



Installation on pole



Pre-wired with approx 1000mm of cable



Protection against impact
IK 09 - 10,00 joule

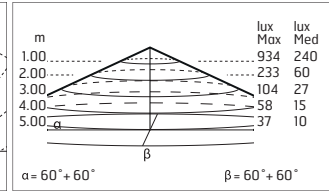
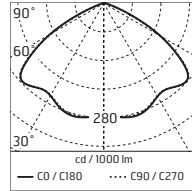


Full cut-off luminaire
(no light pollution)

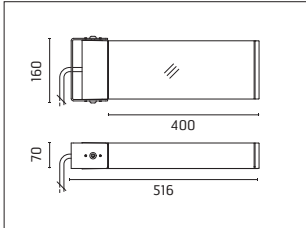
Dooku400 Power LED / Wall Version - Adjustable - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539073 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 4115 ≠ FIXT lm 3312
 CRI >70
 Electronic power supply included



539074 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3730 ≠ FIXT lm 3002
 CRI >80
 Electronic power supply included



539075 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3493 ≠ FIXT lm 2811
 CRI >80
 Electronic power supply included

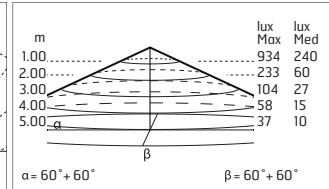
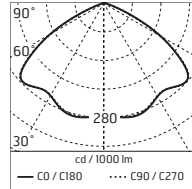




Dooku400 Power LED / Pole Ø 76mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



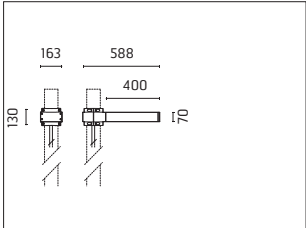
539037 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 4115 ≠ FIXT lm 3312
 CRI >70
 Electronic power supply included



539038 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 3730 ≠ FIXT lm 3002
 CRI >80
 Electronic power supply included



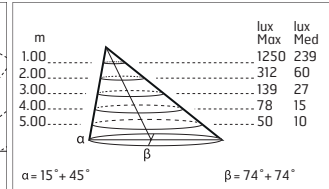
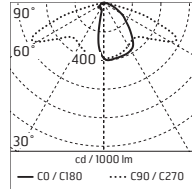
539039 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 3493 ≠ FIXT lm 2811
 CRI >80
 Electronic power supply included



Dooku400 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic



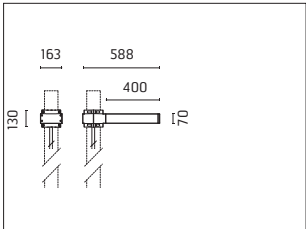
539040 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 4115 ≠ FIXT lm 3064
 CRI >70
 Electronic power supply included



539041 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 3730 ≠ FIXT lm 2778
 CRI >80
 Electronic power supply included



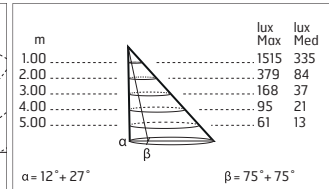
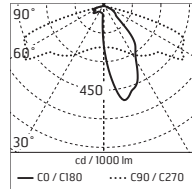
539042 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 3493 ≠ FIXT lm 2601
 CRI >80
 Electronic power supply included



Dooku400 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



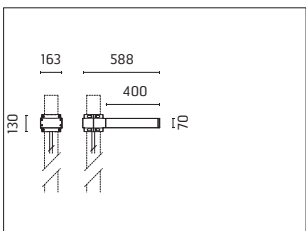
539043 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 4115 ≠ FIXT lm 3083
 CRI >70
 Electronic power supply included



539044 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 3730 ≠ FIXT lm 2795
 CRI >80
 Electronic power supply included



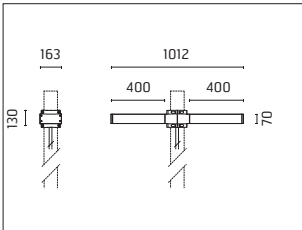
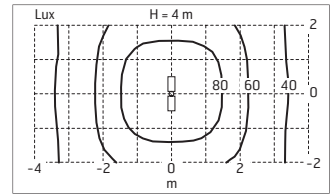
539045 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16x3W/220=240V
 Total power 39W
 LED lm 3493 ≠ FIXT lm 2618
 CRI >80
 Electronic power supply included



Dooku400 Power LED / Pole Ø 76mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539046 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x4115 ≠ FIXT lm 2x3312
 CRI >70
 Electronic power supply included



539047 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3730 ≠ FIXT lm 2x3002
 CRI >80
 Electronic power supply included

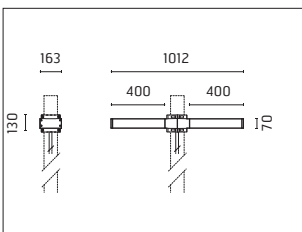
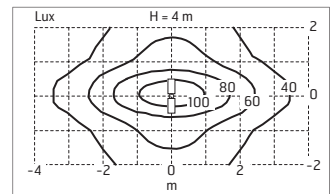


539048 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3493 ≠ FIXT lm 2x2811
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic



539049 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x4115 ≠ FIXT lm 2x3064
 CRI >70
 Electronic power supply included



539050 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3730 ≠ FIXT lm 2x2778
 CRI >80
 Electronic power supply included

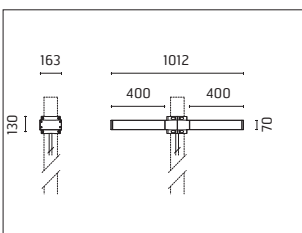
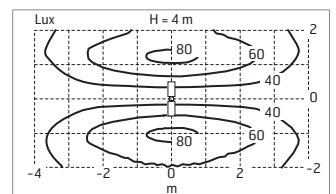


539051 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3493 ≠ FIXT lm 2x2601
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)



539052 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x4115 ≠ FIXT lm 2x3083
 CRI >70
 Electronic power supply included



539053 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3730 ≠ FIXT lm 2x2795
 CRI >80
 Electronic power supply included

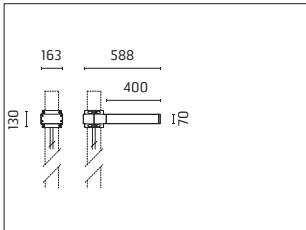
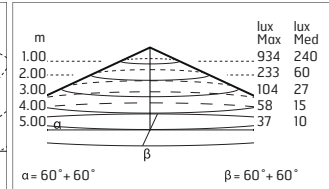
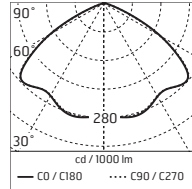


539054 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3493 ≠ FIXT lm 2x2618
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 102mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539055 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 4115 ≠ FIXT lm 3312
 CRI >70
 Electronic power supply included



539056 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3730 ≠ FIXT lm 3002
 CRI >80
 Electronic power supply included

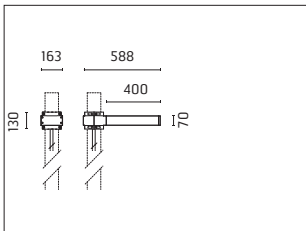
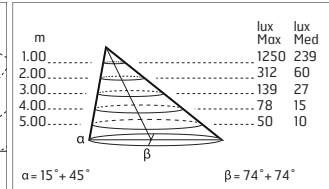
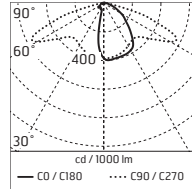


539057 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3493 ≠ FIXT lm 2811
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic



539058 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 4115 ≠ FIXT lm 3064
 CRI >70
 Electronic power supply included



539059 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3730 ≠ FIXT lm 2778
 CRI >80
 Electronic power supply included

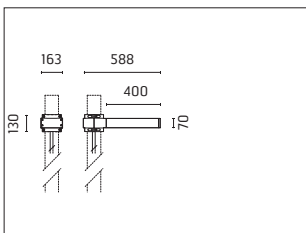
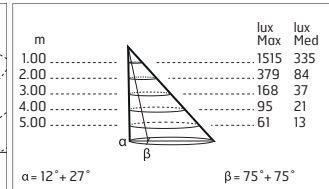
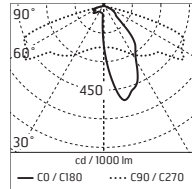


539060 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3493 ≠ FIXT lm 2601
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



539061 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 4115 ≠ FIXT lm 3083
 CRI >70
 Electronic power supply included



539062 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3730 ≠ FIXT lm 2795
 CRI >80
 Electronic power supply included

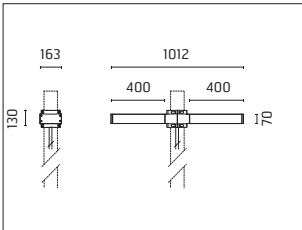
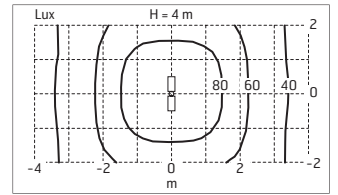


539063 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16x3W/220÷240V
 Total power 39W
 LED lm 3493 ≠ FIXT lm 2618
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 102mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539064 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x4115 ≠ FIXT lm 2x3312
 CRI >70
 Electronic power supply included



539065 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3730 ≠ FIXT lm 2x3002
 CRI >80
 Electronic power supply included

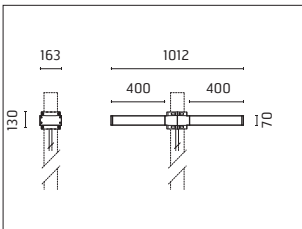
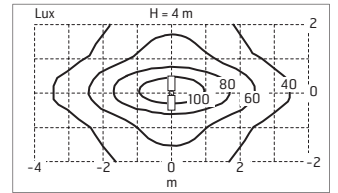


539066 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3493 ≠ FIXT lm 2x2811
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic



539067 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x4115 ≠ FIXT lm 2x3064
 CRI >70
 Electronic power supply included



539068 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3730 ≠ FIXT lm 2x2778
 CRI >80
 Electronic power supply included

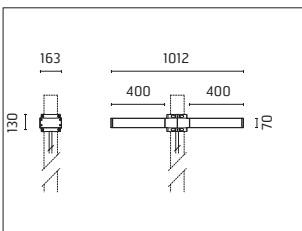
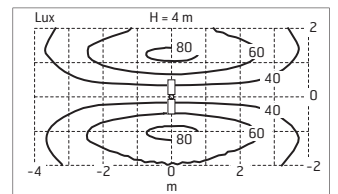


539069 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3493 ≠ FIXT lm 2x2601
 CRI >80
 Electronic power supply included

Dooku400 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)



539070 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x4115 ≠ FIXT lm 2x3083
 CRI >70
 Electronic power supply included



539071 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3730 ≠ FIXT lm 2x2795
 CRI >80
 Electronic power supply included

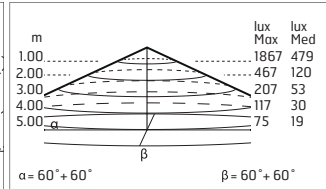
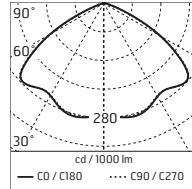


539072 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(16x3W)/220-240V
 Total power 2x39W
 LED lm 2x3493 ≠ FIXT lm 2x2618
 CRI >80
 Electronic power supply included

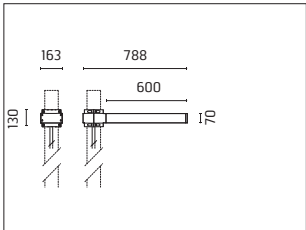
Dooku600 Power LED / Pole Ø 76mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539001 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 8229 ≠ FIXT lm 6623
 CRI >70
 Electronic power supply included



539002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 7459 ≠ FIXT lm 6003
 CRI >80
 Electronic power supply included

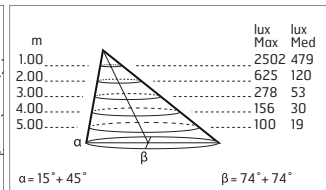
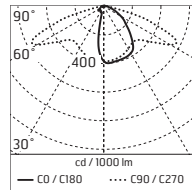


539003 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 6986 ≠ FIXT lm 5622
 CRI >80
 Electronic power supply included

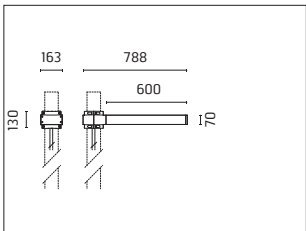
Dooku600 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic



539004 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 8229 ≠ FIXT lm 6128
 CRI >70
 Electronic power supply included



539005 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 7459 ≠ FIXT lm 5555
 CRI >80
 Electronic power supply included

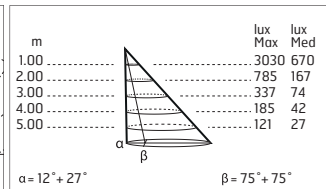
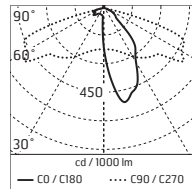


539006 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 6986 ≠ FIXT lm 5202
 CRI >80
 Electronic power supply included

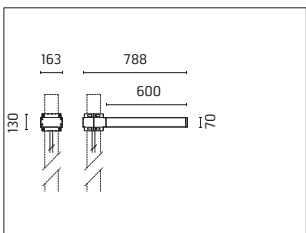
Dooku600 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



539007 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 8229 ≠ FIXT lm 6166
 CRI >70
 Electronic power supply included



539008 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 7459 ≠ FIXT lm 5589
 CRI >80
 Electronic power supply included

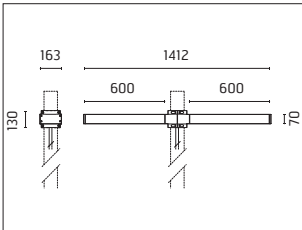
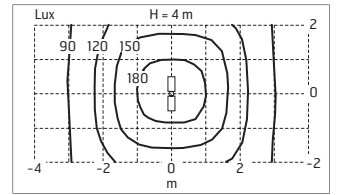


539009 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 6986 ≠ FIXT lm 5235
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 76mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539010 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x8229 ≠ FIXT lm 2x6623
 CRI >70
 Electronic power supply included



539011 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x7459 ≠ FIXT lm 2x6603
 CRI >80
 Electronic power supply included

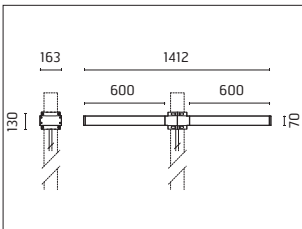
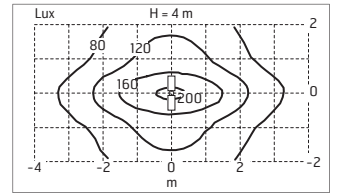


539012 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x6986 ≠ FIXT lm 2x6003
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic



539013 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x8229 ≠ FIXT lm 2x6128
 CRI >70
 Electronic power supply included



539014 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x7459 ≠ FIXT lm 2x5555
 CRI >80
 Electronic power supply included

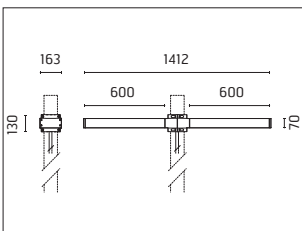
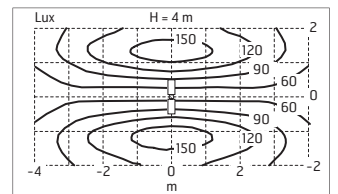


539015 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x6986 ≠ FIXT lm 2x5202
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)



539016 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x8229 ≠ FIXT lm 2x6166
 CRI >70
 Electronic power supply included



539017 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x7459 ≠ FIXT lm 2x5589
 CRI >80
 Electronic power supply included

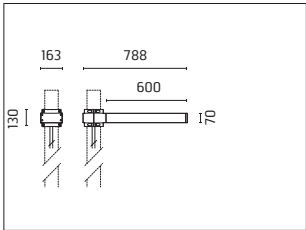
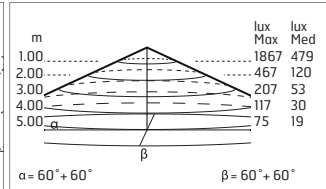
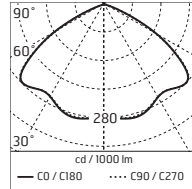


539018 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x6986 ≠ FIXT lm 2x5235
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 102mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539019 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 8229 ≠ FIXT lm 6623
 CRI >70
 Electronic power supply included



539020 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 7459 ≠ FIXT lm 6003
 CRI >80
 Electronic power supply included

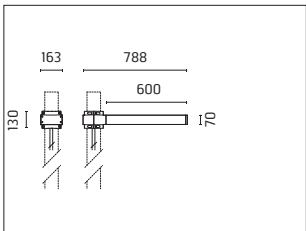
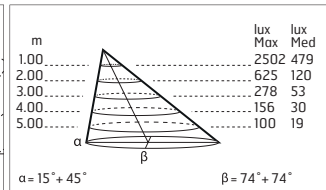
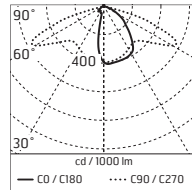


539021 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 6986 ≠ FIXT lm 5622
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic



539022 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 8229 ≠ FIXT lm 6128
 CRI >70
 Electronic power supply included



539023 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 7459 ≠ FIXT lm 5555
 CRI >80
 Electronic power supply included

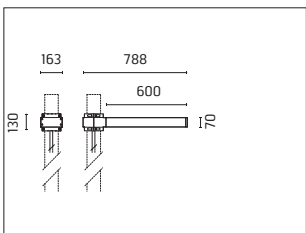
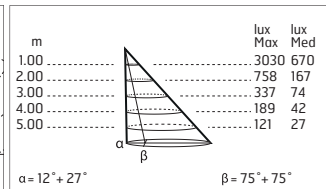
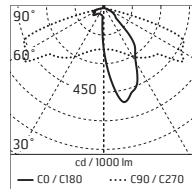


539024 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 6986 ≠ FIXT lm 5202
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



539025 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 8229 ≠ FIXT lm 6166
 CRI >70
 Electronic power supply included



539026 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 7459 ≠ FIXT lm 5589
 CRI >80
 Electronic power supply included

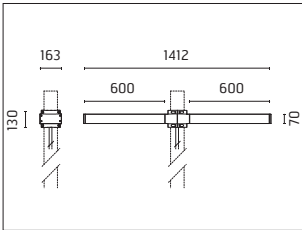
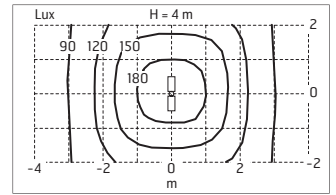


539027 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 32x3W/220÷240V
 Total power 78W
 LED lm 6986 ≠ FIXT lm 5235
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 102mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539028 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x8229 ≠ FIXT lm 2x6623
 CRI >70
 Electronic power supply included



539029 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x7459 ≠ FIXT lm 2x6003
 CRI >80
 Electronic power supply included

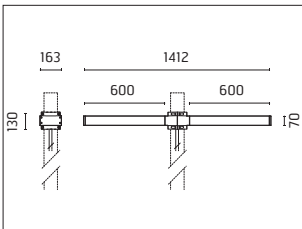
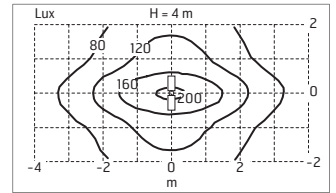


539030 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x6986 ≠ FIXT lm 2x5622
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic



539031 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x8229 ≠ FIXT lm 2x6128
 CRI >70
 Electronic power supply included



539032 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x7459 ≠ FIXT lm 2x5555
 CRI >80
 Electronic power supply included

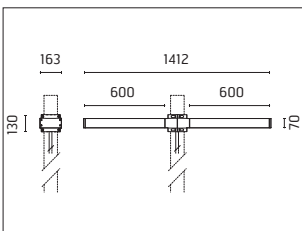
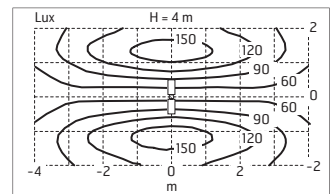


539033 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x6986 ≠ FIXT lm 2x5202
 CRI >80
 Electronic power supply included

Dooku600 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)



539034 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x8229 ≠ FIXT lm 2x6166
 CRI >70
 Electronic power supply included

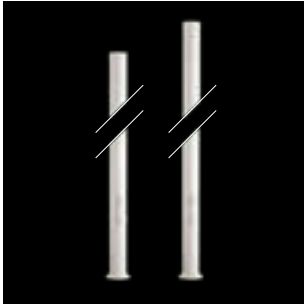


539035 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x7459 ≠ FIXT lm 2x5589
 CRI >80
 Electronic power supply included



539036 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(32x3W)/220-240V
 Total power 2x78W
 LED lm 2x6986 ≠ FIXT lm 2x5235
 CRI >80
 Electronic power supply included

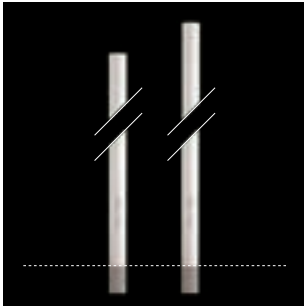
Dooku / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

with Base and Access Door



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

In-Ground (+500 mm Root)
with Access Door

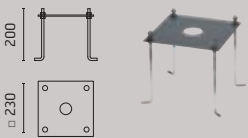
Colours available



2. Aluminium 3. Anthracite

Accessories: Dooku LED

116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



acc. code	▶	116
prod. code	▼	
Pole		
4140		•
4150		•
4145		
4155		

237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



acc. code	▶	237
prod. code	▼	
ALL CODES		•





Spock

NEW
2015



Spock LED

Design by Ares Concept

Registered Community Design

IP66   

- Adjustable LED luminaire for outdoor installation on ceiling, wall and ground.
- Configuration: die-cast aluminium structure. EN AB 47100 alloy (low copper content) and AISI 316L stainless steel fixing bracket
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards; a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- The luminaire has three connected parts: wiring unit (silicone gasket), heat sink and emitting unit (silicone glue). A graduated fixing plate allows a precise adjustment of the emitting unit.
- Tempered transparent extra clear glass diffuser with silkscreen border. The glass is fixed through a robotic gluing system.
- Protection Rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with one M16 (Spock 75, 95) or M20 (Spock130) nickel plated brass cable gland and a piece of neoprene cable (approx. 1m) for an easy-to-make connection.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



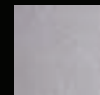
LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced



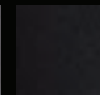
1. White



2. Aluminium



3. Anthracite



4. Black



9. Rust-red



Floor installation



Wall fitting



Ceiling fitting



Pre-wired with approx 1000mm of cable



Protection against impact
IK 07 - 2,00 joule

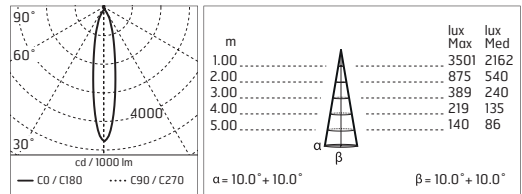
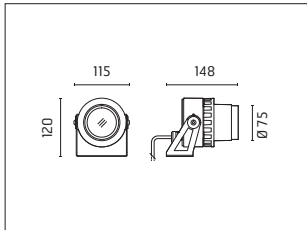
Spock75 CoB LED - Adjustable - Medium Beam 20°



541001 **A A+ A++**
 COOL WHITE 5000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 1135 ≠ FIXT lm 820
 CRI >70
 Electronic power supply included

541002 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 1030 ≠ FIXT lm 744
 CRI >80
 Electronic power supply included

541003 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 875 ≠ FIXT lm 704
 CRI >80
 Electronic power supply included



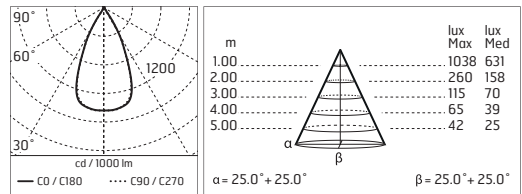
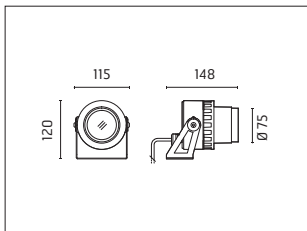
Spock75 CoB LED - Adjustable - Wide Beam 50°



541004 **A A+ A++**
 COOL WHITE 5000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 1135 ≠ FIXT lm 787
 CRI >70
 Electronic power supply included

541005 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 1030 ≠ FIXT lm 714
 CRI >80
 Electronic power supply included

541006 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 LED lm 875 ≠ FIXT lm 675
 CRI >80
 Electronic power supply included

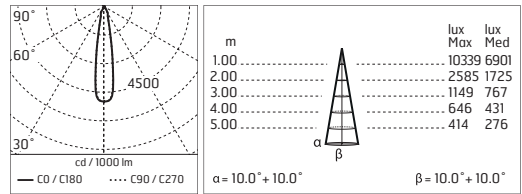
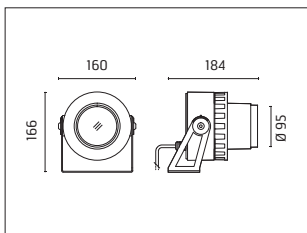


Spock95 CoB LED - Adjustable - Medium Beam 20°



541007 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 24W/220÷240V
 Total power 29W
 LED lm 2700 ≠ FIXT lm 1941
 CRI >80
 Electronic power supply included

541008 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 24W/220÷240V
 Total power 29W
 LED lm 2400 ≠ FIXT lm 1868
 CRI >80
 Electronic power supply included

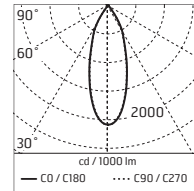
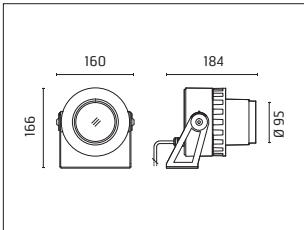


Spock95 CoB LED - Adjustable - Wide Beam 40°



541009 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 24W/220÷240V
 Total power 29W
 LED lm 2700 ≠ FIXT lm 1952
 CRI >80
 Electronic power supply included

541010 A A+ A++
 WARM WHITE 3000K
 CoB LED
 24W/220÷240V
 Total power 29W
 LED lm 2400 ≠ FIXT lm 1878
 CRI >80
 Electronic power supply included



m	lux	
	Max	Med
1.00	4145	2448
2.00	1036	612
3.00	461	272
4.00	259	153
5.00	166	98

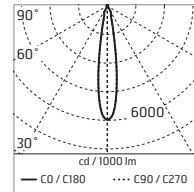
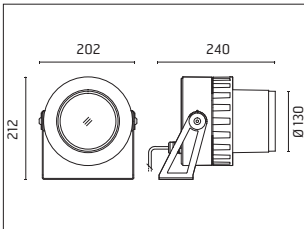
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

Spock130 CoB LED - Adjustable - Medium Beam 20°



541011 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 45W/220÷240V
 Total power 52W
 LED lm 5751 ≠ FIXT lm 4003
 CRI >80
 Electronic power supply included

541012 A A+ A++
 WARM WHITE 3000K
 CoB LED
 45W/220÷240V
 Total power 52W
 LED lm 5499 ≠ FIXT lm 3851
 CRI >80
 Electronic power supply included



m	lux	
	Max	Med
1.00	24041	15253
2.00	6010	3813
3.00	2671	1695
4.00	1503	953
5.00	962	610

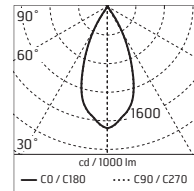
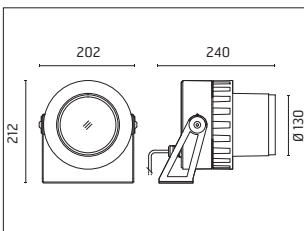
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Spock130 CoB LED - Adjustable - Wide Beam 45°



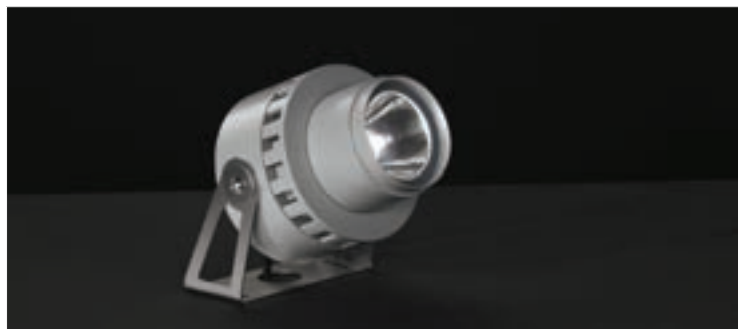
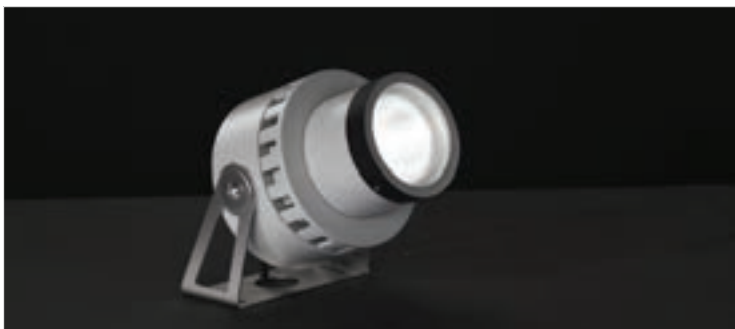
541013 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 45W/220÷240V
 Total power 52W
 LED lm 5751 ≠ FIXT lm 3926
 CRI >80
 Electronic power supply included

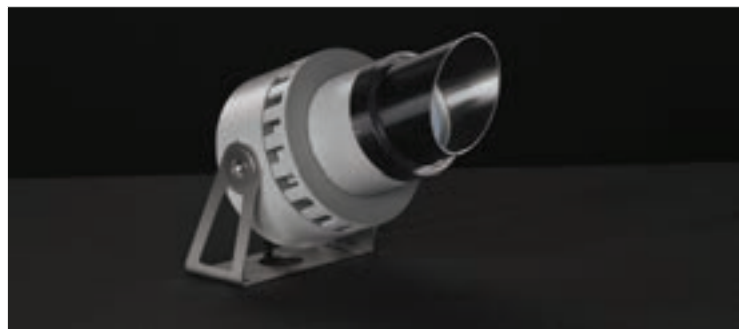
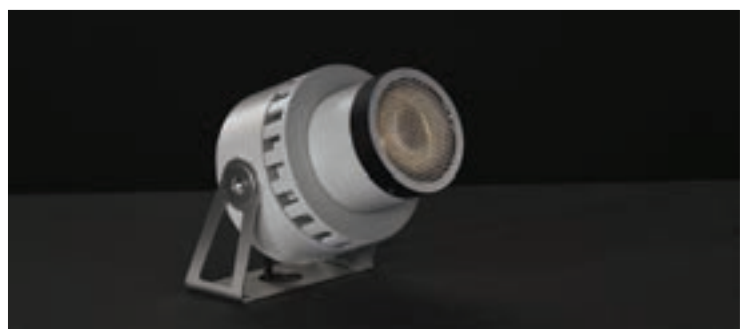
541014 A A+ A++
 WARM WHITE 3000K
 CoB LED
 45W/220÷240V
 Total power 52W
 LED lm 5499 ≠ FIXT lm 3777
 CRI >80
 Electronic power supply included

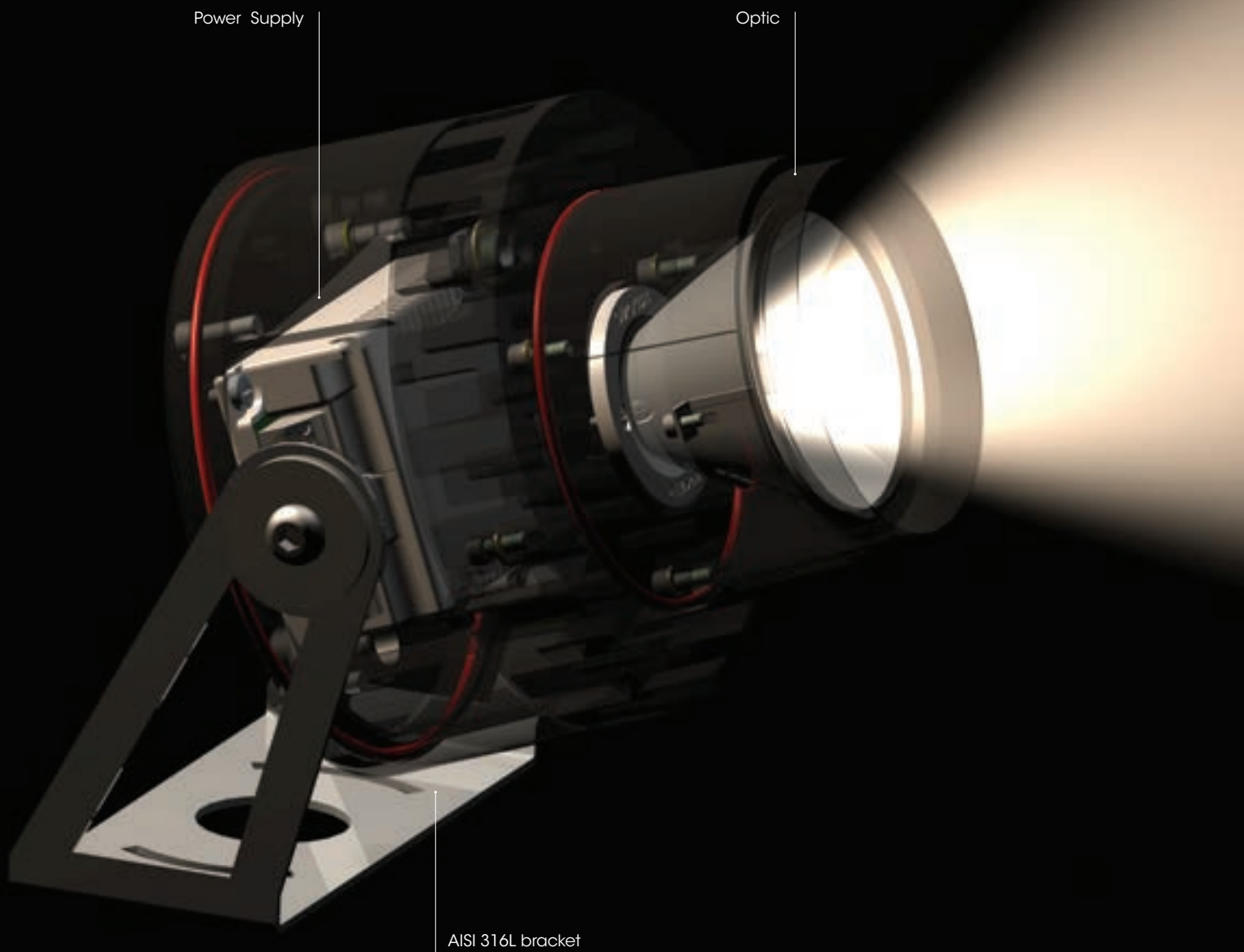


m	lux	
	Max	Med
1.00	6764	3894
2.00	1691	974
3.00	752	433
4.00	423	243
5.00	271	156

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$







Power Supply

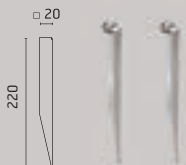
Optic

AISI 316L bracket

Accessories: Spock LED



203
KIT OF 2 GROUND SPIKES - H 200mm



215
3/4 way terminal block 3 poles IP68
(Ø5,5=12mm cable)



236
2 way terminal block 3 poles IP68
(Ø5,5=12mm cable)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	205	206	207	208	209	210	211	212	213	203	215	236	237
prod. code ▼													
541001	•			•			•			•	•	•	•
541002	•			•			•			•	•	•	•
541003	•			•			•			•	•	•	•
541004	•			•			•			•	•	•	•
541005	•			•			•			•	•	•	•
541006	•			•			•			•	•	•	•
541007		•			•			•		•	•	•	•
541008		•			•			•		•	•	•	•
541009		•			•			•		•	•	•	•
541010		•			•			•		•	•	•	•
541011			•						•	•	•	•	•
541012			•						•	•	•	•	•
541013			•						•	•	•	•	•
541014			•						•	•	•	•	•



Kirk LED

Design by Ares Concept

Registered Community Design

IP65   

- Adjustable LED projector for outdoor installation on ceiling, wall and ground.
- Configuration: die-cast aluminium structure. EN AB 47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards; a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- The wiring unit and the emitting unit are connected by an adjustable junction.
- Tempered transparent glass with silkscreen border fixed to the aluminium structure through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: Kirk is for direct connection to 230V: LED module set up to work directly connected to the mains. The luminaire is equipped with an AISI316L stainless steel fixing plate for installation on surface (wall or ceiling) and an IP68 connector (6x8mm cable). Ground spike available on request.

EU Regulation 874/2012 - Illumination equipment energy classes



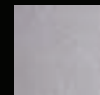
LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced



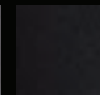
1. White



2. Aluminium



3. Anthracite



4. Black



9. Rust-red



Floor installation



Wall fitting



Ceiling fitting

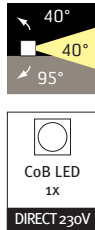
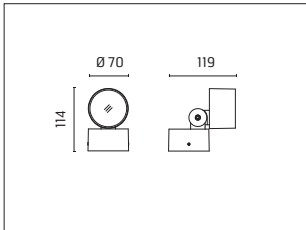
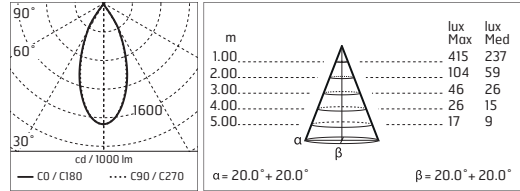


Protection against impact
IK 06 - 1,00 joule

Kirk70 CoB LED / Adjustable - Medium Beam 40°



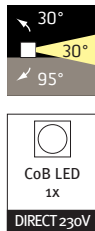
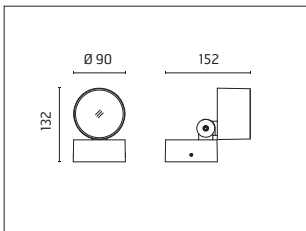
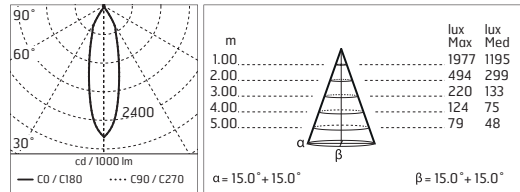
540001 A A+ A++
 WARM WHITE 3000K
 CoB LED
 4.5W/220-230V
 Total power 6W
 LED lm 350 = FIXT lm 244
 CRI >80
 Led module set up to work
 directly connected to the mains



Kirk90 CoB LED / Adjustable - Medium Beam 30°



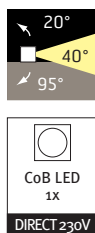
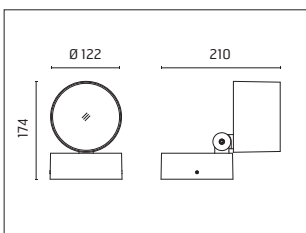
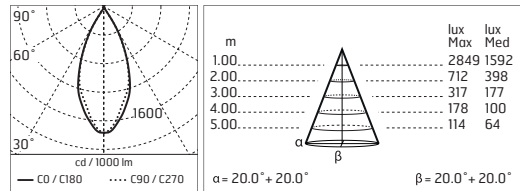
540002 A A+ A++
 WARM WHITE 3000K
 CoB LED
 13W/220-230V
 Total power 15W
 LED lm 951 = FIXT lm 713
 CRI >80
 Led module set up to work
 directly connected to the mains

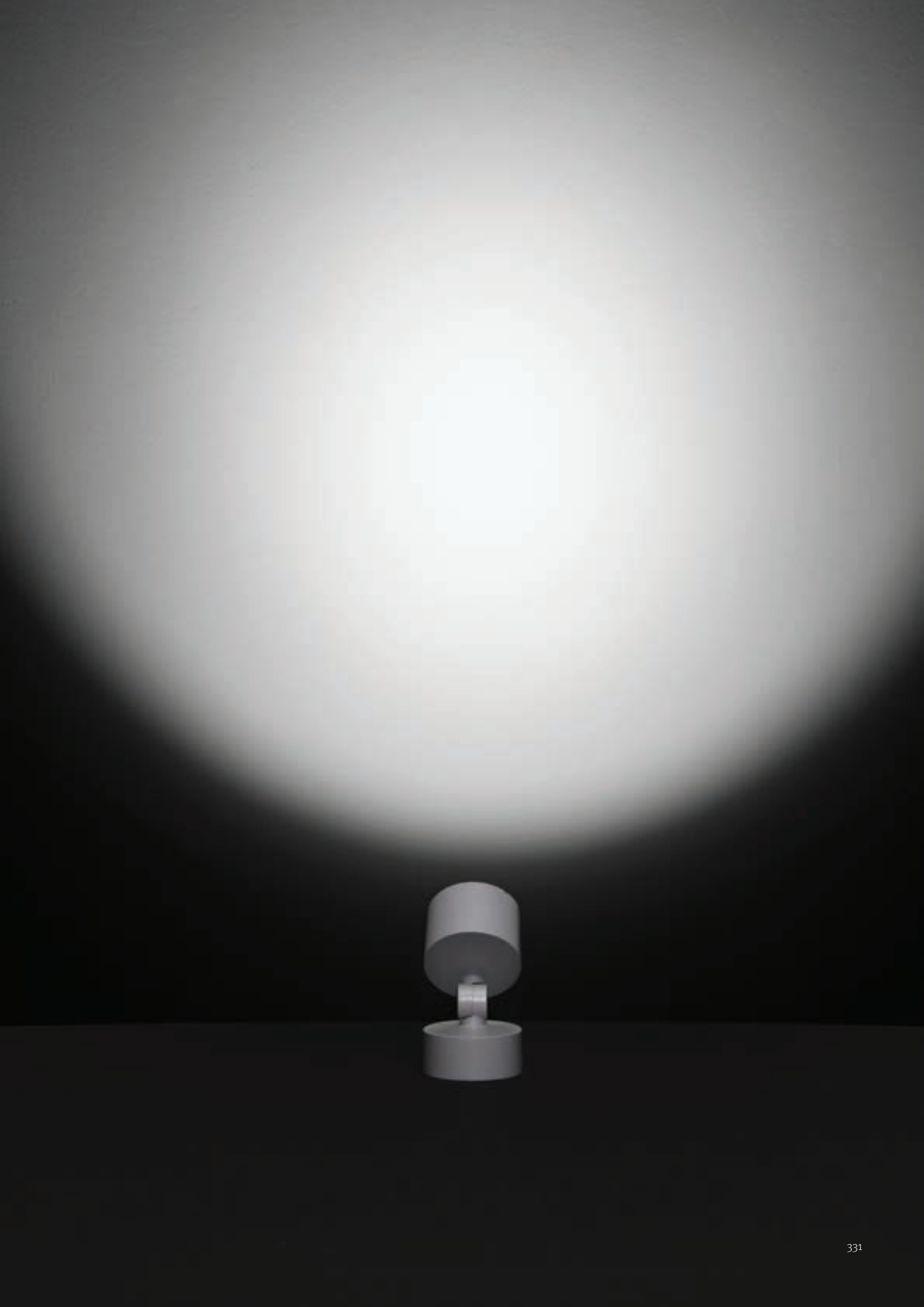


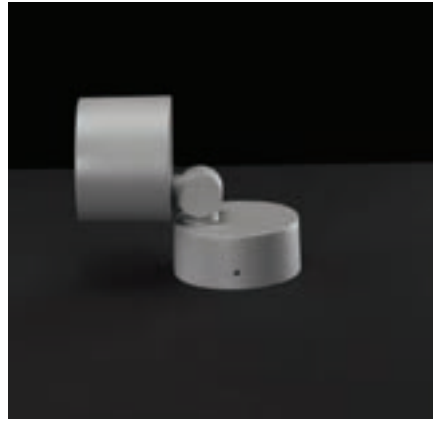
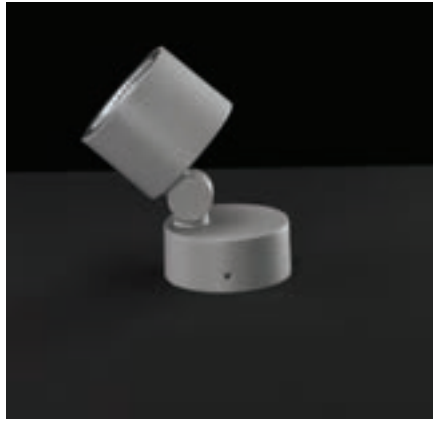
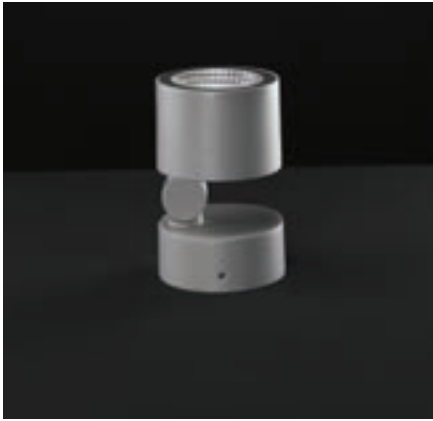
Kirk120 CoB LED / Adjustable - Medium Beam 40°



540003 A A+ A++
 WARM WHITE 3000K
 CoB LED
 24W/220-230V
 Total power 27W
 LED lm 2303 = FIXT lm 1610
 CRI >80
 Led module set up to work
 directly connected to the mains







Accessories: Kirk LED

201
GROUND SPIKE - H 200mm

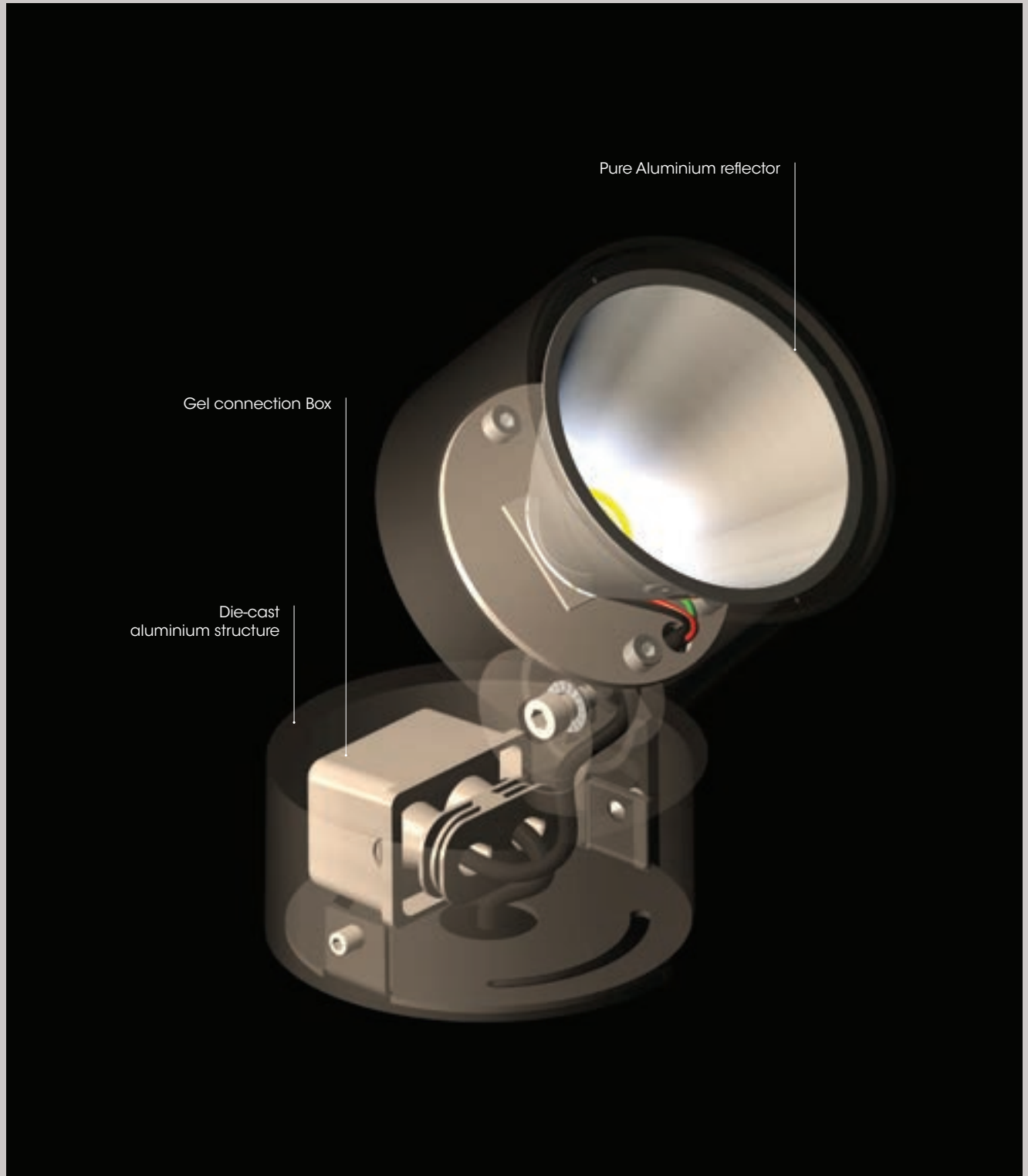


237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	201	237
540001	•	•
540002	•	•
540003	•	•



lota

NEW
2015



lota LED

Design by Ares Concept

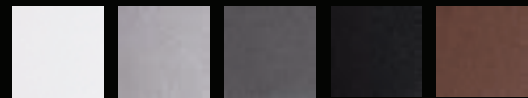
IP65   

- Spotlight for outdoor installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060). 316L stainless steel fixing bracket and extra clear tempered glass with silk-screen finishing. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Extra clear tempered glass with silkscreen border, fixed to the body by a double-sided tape.
- Stainless steel cable gland.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: lota is equipped with 2 meters neoprene cable for an easy-to-make connection (please provide effective insulation on the connection). lota 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. lota is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- The version on pole is equipped with a 2-way terminal block for 3-conductor cables - IP68 H2O STOP

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Floor installation



Ceiling fitting



Wall fitting

Pre-wired with approx
2000mm of cable.

Remote device required.

Protection against
impact.
IK 05 - 0,70 joule

Iota Power LED / Adjustable - Narrow Beam 10°



513001 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI>70

Remote electronic power supply to be ordered

513002 A A+ A++

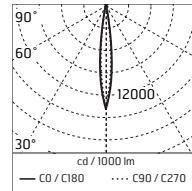
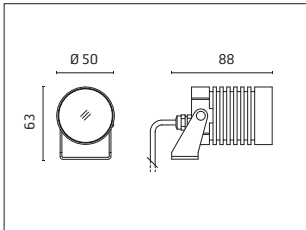
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI>80

Remote electronic power supply to be ordered

513003 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Iota Power LED / Adjustable - Medium Beam 30°



513011 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI>70

Remote electronic power supply to be ordered

513012 A A+ A++

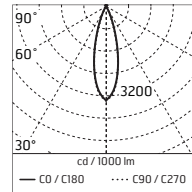
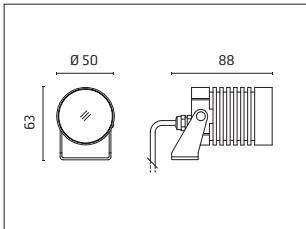
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI>80

Remote electronic power supply to be ordered

513013 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

Iota Power LED / Adjustable - Narrow Beam 10°



513021 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 268
CRI>70

Remote electronic power supply to be ordered

513022 A A+ A++

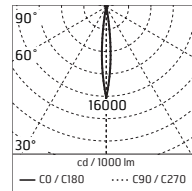
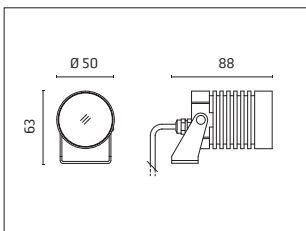
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 258
CRI>80

Remote electronic power supply to be ordered

513023 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 236
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	273	168
5.00	175	108

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Iota Power LED / Adjustable - Medium Beam 30°



513031 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 215
CRI>70

Remote electronic power supply to be ordered

513032 A A+ A++

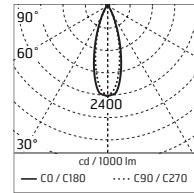
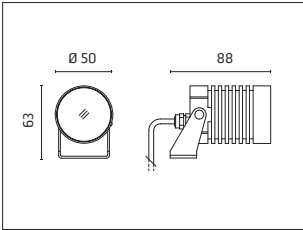
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 207
CRI>80

Remote electronic power supply to be ordered

513033 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 189
CRI>80

Remote electronic power supply to be ordered

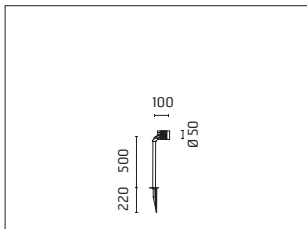
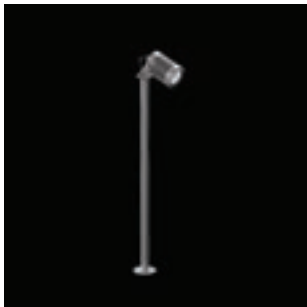


m	lux	
	Max	Med
1.00	524	318
2.00	131	79
3.00	58	35
4.00	33	20
5.00	21	13

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



Iota Power LED / Pole H.500 mm - Adjustable - Narrow Beam 10°



513034 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI >70

Remote electronic power supply to be ordered

513035 A A+ A++

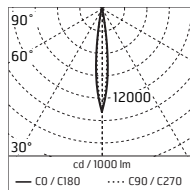
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI >80

Remote electronic power supply to be ordered

513036 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI >80

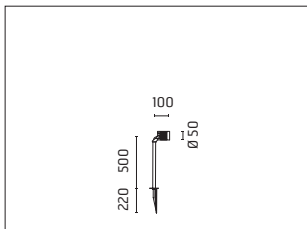
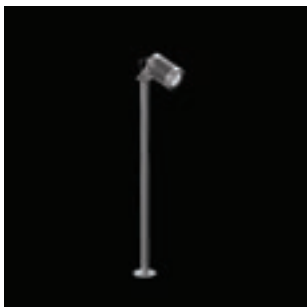
Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Iota Power LED / Pole H.500 mm - Adjustable - Medium Beam 30°



513037 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI >70

Remote electronic power supply to be ordered

513038 A A+ A++

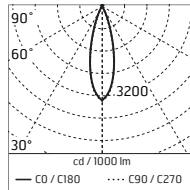
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI >80

Remote electronic power supply to be ordered

513039 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI >80

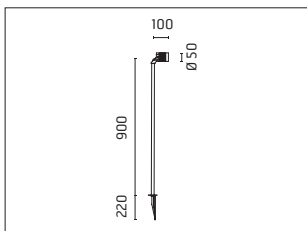
Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

Iota Power LED / Pole H.900 mm - Adjustable - Narrow Beam 10°



513046 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI >70

Remote electronic power supply to be ordered

513047 A A+ A++

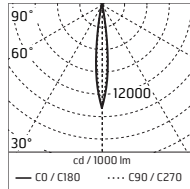
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI >80

Remote electronic power supply to be ordered

513048 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Iota Power LED / Pole H.900 mm - Adjustable - Medium Beam 30°



513049 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI >70

Remote electronic power supply to be ordered



513050 A A+ A++

NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI >80

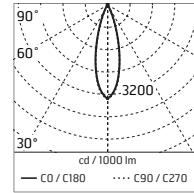
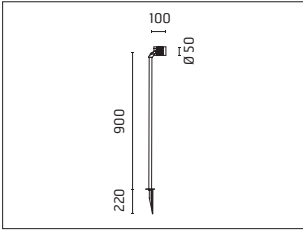
Remote electronic power supply to be ordered



513051 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI >80

Remote electronic power supply to be ordered

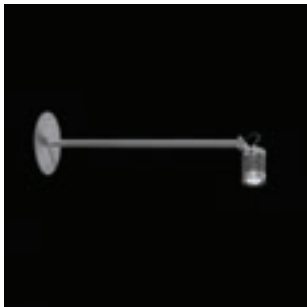


m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

α = 15.0° + 15.0° β = 15.0° + 15.0°



Iota Power LED / Wall Bracket L.500 mm - Adjustable - Narrow Beam 10°



513058 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI >70

Remote electronic power supply to be ordered

513059 A A+ A++

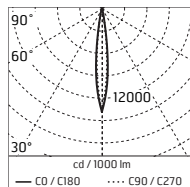
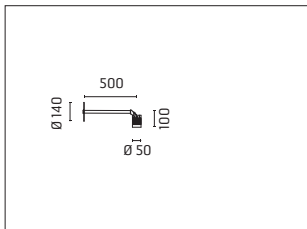
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI >80

Remote electronic power supply to be ordered

513060 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Iota Power LED / Wall Bracket L.500 mm - Adjustable - Medium Beam 30°



513061 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI >70

Remote electronic power supply to be ordered

513062 A A+ A++

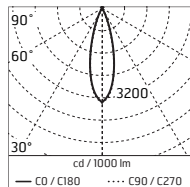
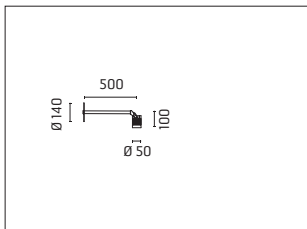
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI >80

Remote electronic power supply to be ordered

513063 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI >80

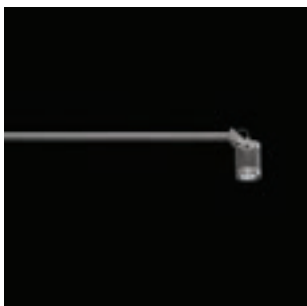
Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

Iota Power LED / Wall Bracket L.900 mm - Adjustable - Narrow Beam 10°



513064 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI >70

Remote electronic power supply to be ordered

513065 A A+ A++

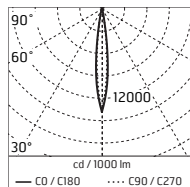
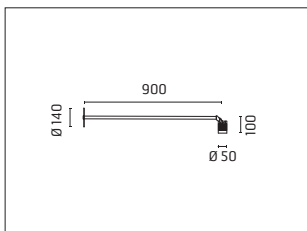
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI >80

Remote electronic power supply to be ordered

513066 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Iota Power LED / Wall Bracket L.900 mm - Adjustable - Medium Beam 30°



513067 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI >70

Remote electronic power supply to be ordered

513068 A A+ A++

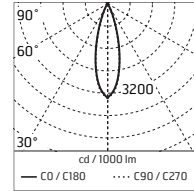
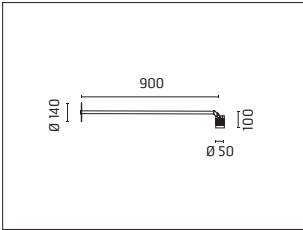
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI >80

Remote electronic power supply to be ordered

513069 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI >80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$





Accessories: Iota LED

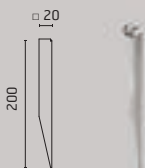
105

BOX FOR INSTALLATION
106 x 75 H 55mm



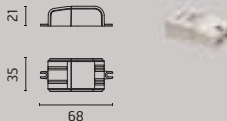
136

GROUND SPIKE - H 200mm



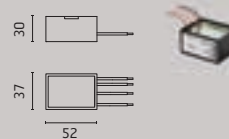
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout 350mA: 6X1W/100±240V
IP20 CLASS II SELV EQ.



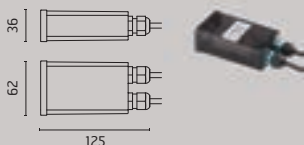
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout 350mA: 6X1W/100±240V - IP65 CLASS II SELV EQ.



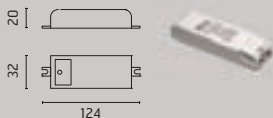
235

POWER SUPPLY 8W/110±240V - 24Vdc
IP67 CLASS II SELV EQ.



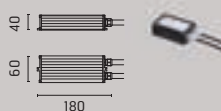
87

POWER SUPPLY 10W/110±240V - 24Vdc
IP20 CLASS II SELV.



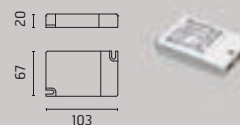
175

POWER SUPPLY 10W/110±240V - 24Vdc
IP67 CLASS II SELV.



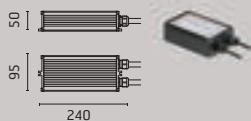
144

POWER SUPPLY 17W/110±240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



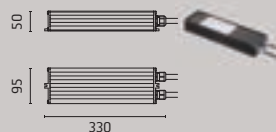
147

POWER SUPPLY 20W/220±240V - 24Vdc
IP67 CLASS II SELV.



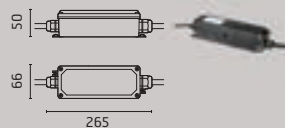
155

POWER SUPPLY 50W/120±240V - 24Vdc
IP67 CLASS II SELV.



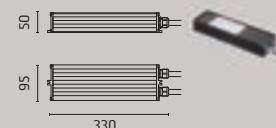
110

POWER SUPPLY 70W/220±240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W /120±240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	105	136	150	106	235	87	175	144	147	110	155	156	215
prod. code ▼													
513001		•	•	•		•	•	•	•	•	•	•	•
513002		•	•	•		•	•	•	•	•	•	•	•
513003		•	•	•		•	•	•	•	•	•	•	•
513011		•	•	•		•	•	•	•	•	•	•	•
513012		•	•	•		•	•	•	•	•	•	•	•
513013		•	•	•		•	•	•	•	•	•	•	•
513021		•	•	•		•	•	•	•	•	•	•	•
513022		•	•	•		•	•	•	•	•	•	•	•
513023		•	•	•		•	•	•	•	•	•	•	•
513031		•	•	•		•	•	•	•	•	•	•	•
513032		•	•	•		•	•	•	•	•	•	•	•
513033		•	•	•		•	•	•	•	•	•	•	•
513034					•						•	•	•
513035					•						•	•	•
513036					•						•	•	•
513037					•						•	•	•
513038					•						•	•	•
513039					•						•	•	•
513046					•						•	•	•
513047					•						•	•	•
513048					•						•	•	•
513049					•						•	•	•
513050					•						•	•	•
513051					•						•	•	•

215

3/4 way terminal block 3 poles IP68
(Ø5,5±12mm cable)



acc. code ▶	105	136	150	106	235	87	175	144	147	110	155	156	215
prod. code ▼													
513058		•									•	•	
513059		•									•	•	
513060		•									•	•	
513061		•									•	•	
513062		•									•	•	
513063		•									•	•	
513064		•									•	•	
513065		•									•	•	
513066		•									•	•	
513067		•									•	•	
513068		•									•	•	
513069		•									•	•	

Perseo





Perseo4 LED

Design by Ares Concept

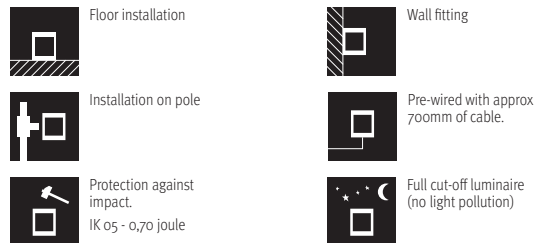
- Outdoor luminaire for installation on wall or on pole/bracket
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered extra-clear or sandblasted glass diffuser, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: wiring through an M10x1,5 metal cable gland. The luminaire is equipped with 700mm two-pole cable. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- The wall bracket/pole is equipped with a 2 way terminal block 3-conductor cables - IP68

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



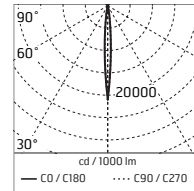
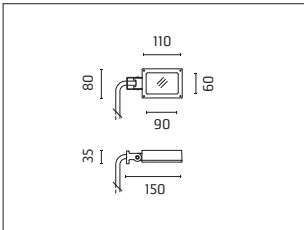
Perseo4 Power LED / Transparent Glass - Adjustable - Narrow beam 10°



525011 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 4x1W/100÷240V
 Total power 7W
 LED lm 538 ≠ FIXT lm 488
 CRI>70
 Electronic power supply included

525012 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 4x1W/100÷240V
 Total power 7W
 LED lm 458 ≠ FIXT lm 415
 CRI>80
 Electronic power supply included

525013 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 4x1W/100÷240V
 Total power 7W
 LED lm 414 ≠ FIXT lm 375
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	1220	372
2.00	305	180
3.00	135	80
4.00	76	45
5.00	48	28

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

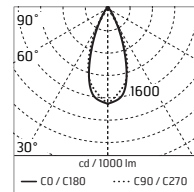
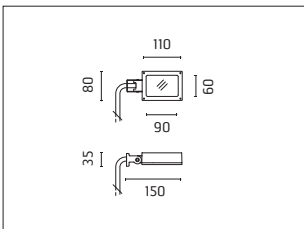
Perseo4 Power LED / Transparent Glass - Adjustable - Medium beam 40°



525021 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 4x1W/100÷240V
 Total power 7W
 LED lm 538 ≠ FIXT lm 435
 CRI>70
 Electronic power supply included

525022 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 4x1W/100÷240V
 Total power 7W
 LED lm 458 ≠ FIXT lm 370
 CRI>80
 Electronic power supply included

525023 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 4x1W/100÷240V
 Total power 7W
 LED lm 414 ≠ FIXT lm 335
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	742	430
2.00	186	107
3.00	82	48
4.00	46	27
5.00	30	17

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

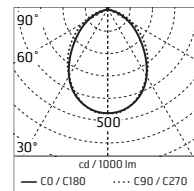
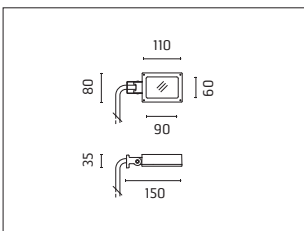
Perseo4 Mid-Power LED / Adjustable - Sandblasted Glass



525001 A A+ A++
 COOL WHITE 6000K
 MID-POWER LEDs
 7W/100÷240V
 Total power 9W
 LED lm 884 ≠ FIXT lm 492
 CRI>70
 Electronic power supply included

525002 A A+ A++
 NATURAL WHITE 4000K
 MID-POWER LEDs
 7W/100÷240V
 Total power 9W
 LED lm 852 ≠ FIXT lm 475
 CRI>80
 Electronic power supply included

525003 A A+ A++
 WARM WHITE 3000K
 MID-POWER LEDs
 7W/100÷240V
 Total power 9W
 LED lm 821 ≠ FIXT lm 457
 CRI>80
 Electronic power supply included

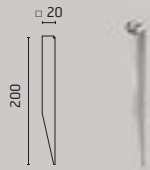


m	lux	
	Max	Med
1.00	229	84
2.00	57	21
3.00	25	9
4.00	14	5
5.00	9	3

$\alpha = 43.0^\circ + 43.0^\circ$ $\beta = 46.0^\circ + 46.0^\circ$

Accessories: Perseo4 LED

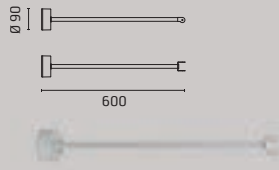
136
GROUND SPIKE - H 200mm



157
WALL BRACKET/POLE 300mm



158
WALL BRACKET/POLE 600mm



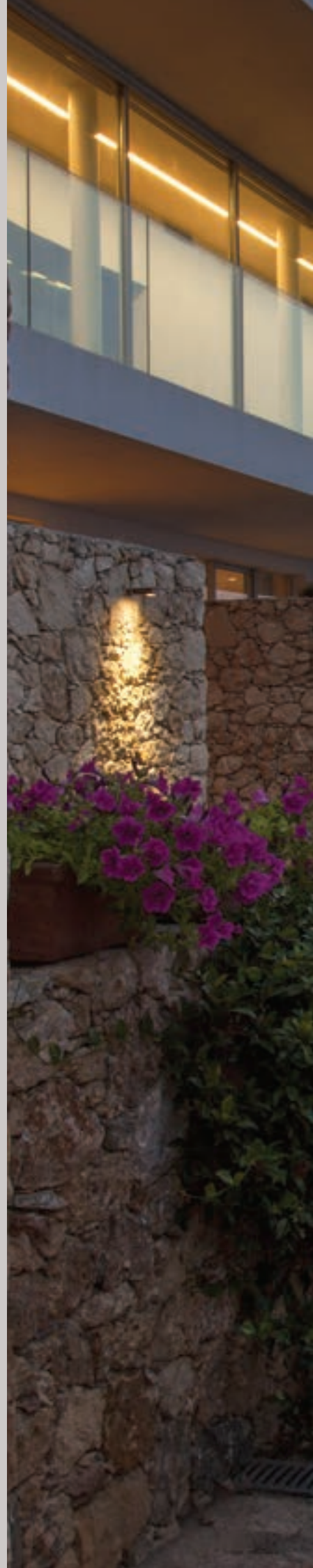
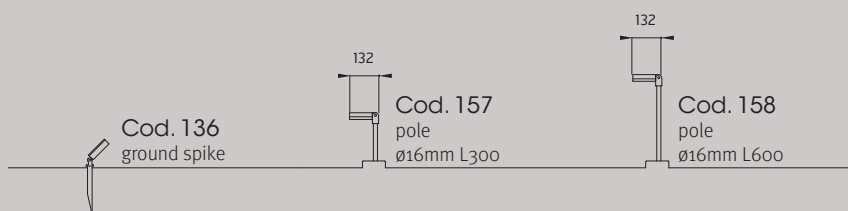
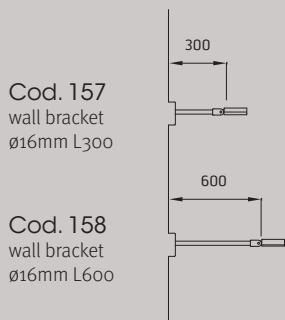
237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	136	157	158	237
prod. code ▼				
525001	•	•	•	•
525002	•	•	•	•
525003	•	•	•	•
525011	•	•	•	•
525012	•	•	•	•
525013	•	•	•	•
525021	•	•	•	•
525022	•	•	•	•
525023	•	•	•	•

Installation scheme: Perseo4 LED





Perseo9 LED

Design by Ares Concept

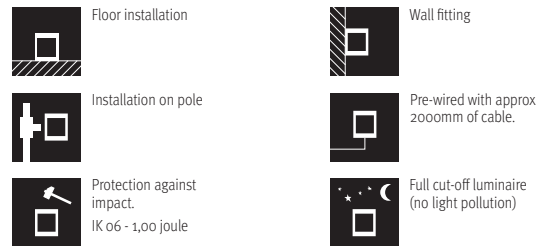
- Outdoor luminaire for installation on wall, bracket or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered extra-clear or sandblasted glass diffuser mechanically glued to the structure, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through an M12x1,5 metal cable gland. The luminaire is equipped with a piece of three-pole cable for an easy to make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- The wall bracket/pole is equipped with a 2 way terminal block 3-conductor cables - IP68

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



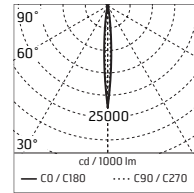
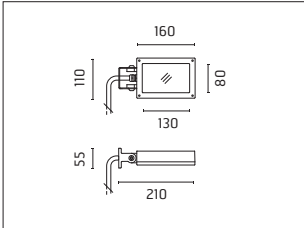
Perseo9 Power LED / - Adjustable - Transparent Glass - Narrow beam 10°



525041 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 9x1W/220÷240V
 Total power 12W
 LED lm 1211 ≠ FIXT lm 1103
 CRI>70
 Electronic power supply included

525042 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 9x1W/220÷240V
 Total power 12W
 LED lm 1031 ≠ FIXT lm 939
 CRI>80
 Electronic power supply included

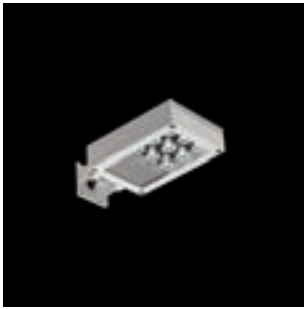
525043 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 9x1W/220÷240V
 Total power 12W
 LED lm 932 ≠ FIXT lm 848
 CRI>80
 Electronic power supply included



m	lux Max	lux Med
1.00	30704	18655
2.00	7676	4664
3.00	3412	2073
4.00	1919	1166
5.00	1228	746

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

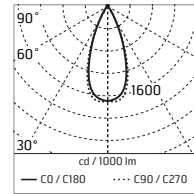
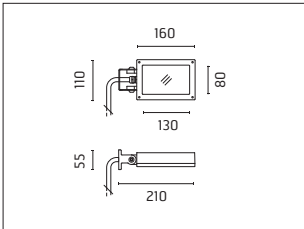
Perseo9 Power LED / - Adjustable - Transparent Glass - Medium beam 40°



525051 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 9x1W/220÷240V
 Total power 12W
 LED lm 1211 ≠ FIXT lm 964
 CRI>70
 Electronic power supply included

525052 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 9x1W/220÷240V
 Total power 12W
 LED lm 1031 ≠ FIXT lm 820
 CRI>80
 Electronic power supply included

525053 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 9x1W/220÷240V
 Total power 12W
 LED lm 932 ≠ FIXT lm 742
 CRI>80
 Electronic power supply included



m	lux Max	lux Med
1.00	1636	987
2.00	409	247
3.00	182	110
4.00	102	62
5.00	65	39

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

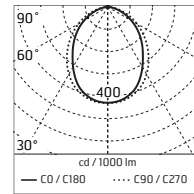
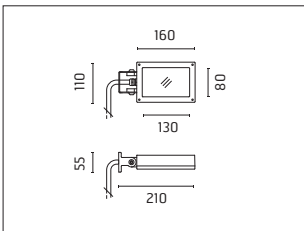
Perseo9 Mid-Power LED / Adjustable - Sandblasted Glass



525031 A A+ A++
 COOL WHITE 6000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1178 ≠ FIXT lm 877
 CRI>70
 Electronic power supply included

525032 A A+ A++
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1136 ≠ FIXT lm 846
 CRI>80
 Electronic power supply included

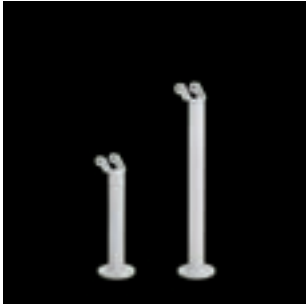
525033 A A+ A++
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1094 ≠ FIXT lm 815
 CRI>80
 Electronic power supply included



m	lux Max	lux Med
1.00	377	126
2.00	94	31
3.00	42	14
4.00	24	8
5.00	15	5

$\alpha = 44.0^\circ + 44.0^\circ$ $\beta = 50.0^\circ + 50.0^\circ$

Perseo9 LED / Ø 48mm - Poles with Base

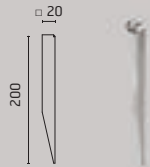


177
H 500 mm

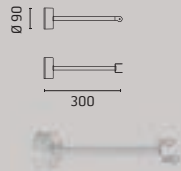
178
H 800 mm

Accessories: Perseo9 LED

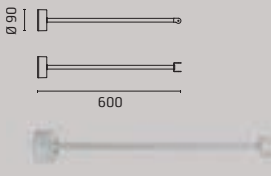
136
GROUND SPIKE - H 200mm



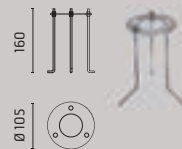
161
WALL BRACKET/POLE 300mm



162
WALL BRACKET/POLE 600mm



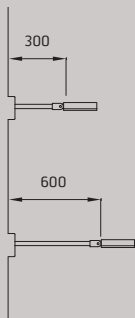
182
BASE PLATE AND FIXING BOLTS
Ø 105 x H 160mm



Installation scheme: Perseo9 LED

Cod. 161
wall bracket
Ø16mm L300

Cod. 162
wall bracket
Ø16mm L600

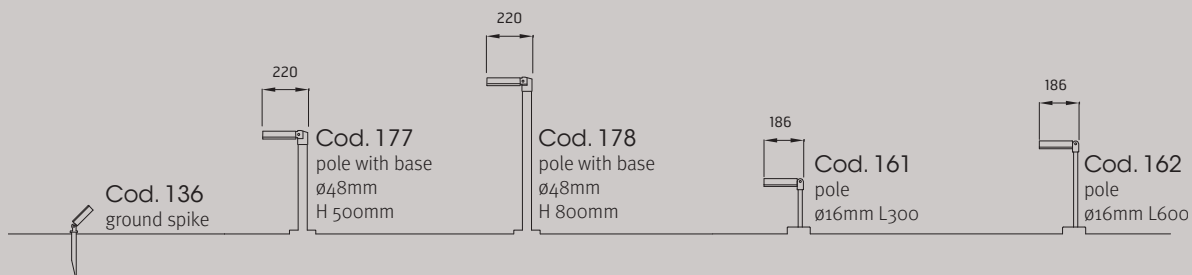


237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	136	161	162	182	237
prod. code ▼					
525031	•	•	•		•
525032	•	•	•		•
525033	•	•	•		•
525041	•	•	•		•
525042	•	•	•		•
525043	•	•	•		•
525051	•	•	•		•
525052	•	•	•		•
525053	•	•	•		•
Pole					
177				•	
178				•	





Perseo16 LED

Design by Ares Concept

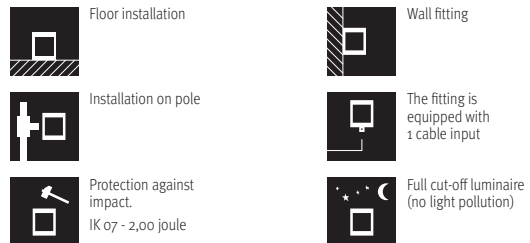
- Outdoor luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered extra-clear glass diffuser mechanically glued to the structure, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through an M16x1,5 metal cable gland (4,5xØ10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. The pole version has to be installed using a dedicated bracket to be ordered separately.

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



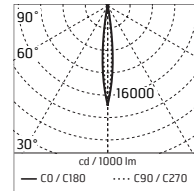
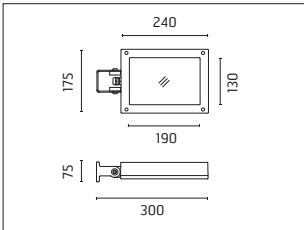
Perseo16 Power LED / Adjustable - Narrow beam 10°



525091 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1950
 CRI>70
 Electronic power supply included

525092 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1660
 CRI>80
 Electronic power supply included

525093 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 1500
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	38449	23680
2.00	9612	5920
3.00	4272	2631
4.00	2403	1480
5.00	1538	947

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

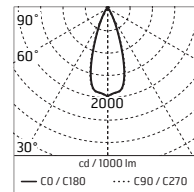
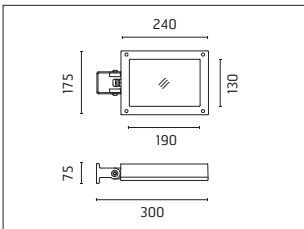
Perseo16 Power LED / Adjustable - Medium beam 40°



525081 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1759
 CRI>70
 Electronic power supply included

525082 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1498
 CRI>80
 Electronic power supply included

525083 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 1354
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	3467	2188
2.00	867	547
3.00	385	243
4.00	217	137
5.00	139	88

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

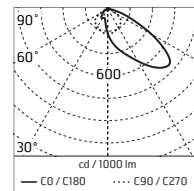
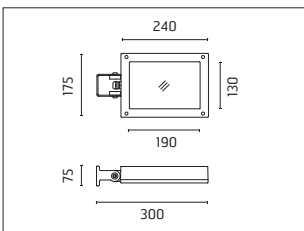
Perseo16 Power LED / Adjustable - Asymmetric optic



525061 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1444
 CRI>70
 Electronic power supply included

525062 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1229
 CRI>80
 Electronic power supply included

525063 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 1111
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	512	186
2.00	128	46
3.00	57	21
4.00	32	12
5.00	20	7

$\alpha = 32.0^\circ + 15.0^\circ$ $\beta = 43.0^\circ + 43.0^\circ$

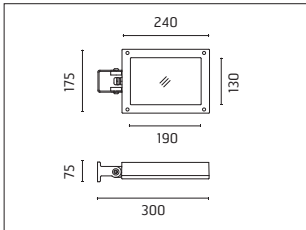
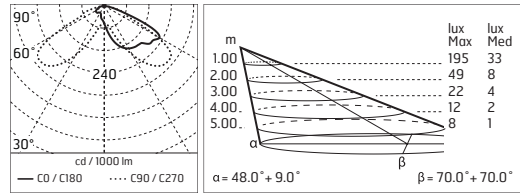
Perseo16 Power LED / Adjustable - Street light optic 120°



525071 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1202
 CRI>70
 Electronic power supply included

525072 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1023
 CRI>80
 Electronic power supply included

525073 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 16x1W/220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 925
 CRI>80
 Electronic power supply included

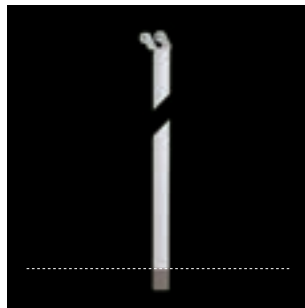


Perseo16 LED / Ø 48mm



179
H 800 mm

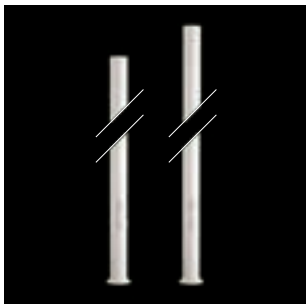
with Base



180
H 2000 (+300) mm

In-Ground (+300 mm Root)

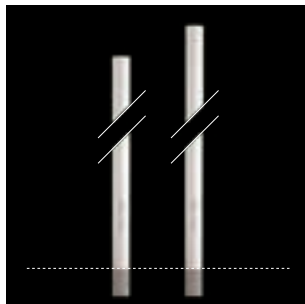
Perseo16 LED / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

with Base and Access Door



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

In-Ground (+500 mm Root) with Access Door

Colours available

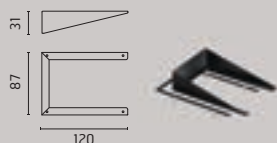


2. Aluminium 3. Anthracite

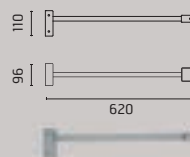


Accessories: Perseo16 LED

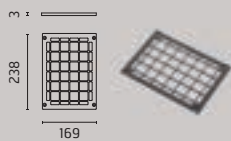
165
WALL WASHER VISOR



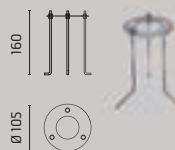
88
WALL BRACKET 620mm



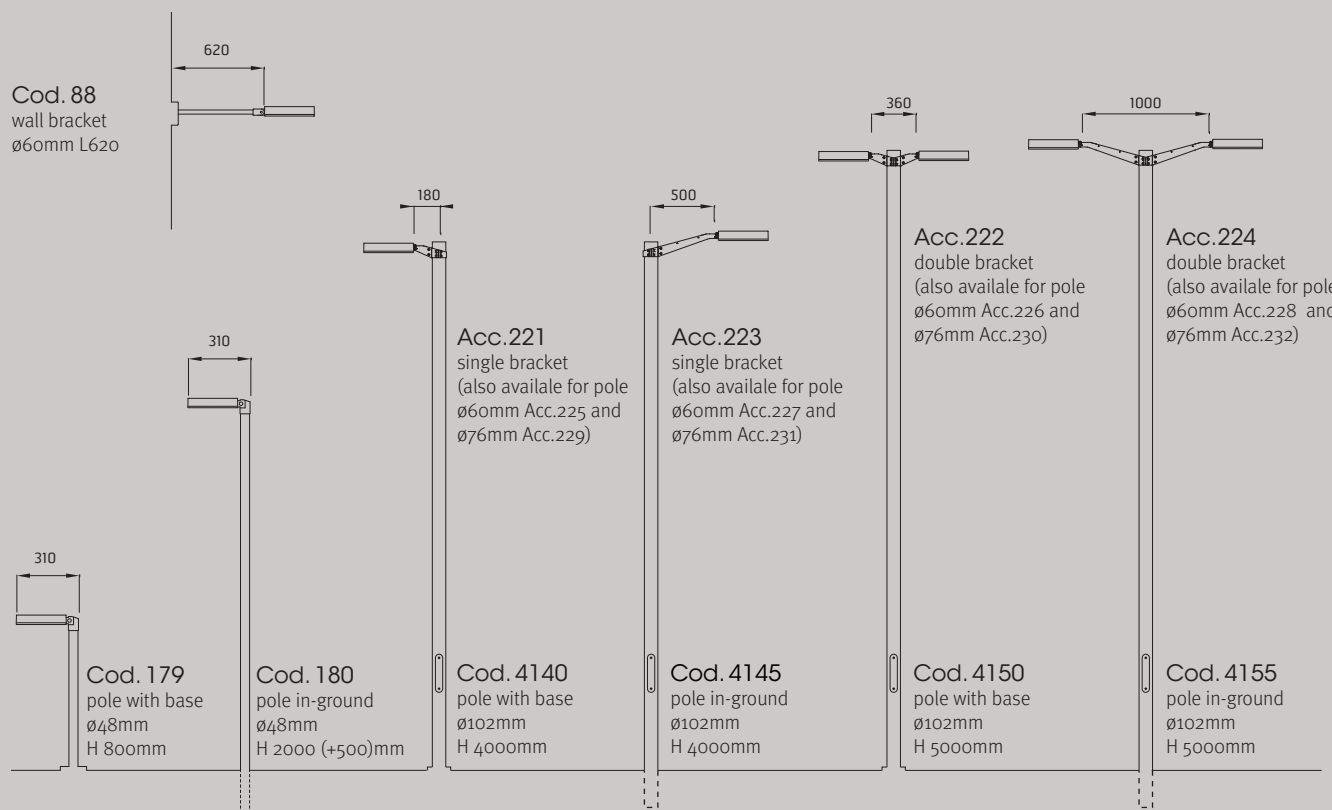
166
ANTI VANDAL LOUVRE



182
BASE PLATE AND FIXING BOLTS
Ø 105 x H 160mm



Installation scheme: Perseo16 LED



221
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



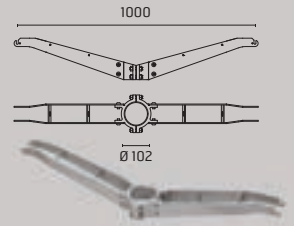
222
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



223
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



224
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



225
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



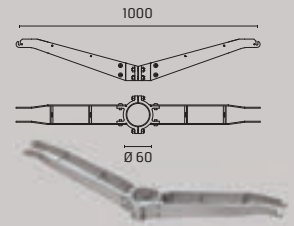
226
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



227
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



228
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



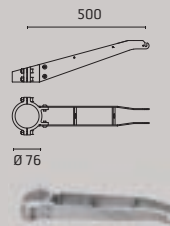
229
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



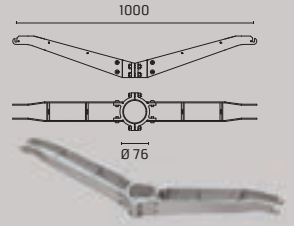
230
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



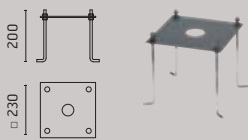
231
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



232
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



237
SPD. (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



acc. code ▶	165	166	88	182	221	222	223	224	225	226	227	228	229	230	231	232	116	237
prod. code ▼																		
525061	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525062	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525063	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525071	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525072	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525073	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525081	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525082	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525083	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525091	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525092	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
525093	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•
Pole																		
179				•														
180																		
4140					•	•	•	•									•	
4145					•	•	•	•										
4150					•	•	•	•									•	
4155					•	•	•	•										

Perseo30 LED

Design by Ares Concept

IP65   CE

- Outdoor luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered extra-clear glass diffuser, mechanically glued to the structure, silicone gaskets.
- The luminaire is equipped with a graduated stainless steel fixing plate allowing a precise installation on the wall.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through an M20x1,5 metal cable gland (7xø13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. The pole version has to be installed using a dedicated bracket to be ordered separately.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Floor installation



Wall fitting



Installation on pole



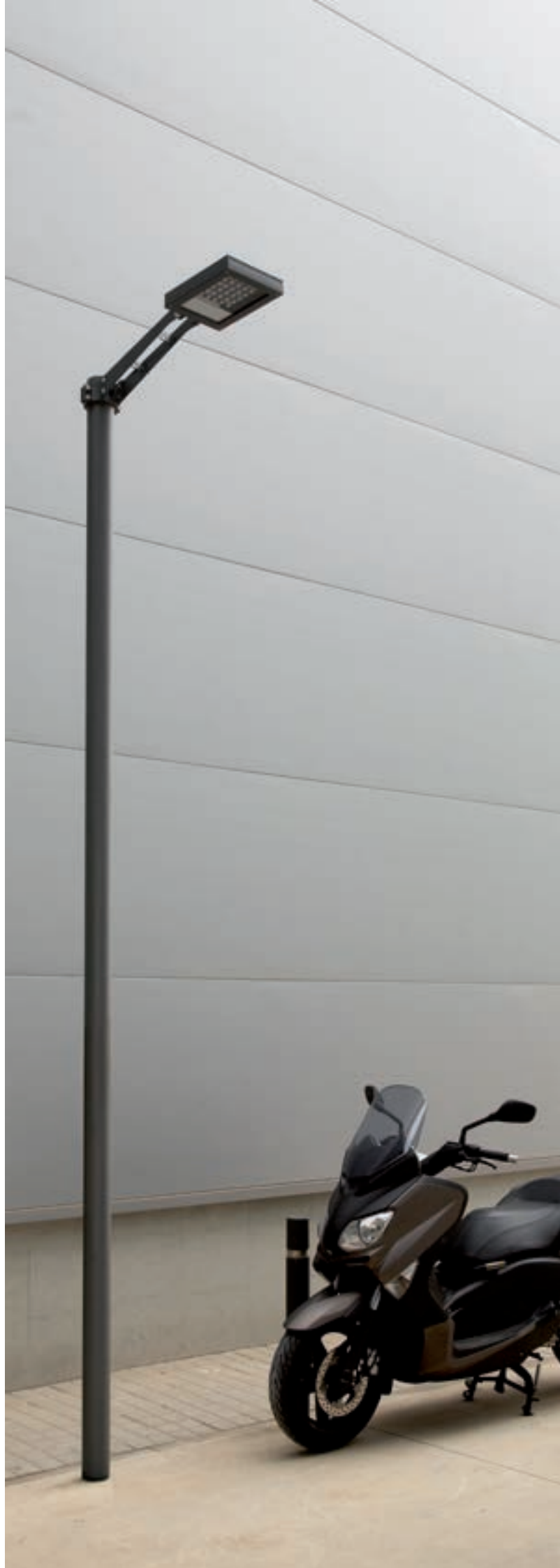
The fitting is
equipped with
1 cable input



Protection against
impact.
IK 07 - 2,00 joule



Full cut-off luminaire
(no light pollution)



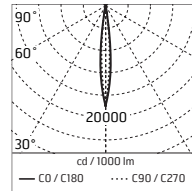
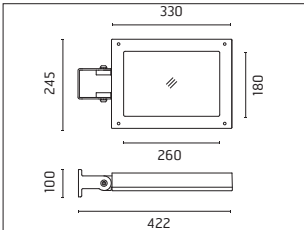
Perseo30 Power LED / Adjustable - Narrow beam 10°



525131 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 5044 ≠ FIXT lm 4655
 CRI>70
 Electronic power supply included

525132 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 4294 ≠ FIXT lm 3963
 CRI>80
 Electronic power supply included

525133 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 3881 ≠ FIXT lm 3582
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	91864	56264
2.00	22966	14066
3.00	10207	6252
4.00	5742	3517
5.00	3675	2251

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

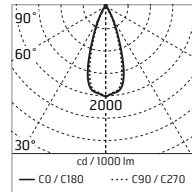
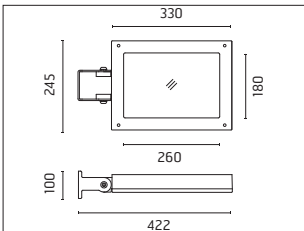
Perseo30 Power LED / Adjustable - Medium beam 40°



525121 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 5044 ≠ FIXT lm 4200
 CRI>70
 Electronic power supply included

525122 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 4294 ≠ FIXT lm 3575
 CRI>80
 Electronic power supply included

525123 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 3881 ≠ FIXT lm 3232
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	8484	5276
2.00	2121	1376
3.00	943	586
4.00	530	330
5.00	339	211

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

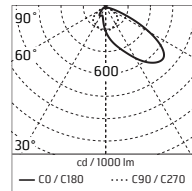
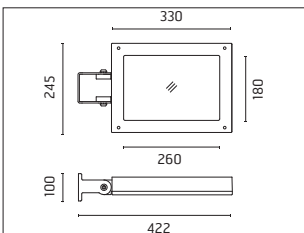
Perseo30 Power LED / Adjustable - Asymmetric optic



525101 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 5044 ≠ FIXT lm 3448
 CRI>70
 Electronic power supply included

525102 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 4294 ≠ FIXT lm 2935
 CRI>80
 Electronic power supply included

525103 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 30x2W/110=240V
 Total power 53W
 LED lm 3881 ≠ FIXT lm 2653
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	1179	399
2.00	295	100
3.00	131	44
4.00	74	25
5.00	47	16

$\alpha = 32.0^\circ + 16.0^\circ$ $\beta = 44.0^\circ + 44.0^\circ$

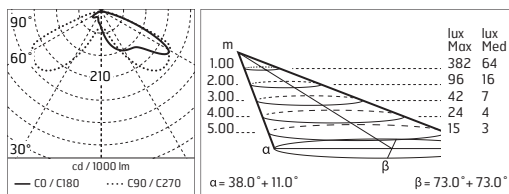
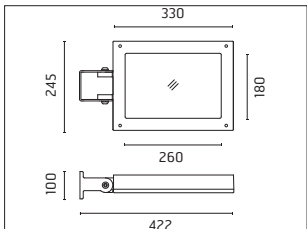
Perseo30 Power LED / Adjustable - Street light optic 120°



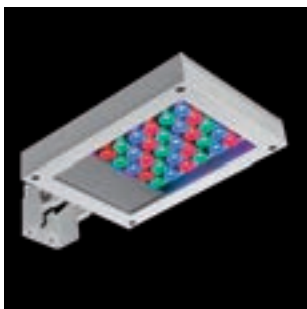
525111 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 30x2W/110÷240V
 Total power 53W
 LED lm 5044 ≠ FIXT lm 2869
 CRI>70
 Electronic power supply included

525112 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 30x2W/110÷240V
 Total power 53W
 LED lm 4294 ≠ FIXT lm 2443
 CRI>80
 Electronic power supply included

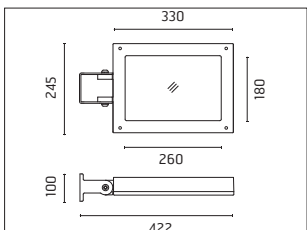
525113 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 30x2W/110÷240V
 Total power 53W
 LED lm 3881 ≠ FIXT lm 2208
 CRI>80
 Electronic power supply included



Perseo30 RGB Power LED / Adjustable - Medium beam 40°



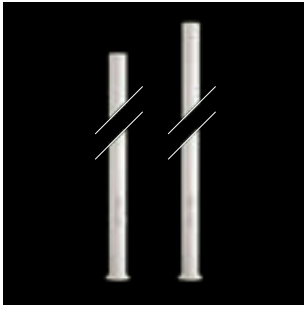
525124 A A+ A++
 RGB
 POWER LEDs
 10x3x1W/220÷240V
 with DMX interface
 Total power 40W
 Electronic power supply included



Wiring diagram and installation scheme RGB

» See Page 631
 Wiring Diagram n.8

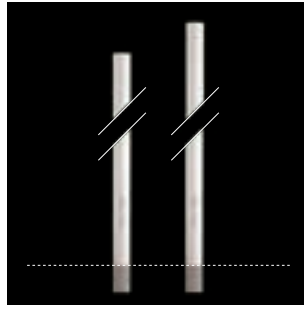
Perseo30 LED / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

with Base and Access Door



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

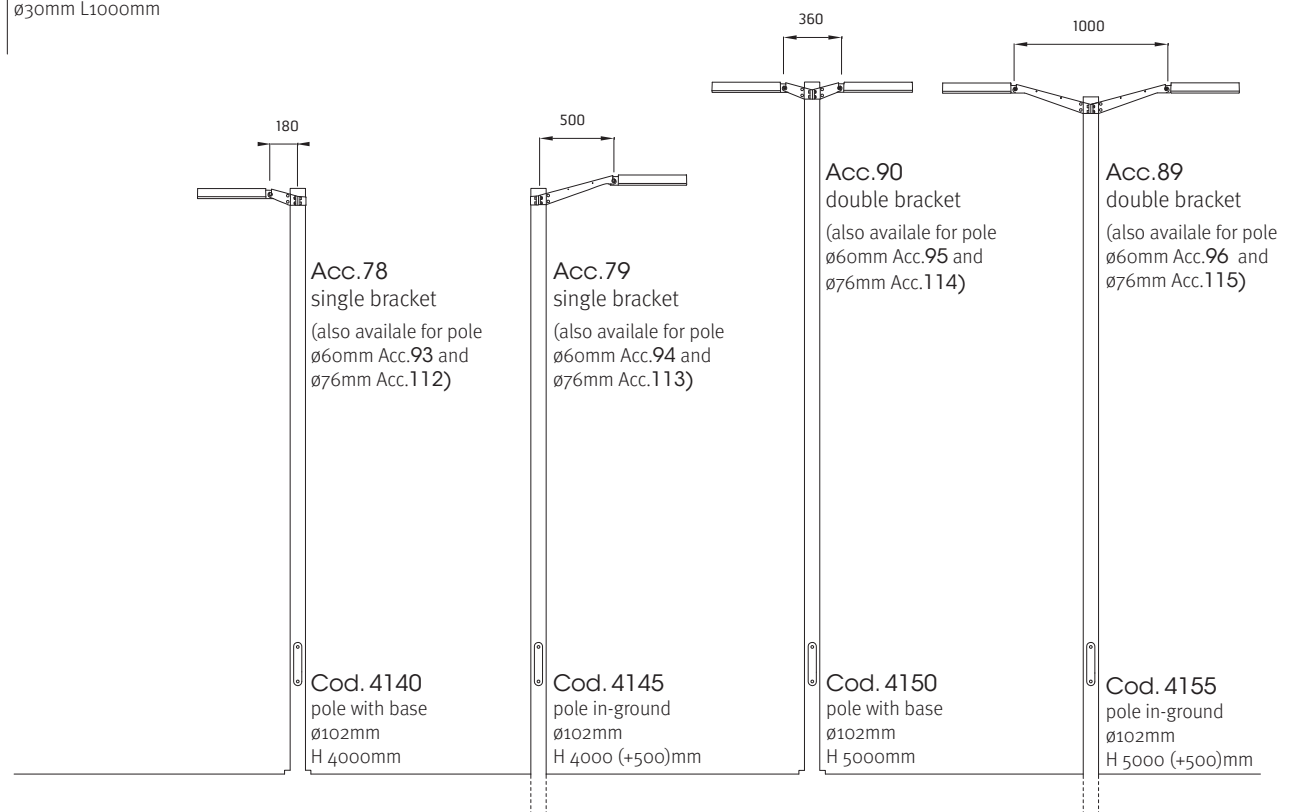
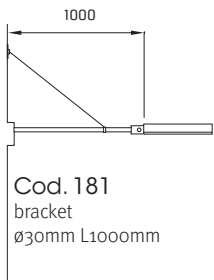
In-Ground (+500 mm Root)
with Access Door

Colours available



2. Aluminium 3. Anthracite

Installation scheme: Perseo30 LED



Accessories: Perseo30 LED

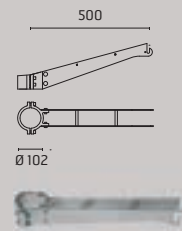
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



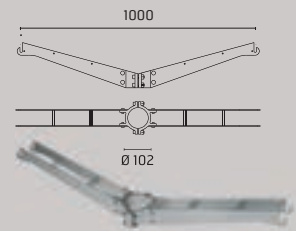
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



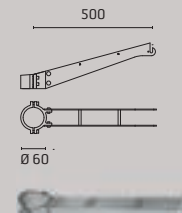
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



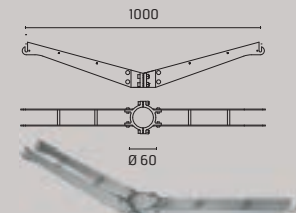
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



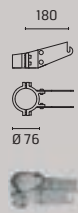
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



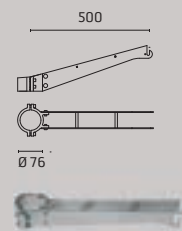
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



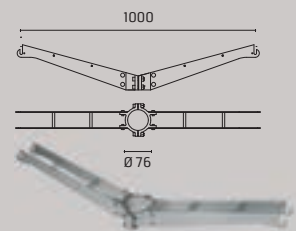
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



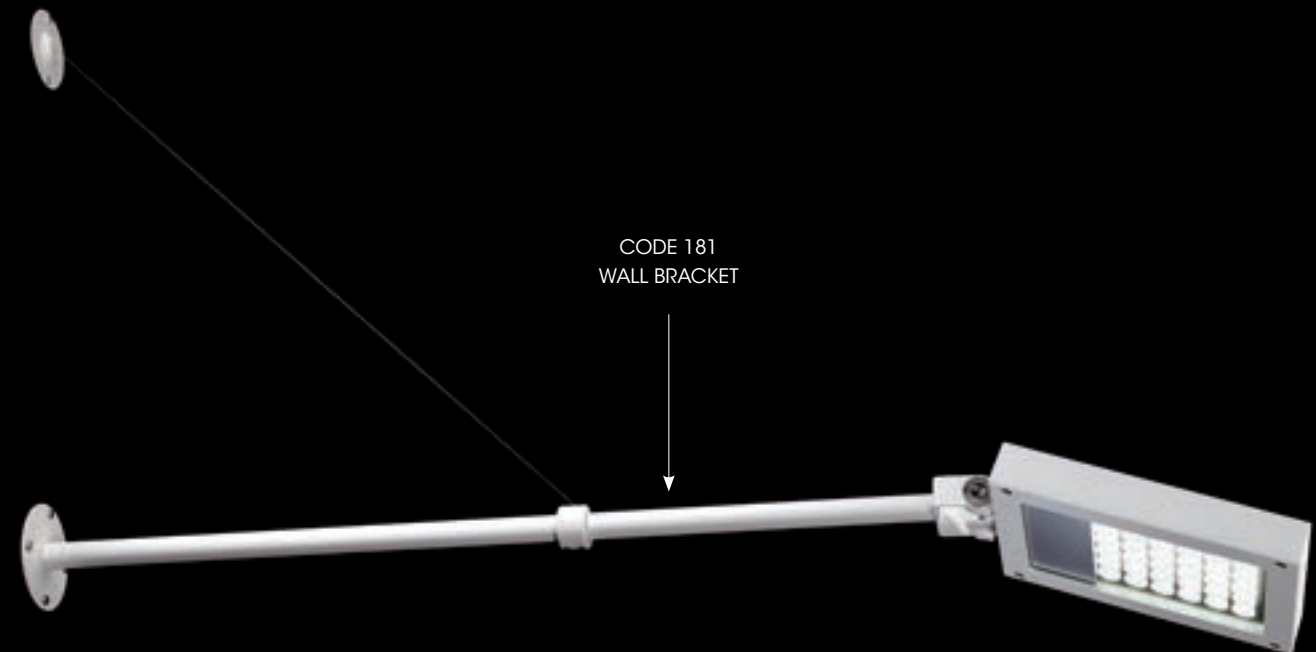
113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



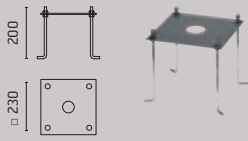
115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



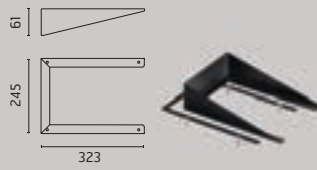
CODE 181
WALL BRACKET



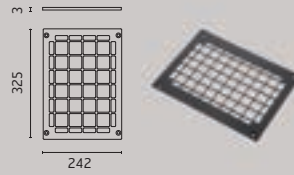
116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



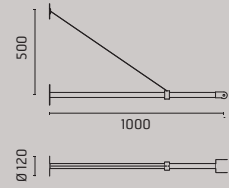
167
WALL WASHER VISOR



168
ANTI VANDAL LOUVRE



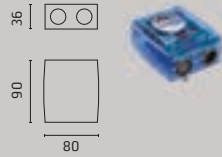
181
WALL BRACKET 1000mm



142
DMX CONTROLLER; dimmer switch for recessed box (60mm hole centres)



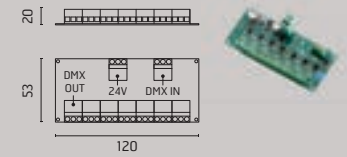
143
DMX CONTROLLER; stand-alone/PC interface



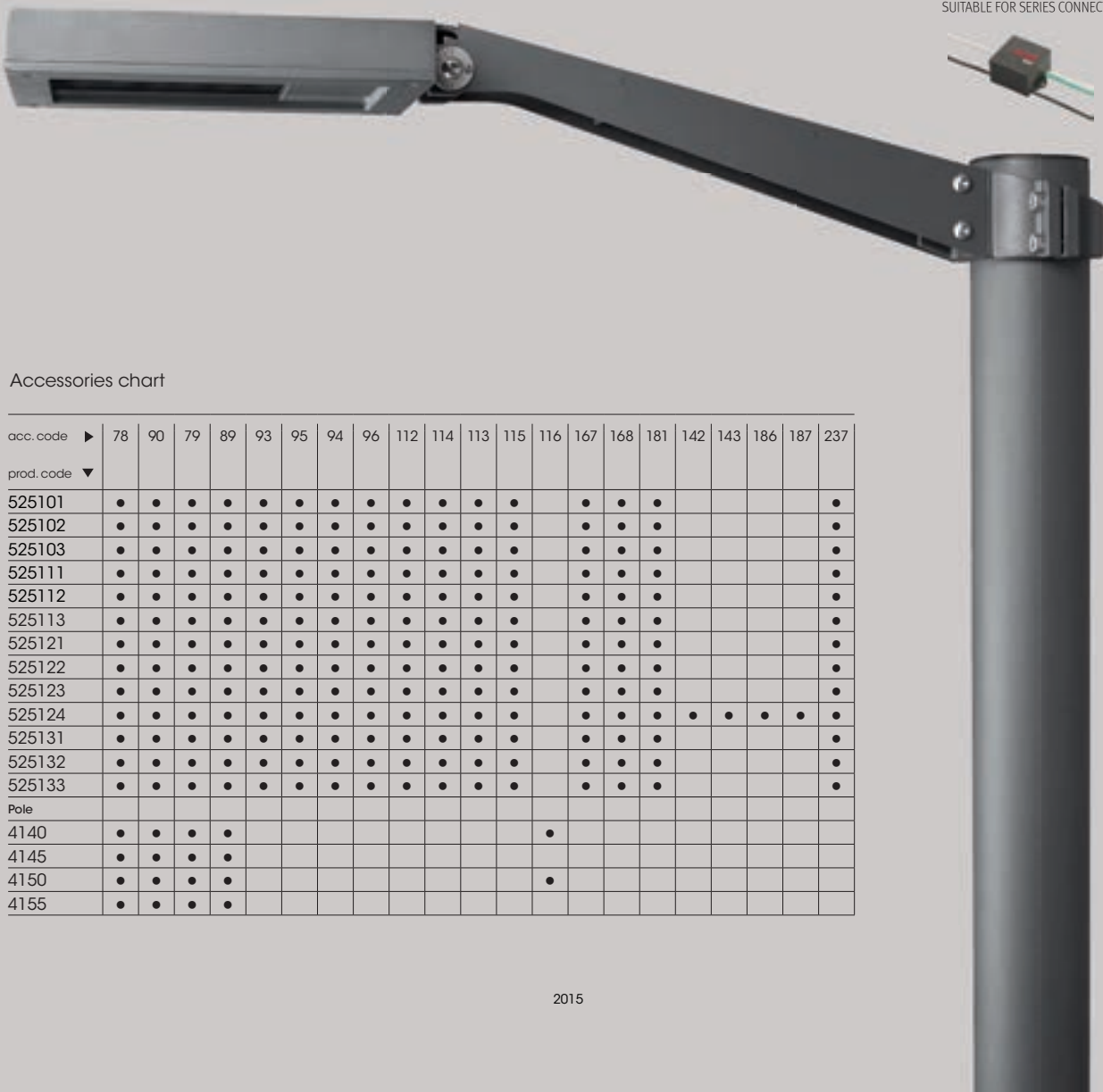
186
DMX CABLE - SHIELDED TWISTED PAIR WITH 110 Ohm CONSTANT IMPEDANCE.



187
DMX SPLITTER - ELECTRONIC DEVICE TO REGENERATE THE DMX SIGNAL. 1 INPUT AND 7 OUTPUT. 12÷24Vdc POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	78	90	79	89	93	95	94	96	112	114	113	115	116	167	168	181	142	143	186	187	237	
prod. code ▼																						
525101	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525102	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525103	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525111	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525112	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525113	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525121	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525122	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525123	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525124	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•
525131	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525132	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
525133	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•						•
Pole																						
4140	•	•	•	•									•									
4145	•	•	•	•																		
4150	•	•	•	•									•									
4155	•	•	•	•																		

Franco





MiniFranco








MiniFranco LED

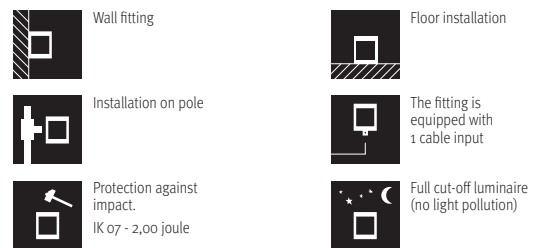
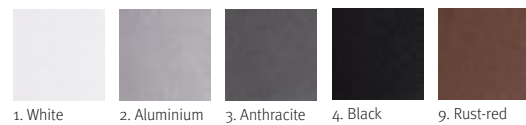
Design by KM-Lightetica

- Outdoor luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Pure aluminium optics, tempered extra-clear glass diffuser, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a M16x1,5 metal cable gland (4,5Øx10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- All versions with CoB LED light source are equipped with a 2-way terminal block for 3-conductor cables - IP68
- Code 88 is equipped with a 2 way terminal block 3-conductor cables - IP68

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

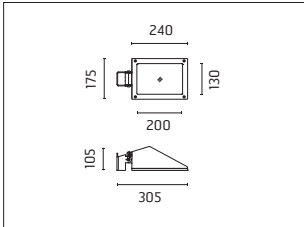
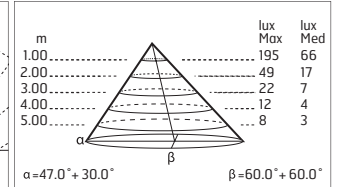
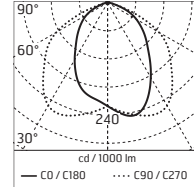
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ CDM-TM/PGJ5
	FLUORESCENT VERSION: Class A/B TC-T/GX24d-3
	
	HALOGEN VERSION: Class D QT32/E27



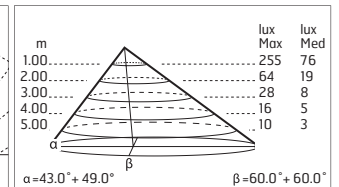
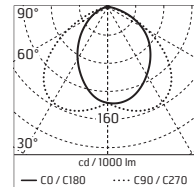
MiniFranco / Adjustable - Asymmetric Optic



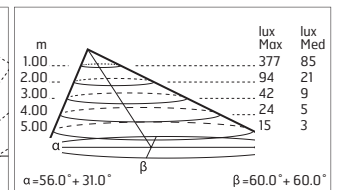
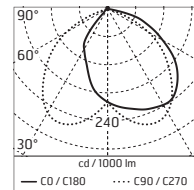
160114 **D**
QT 32 60W E27



166314 **B A**
TC-T 26W GX24d-3



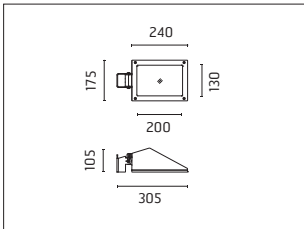
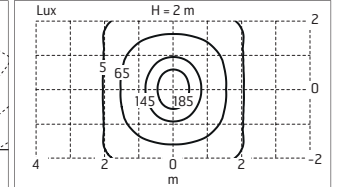
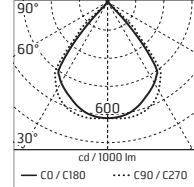
163714 **A+**
CDM-Tm 20W PGJ5
Electronic ballast



MiniFranco CoB LED / Adjustable - Symmetric Optic



1628013 **A A+ A++**
NATURAL WHITE 4000K
CoB LED
18W/220÷240V
Total power 23W
LED lm 2315 ≠ FIXT lm 1356
CRI >80
Electronic power supply included



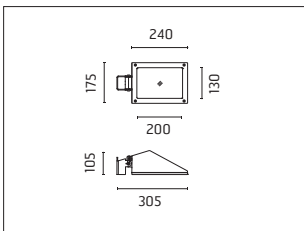
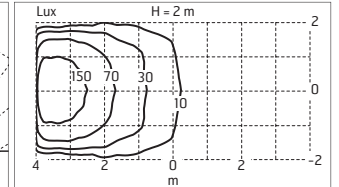
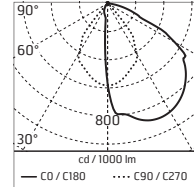
1628113 **A A+ A++**
WARM WHITE 3000K
CoB LED
18W/220÷240V
Total power 23W
LED lm 2195 ≠ FIXT lm 1279
CRI >80
Electronic power supply included



MiniFranco CoB LED / Adjustable - Asymmetric Optic



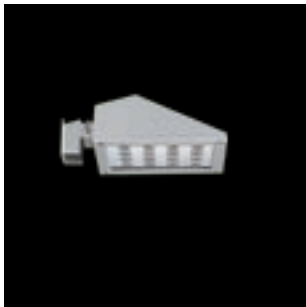
1628014 **A A+ A++**
NATURAL WHITE 4000K
CoB LED
18W/220÷240V
Total power 23W
LED lm 2315 ≠ FIXT lm 1292
CRI >80
Electronic power supply included



1628114 **A A+ A++**
WARM WHITE 3000K
CoB LED
18W/220÷240V
Total power 23W
LED lm 2195 ≠ FIXT lm 1218
CRI >80
Electronic power supply included



MiniFranco Power LED / Adjustable - Narrow Beam 10°



1610012 A A+ A++

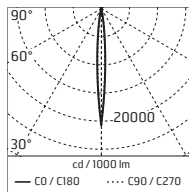
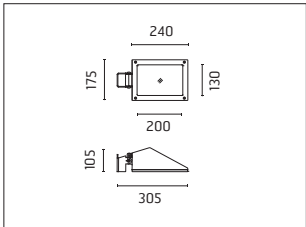
COOL WHITE 6000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 2152 ≠ FIXT lm 1865
CRI>70
Electronic power supply included

1622412 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 1832 ≠ FIXT lm 1588
CRI>80
Electronic power supply included

1610112 A A+ A++

WARM WHITE 3000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 1656 ≠ FIXT lm 1435
CRI>80
Electronic power supply included



m	lux	
	Max	Med
1.00	38303	22697
2.00	9576	5674
3.00	4256	2522
4.00	2394	1419
5.00	1532	908

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

MiniFranco Power LED / Adjustable - Medium Beam 40°



1610013 A A+ A++

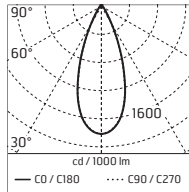
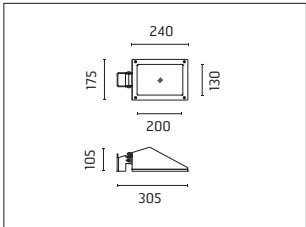
COOL WHITE 6000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 2152 ≠ FIXT lm 1607
CRI>70
Electronic power supply included

1622413 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 1832 ≠ FIXT lm 1368
CRI>80
Electronic power supply included

1610113 A A+ A++

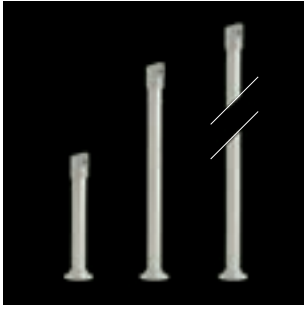
WARM WHITE 3000K
POWER LEDs
16x1W/220÷240V
Total power 20W
LED lm 1656 ≠ FIXT lm 1237
CRI>80
Electronic power supply included



m	lux	
	Max	Med
1.00	2904	1716
2.00	726	429
3.00	323	191
4.00	181	107
5.00	116	69

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

MiniFranco / Ø 60mm - Poles

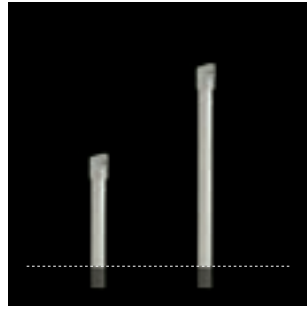


with Base

1005
H 500 mm

1009
H 900 mm

117
H 2000 mm

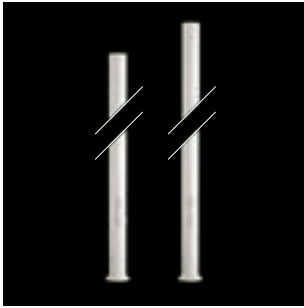


In-Ground (+300 mm Root)

1105
H 500 mm (+300mm)

1109
H 900 mm (+300mm)

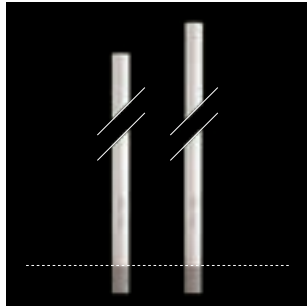
MiniFranco / Ø 102mm - Poles



with Base and Access Door

4140
H 4000 mm

4150
H 5000 mm



In-Ground (+500 mm Root)
with Access Door

4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

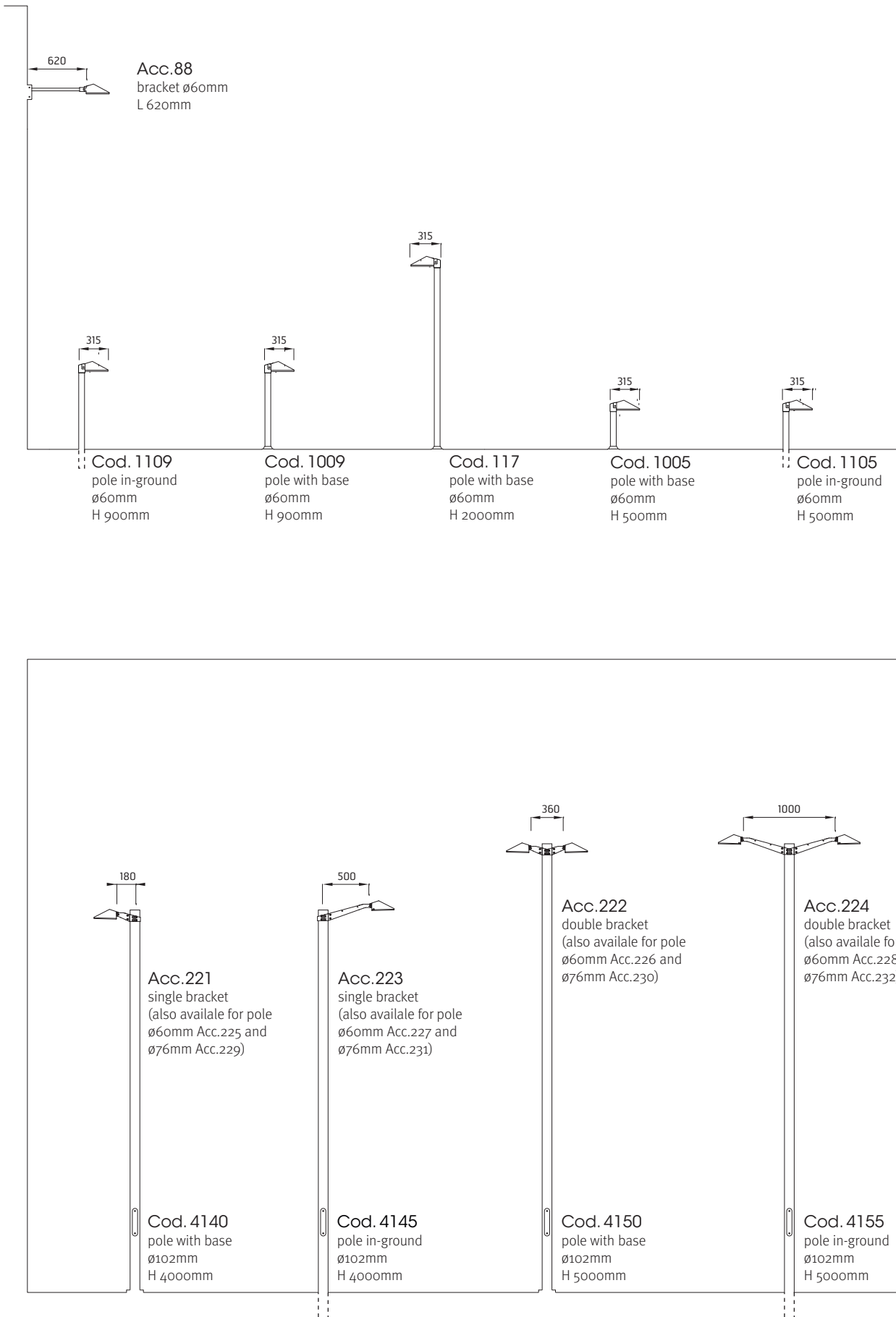
Colours Available



2. Aluminium 3. Anthracite



Installation scheme: MiniFranco - MiniFranco LED



Accessories: MiniFranco - MiniFranco LED

221
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



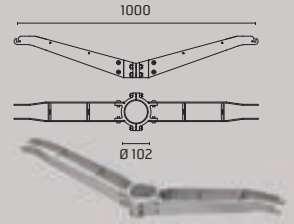
222
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



223
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



224
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



225
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



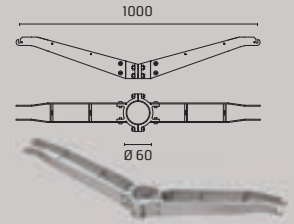
226
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



227
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



228
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



229
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



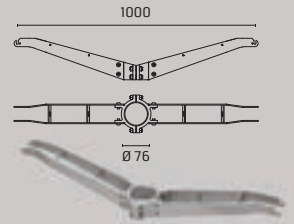
230
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



231
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



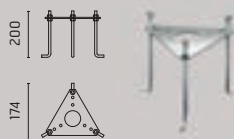
232
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



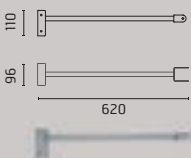
237
SPD. (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



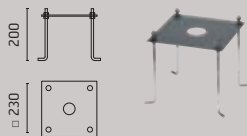
21
BASE PLATE AND FIXING BOLTS
174 x H 200mm



88
WALL BRACKET 620mm



116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



Accessories chart

acc. code ▶	221	222	223	224	225	226	227	228	229	230	231	232	237	21	116	88
prod. code ▼																
160114	•	•	•	•	•	•	•	•	•	•	•	•	•			•
163714	•	•	•	•	•	•	•	•	•	•	•	•	•			•
166314	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610012	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610013	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610112	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610113	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1622412	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1622413	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628013	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628014	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628113	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628114	•	•	•	•	•	•	•	•	•	•	•	•	•			•
Pole																
117															•	
1005															•	
1009															•	
1105																
1109																
4140	•	•	•	•												•
4145	•	•	•	•												•
4150	•	•	•	•												•
4155	•	•	•	•												•

Franco








Franco LED

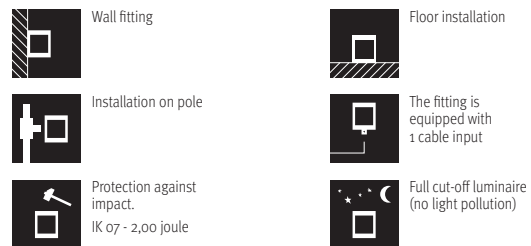
Design by KM-Lightetica

- Outdoor luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Pure aluminium optics, tempered extra-clear glass diffuser, silicone gaskets.
- The luminaire is equipped with a graduated stainless steel fixing plate allowing a precise installation on the wall.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a M20x1,5 metal cable gland (7xØ13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. The pole version has to be installed using a dedicated bracket to be ordered separately.
- All versions with CoB LED light source are equipped with a 2-way terminal block for 3-conductor cables - IP68

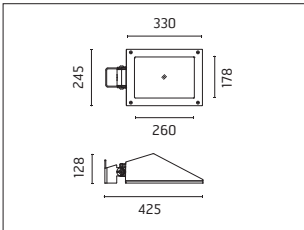
IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

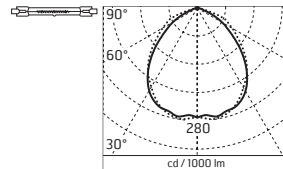
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-DE/RX75
	SODIUM VAPOR VERSION: Class A+ HST-DE/Rx75
	HALOGEN VERSION: Class C/D
	QT-DE12/R75



Franco / Adjustable - Symmetric Optic



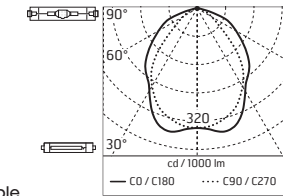
961413 **D C**
QT-DE 12 200W R7S



m	Max	Med
1.00	973	342
2.00	243	86
3.00	108	38
4.00	61	21
5.00	39	14

$\alpha = 50.0^\circ + 50.0^\circ$ $\beta = 47.0^\circ + 47.0^\circ$

962913 **A+**
HIT-DE 70W Rx7s

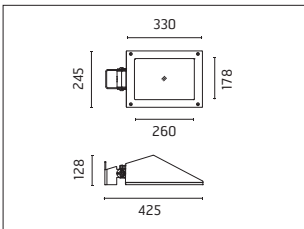


m	Max	Med
1.00	2245	864
2.00	561	216
3.00	249	96
4.00	140	54
5.00	90	35

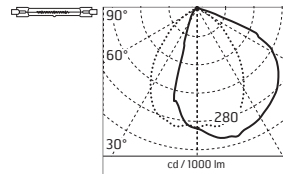
$\alpha = 50.0^\circ + 50.0^\circ$ $\beta = 41.0^\circ + 41.0^\circ$

Optional bulb
HST-DE 70W Rx7s **A+**
Yellow light (2000K)
Photometric curve not available

Franco / Adjustable - Asymmetric Optic



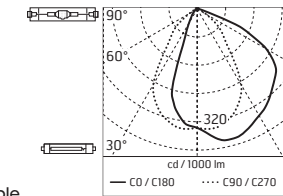
961414 **D C**
QT-DE 12 200W R7S



m	Max	Med
1.00	999	308
2.00	250	77
3.00	111	34
4.00	62	19
5.00	40	12

$\alpha = 33.0^\circ + 48.0^\circ$ $\beta = 42.0^\circ + 42.0^\circ$

962914 **A+**
HIT-DE 70W Rx7s

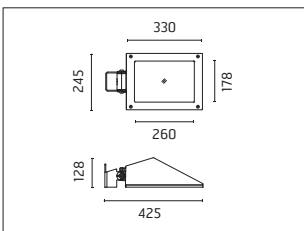


m	Max	Med
1.00	2372	861
2.00	593	215
3.00	264	96
4.00	148	54
5.00	95	34

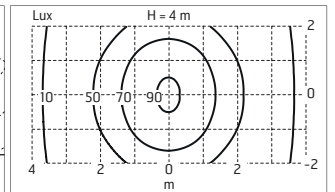
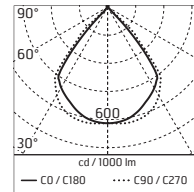
$\alpha = 33.0^\circ + 48.0^\circ$ $\beta = 36.0^\circ + 36.0^\circ$

Optional bulb
HST-DE 70W Rx7s **A+**
Yellow light (2000K)
Photometric curve not available

Franco CoB LED / Adjustable - Symmetric Optic



9628213 **A A+ A++**
NATURAL WHITE 4000K
CoB LED
32W/220÷240V
Total power 40W
LED lm 4049 ≠ FIXT lm 2372
CRI >80
Electronic power supply included



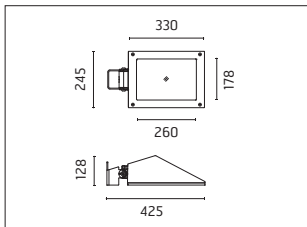
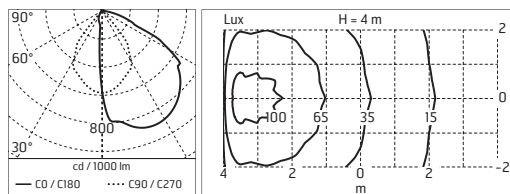
9628313 **A A+ A++**
WARM WHITE 3000K
CoB LED
32W/220÷240V
Total power 40W
LED lm 3896 ≠ FIXT lm 2255
CRI >80
Electronic power supply included

Franco CoB LED / Adjustable - Asymmetric Optic

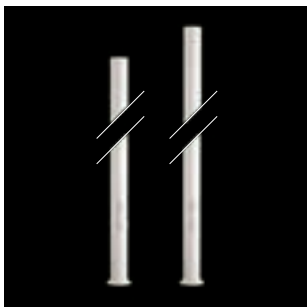


9628214 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 32W/220-240V
 Total power 40W
 LED lm 4049 ≠ FIXT lm 2259
 CRI >80
 Electronic power supply included

9628314 A A+ A++
 WARM WHITE 3000K
 CoB LED
 32W/220-240V
 Total power 40W
 LED lm 3896 ≠ FIXT lm 2148
 CRI >80
 Electronic power supply included



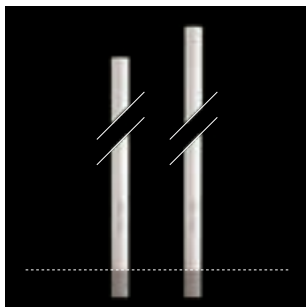
Franco / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

with Base and Access Door



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

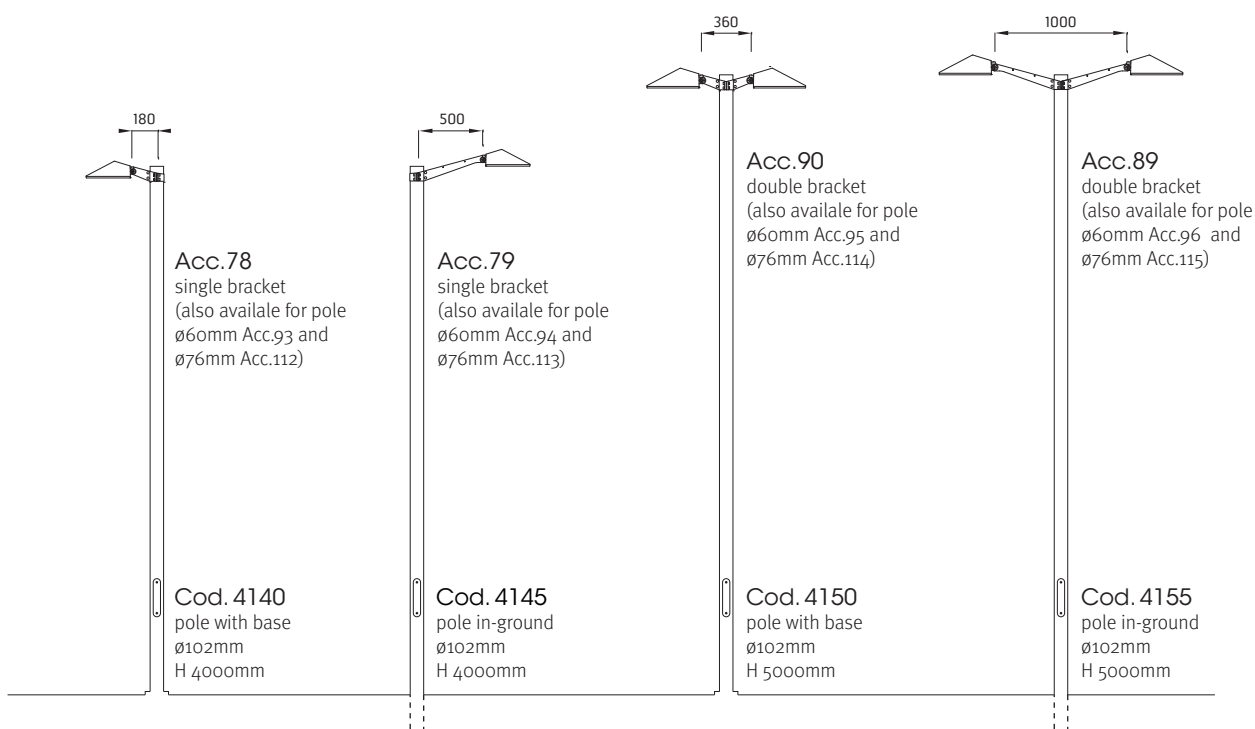
In-Ground (+500 mm Root)
with Access Door

Colours available



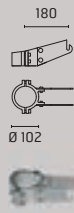
2. Aluminium 3. Anthracite

Installation scheme: Franco - Franco LED



Accessories: Franco - Franco LED

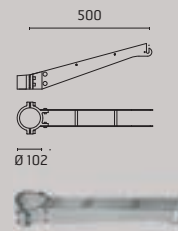
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



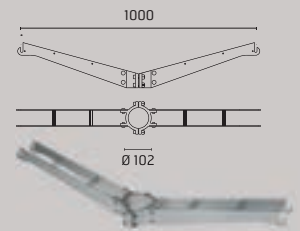
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



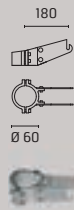
79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



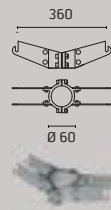
89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



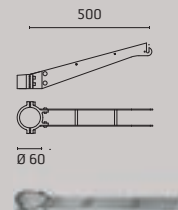
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



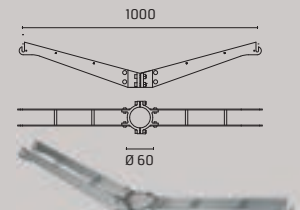
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



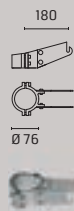
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



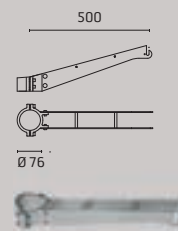
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



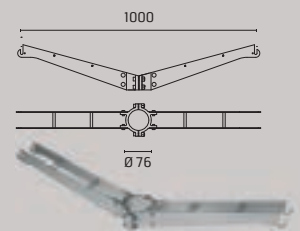
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



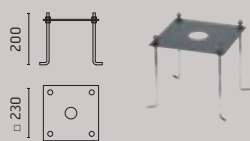
113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	78	90	79	89	93	95	94	96	112	114	113	115	116	237
prod. code ▼														
961413	•	•	•	•	•	•	•	•	•	•	•	•		
961414	•	•	•	•	•	•	•	•	•	•	•	•		
962913	•	•	•	•	•	•	•	•	•	•	•	•		
962914	•	•	•	•	•	•	•	•	•	•	•	•		
9628213	•	•	•	•	•	•	•	•	•	•	•	•		•
9628214	•	•	•	•	•	•	•	•	•	•	•	•		•
9628313	•	•	•	•	•	•	•	•	•	•	•	•		•
9628314	•	•	•	•	•	•	•	•	•	•	•	•		•
Pole														
4140	•	•	•	•									•	
4145	•	•	•	•										
4150	•	•	•	•									•	
4155	•	•	•	•										

MaxiFranco








MaxiFranco LED

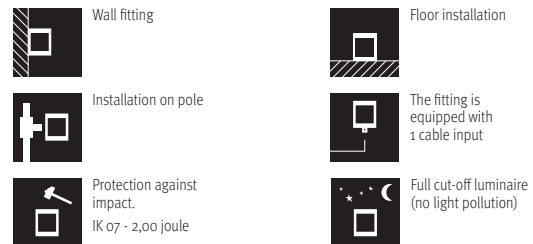
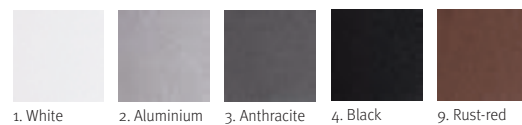
Design by KM-Lightetica

- Outdoor luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Pure aluminium optics, tempered extra-clear glass diffuser, silicone gaskets.
- The luminaire is equipped with a graduated stainless steel fixing plate allowing a precise installation on the wall.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a M20x1,5 metal cable gland (7xØ13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. The pole version has to be installed using a dedicated bracket to be ordered separately.
- All versions with CoB LED light source are equipped with a 2-way terminal block for 3-conductor cables - IP68

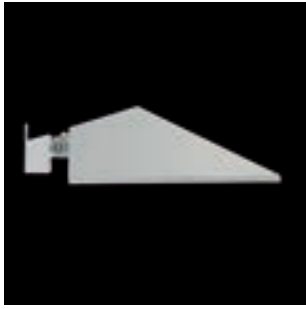
IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

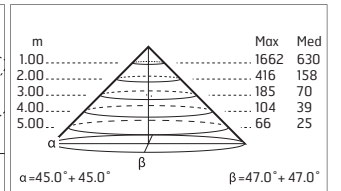
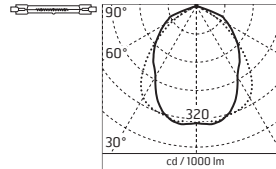
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-DE/RX7s HIT-COS/PGZ12 HIT-CE/G12
	SODIUM VAPOR VERSION: Class A+ HST-DE/RX7s
	HALOGEN VERSION: Class C/D QT-DE12/R7s
	



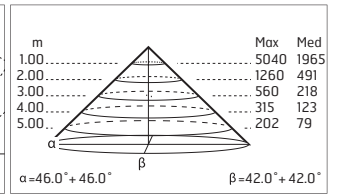
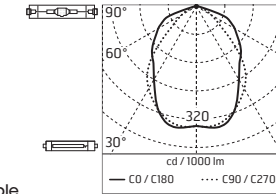
MaxiFranco / Adjustable - Symmetric Optic



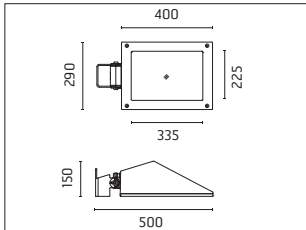
971413 **D C**
QT-DE 12 300W R7s



971913 **A+**
HIT-DE 150W RX7s



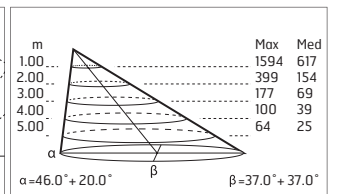
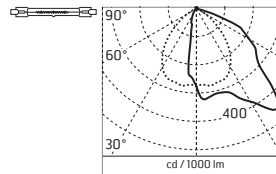
Optional bulb
HST-DE 150W Rx7s **A+**
Yellow light (2000K)
Photometric curve not available



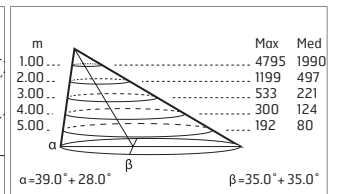
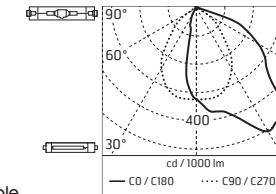
MaxiFranco / Adjustable - Asymmetric Optic



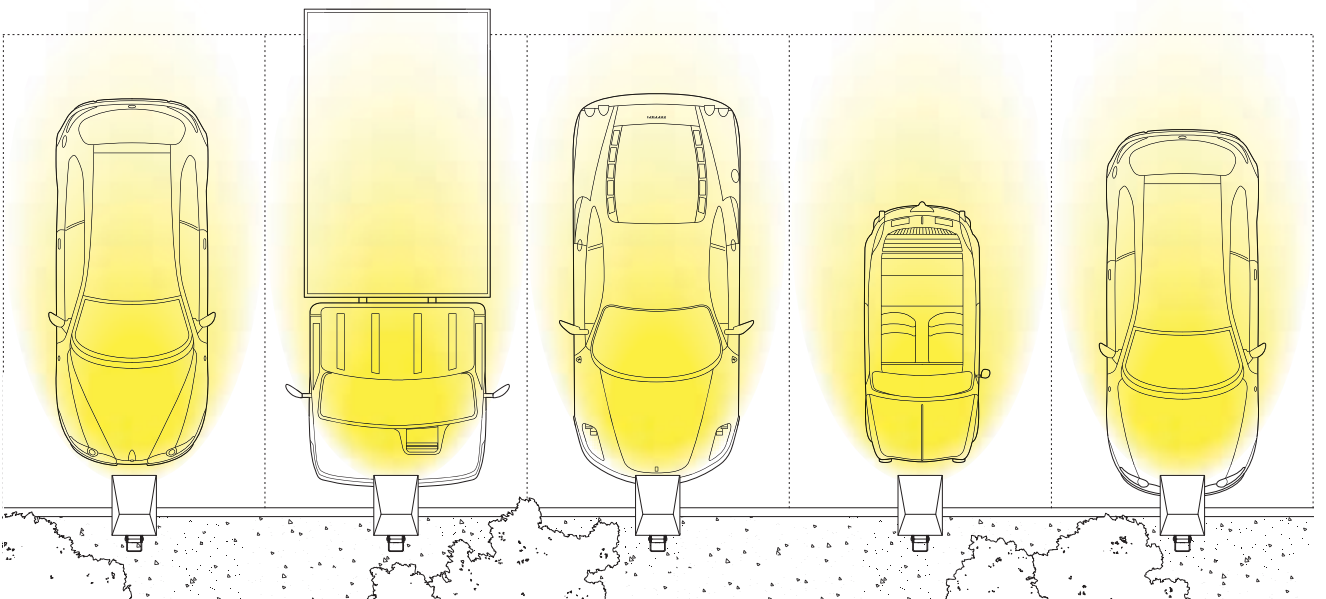
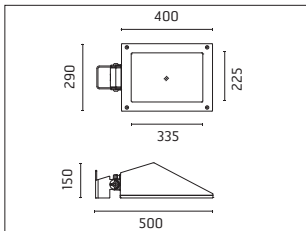
971414 **D C**
QT-DE 12 300W R7s



971914 **A+**
HIT-DE 150W RX7s



Optional bulb
HST-DE 150W Rx7s **A+**
Yellow light (2000K)
Photometric curve not available

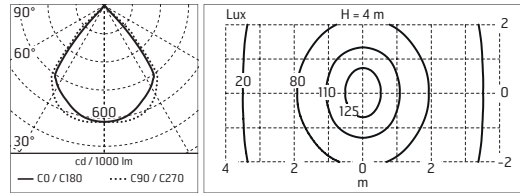
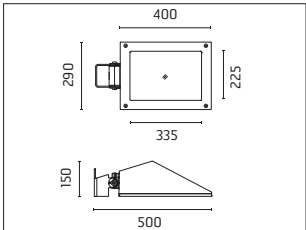


MaxiFranco CoB LED / Adjustable - Symmetric Optic



9728413 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 45W/220-240V
 Total power 52W
 LED lm 5750 ≠ FIXT lm 3369
 CRI >80
 Electronic power supply included

9728513 A A+ A++
 WARM WHITE 3000K
 CoB LED
 45W/220-240V
 Total power 52W
 LED lm 5500 ≠ FIXT lm 3203
 CRI >80
 Electronic power supply included

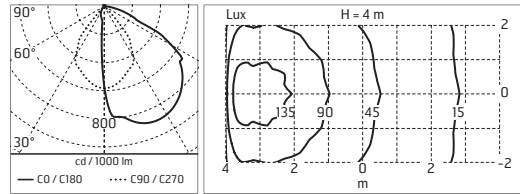
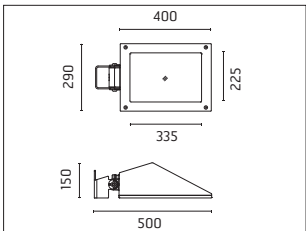


MaxiFranco CoB LED / Adjustable - Asymmetric Optic



9728414 A A+ A++
 NATURAL WHITE 4000K
 CoB LED
 45W/220-240V
 Total power 52W
 LED lm 5750 ≠ FIXT lm 3209
 CRI >80
 Electronic power supply included

9428514 A A+ A++
 WARM WHITE 3000K
 CoB LED
 45W/220-240V
 Total power 52W
 LED lm 5500 ≠ FIXT lm 3051
 CRI >80
 Electronic power supply included

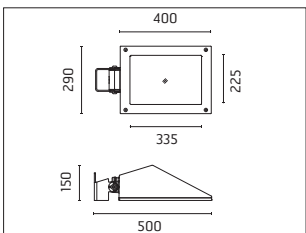


MaxiFranco Power LED / Adjustable - Asymmetric Optic

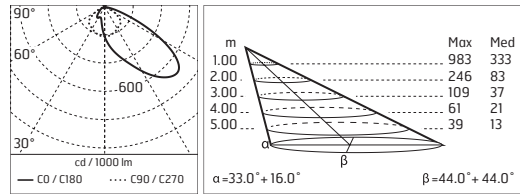


9724613 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 30x2W/110-240V
 Total power 47W
 LED lm 5044 ≠ FIXT lm 2875
 CRI>70
 Electronic power supply included

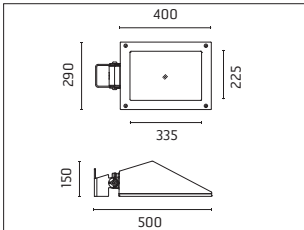
9724713 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 30x2W/110-240V
 Total power 47W
 LED lm 4294 ≠ FIXT lm 2448
 CRI>80
 Electronic power supply included



9724813 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 30x2W/110-240V
 Total power 47W
 LED lm 3881 ≠ FIXT lm 2212
 CRI>80
 Electronic power supply included



MaxiFranco / Adjustable - Street light Optic



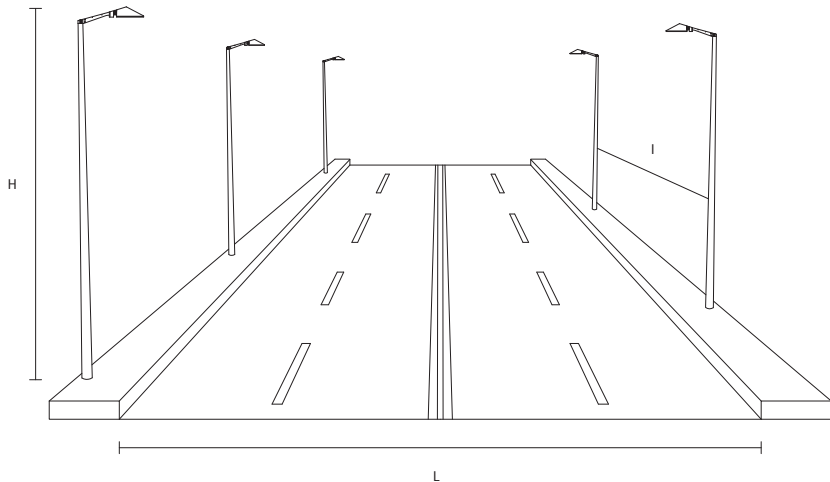
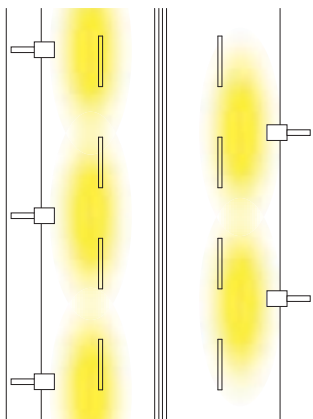
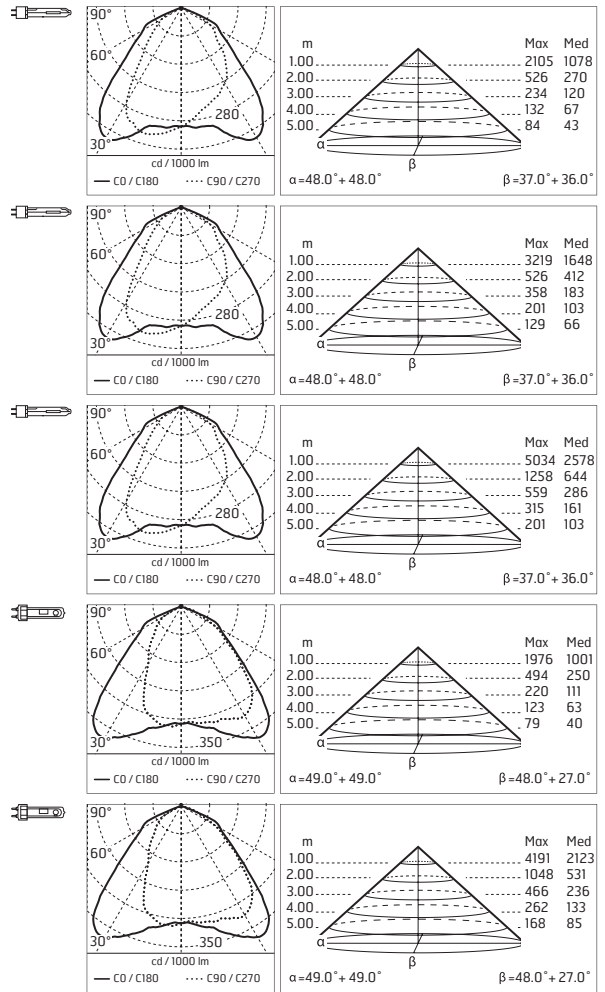
97138109 A+
HIT-COS 60W PGZ12

97160109 A+
HIT-COS 90W PGZ12

97139109 A+
HIT-COS 140W PGZ12

9771109 A+
HIT-CE 70W G12

9715109 A+
HIT-CE 150W G12



MaxiFranco street light

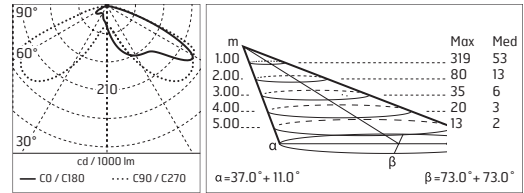
Installation of Maxi Franco as street lighting on R3 street pavement and ME4a road (mixed traffic road - minor roads connected to major roads). The chart refers to the European regulation CEN prEN 13201-1. For any other technical info please contact ARES' lighting design department.

MaxiFranco	H	I	L	Lm	Uo	Ul	Ti
HIT-COS 60W PGZ12	9	25	7	0,77	0,7	0,6	1
HIT-COS 90W PGZ12	9	33	7	0,89	0,7	0,6	1
HIT-COS 140W PGZ12	9	33	7	1,40	0,7	0,6	1
HIT 70W G12	8	29	7	0,80	0,7	0,6	1
HIT 150W G12	8	29	7	1,84	0,7	0,6	1

MaxiFranco Power LED / Adjustable - Street light Optic



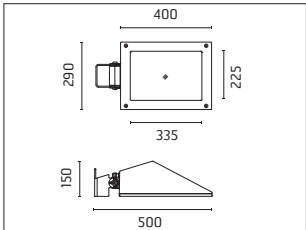
9724614 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 30x2W/110÷240V
 Total power 47W
 LED lm 5044 ≠ FIXT lm 2394
 CRI>70
 Electronic power supply included



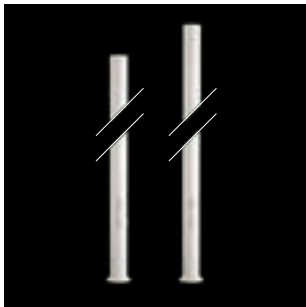
9724714 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 30x2W/110÷240V
 Total power 47W
 LED lm 4294 ≠ FIXT lm 2037
 CRI>80
 Electronic power supply included



9724814 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 30x2W/110÷240V
 Total power 47W
 LED lm 3881 ≠ FIXT lm 1841
 CRI>80
 Electronic power supply included



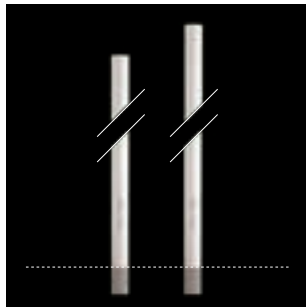
Franco / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

with Base and Access Door

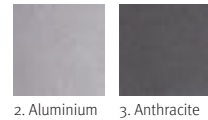


4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

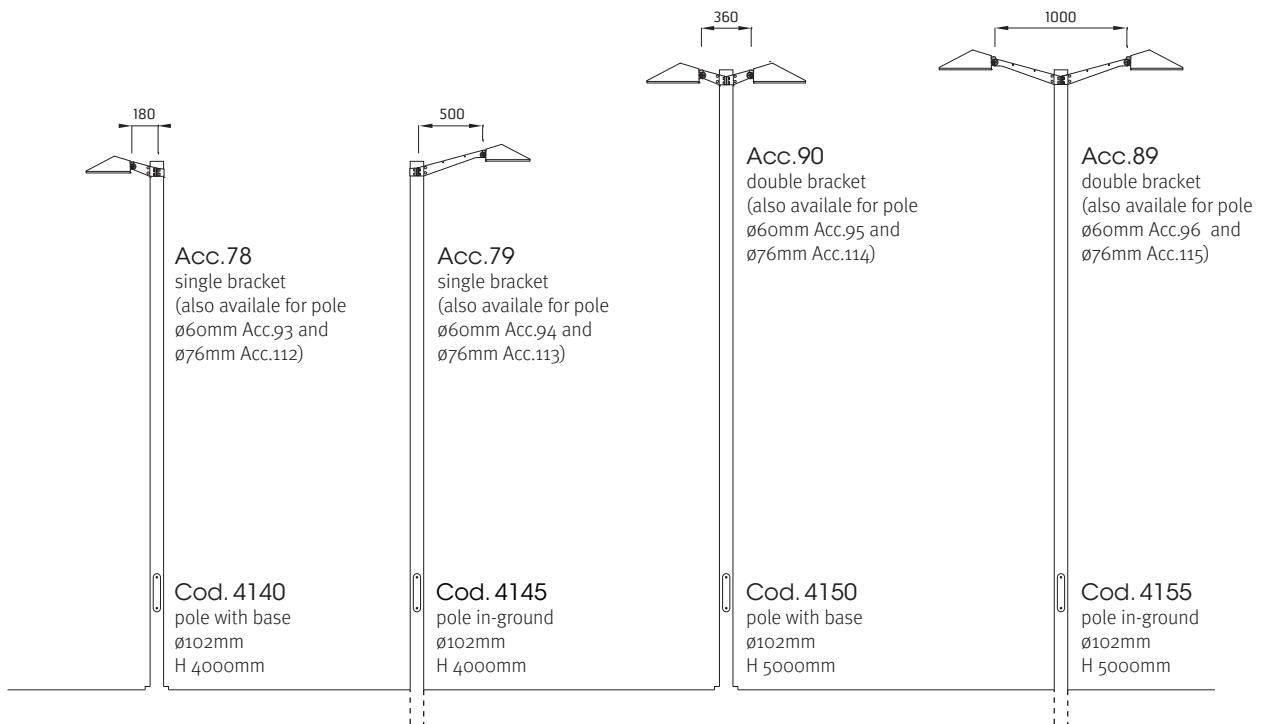
In-Ground (+500 mm Root)
with Access Door

Colours available



2. Aluminium 3. Anthracite

Installation scheme: MaxiFranco - MaxiFranco LED



Accessories: MaxiFranco - Maxi Franco LED

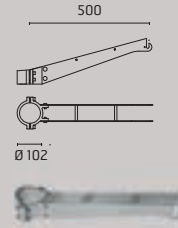
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



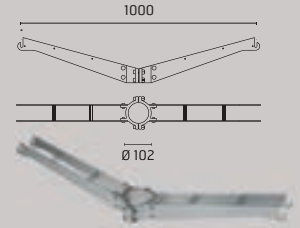
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



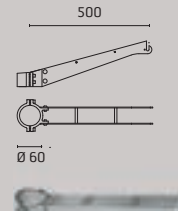
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



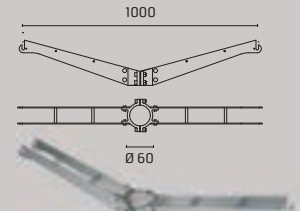
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



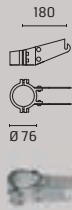
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



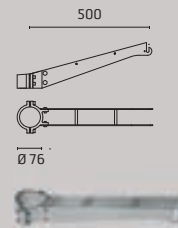
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



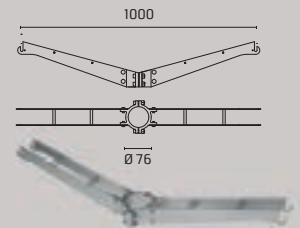
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



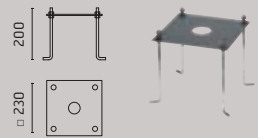
115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



Accessories chart

acc. code ▶	78	90	79	89	93	95	94	96	112	114	113	115	116	237
prod. code ▼														
971413	•	•	•	•	•	•	•	•	•	•	•	•	•	
971414	•	•	•	•	•	•	•	•	•	•	•	•	•	
971913	•	•	•	•	•	•	•	•	•	•	•	•	•	
971914	•	•	•	•	•	•	•	•	•	•	•	•	•	
9715109	•	•	•	•	•	•	•	•	•	•	•	•	•	
9724613	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724614	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724713	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724714	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724813	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724814	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728413	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728414	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728513	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728514	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9771109	•	•	•	•	•	•	•	•	•	•	•	•	•	
97138109	•	•	•	•	•	•	•	•	•	•	•	•	•	
97139109	•	•	•	•	•	•	•	•	•	•	•	•	•	
97160109	•	•	•	•	•	•	•	•	•	•	•	•	•	
Pole														
4140	•	•	•	•									•	
4145	•	•	•	•										
4150	•	•	•	•									•	
4155	•	•	•	•										

116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Andrea





Andrea




Andrea LED

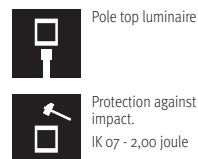
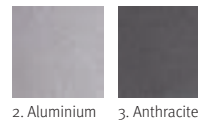
Design by Ares Concept

IP65    

- Pole top luminaire for installation on pole or wall (by a wall mounting bracket).
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content)
- The top cover in pre-galvanized sheet is secured to the housing by four extruded aluminium bracket.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- The internal part of the top cover is painted in white for an enhanced light distribution.
- Lamp housing in clear or opal acrylic 3mm thick. Silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1
- Class of insulation: I, Led module: II
- Installation: the fixture is equipped with one a M20x1,5mm cable gland and 1m cable (3x1,5mmq). Re-lamping is through the removal of a disc fitted on the top cover.

EU Regulation 874/2012 - Illumination equipment energy classes

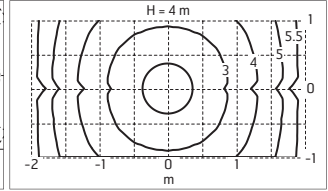
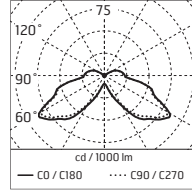
-  **LED VERSION:**
Class A/A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced
-  **METAL HALIDE VERSION:**
Class A+
HIE/E27
-  **FLUORESCENT VERSION:**
Class A
TC-TEL/GX24q-5



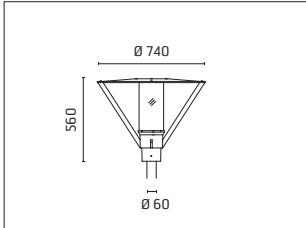
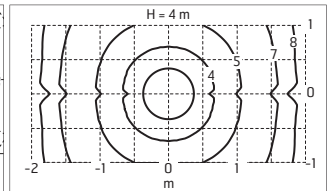
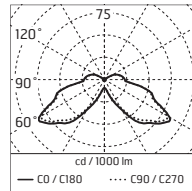
Andrea / Pole Ø 60mm - Transparent Acrylic Diffuser



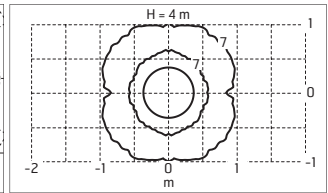
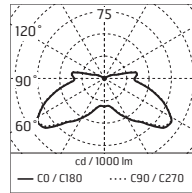
12115320 ⊕ A+
HIE 70W E27



12115420 ⊕ A+
HIE 100W E27



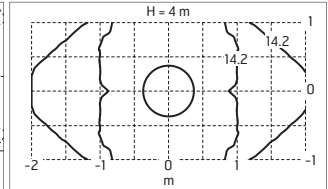
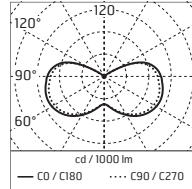
12115520 ⊕ A
TC-TEL 57W Gx24 q-5
Electronic ballast



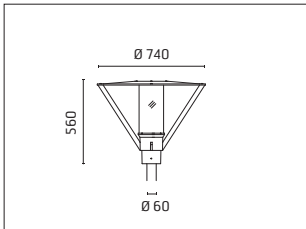
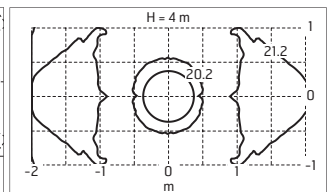
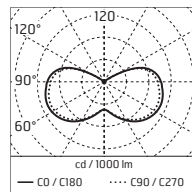
Andrea / Pole Ø 60mm - Opal (inside) Acrylic Diffuser



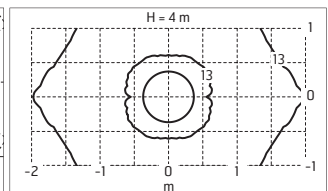
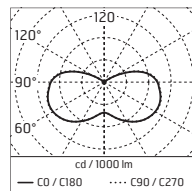
121153112 ⊕ A+
HIE 70W E27



121154112 ⊕ A+
HIE 100W E27



121155112 ⊕ A
TC-TEL 57W Gx24 q-5
Electronic ballast



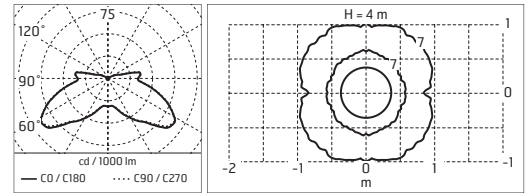
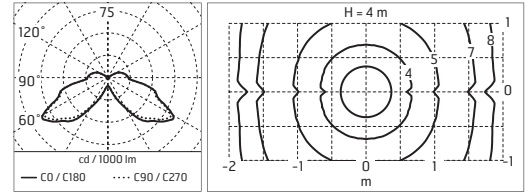
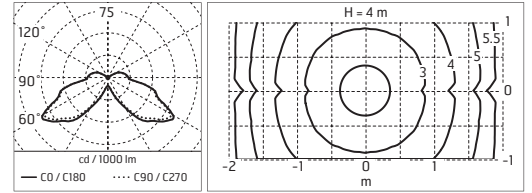
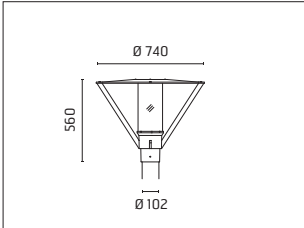
Andrea / Pole Ø 102mm - Transparent Acrylic Diffuser



121153115
HIE 70W E27

121154115
HIE 100W E27

121155115
TC-TEL 57W Gx24 q-5
Electronic ballast



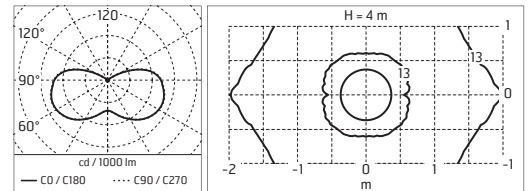
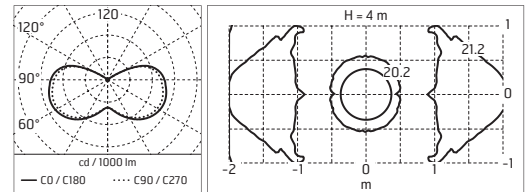
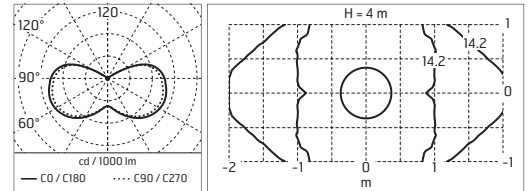
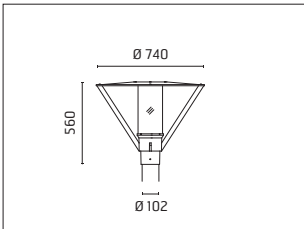
Andrea / Pole Ø 102mm - Opal (inside) Acrylic Diffuser



121153114
HIE 70W E27

121154114
HIE 100W E27

121155114
TC-TEL 57W Gx24 q-5
Electronic ballast



Andrea Power LED / Pole Ø 60mm - Opal (inside) Acrylic Diffuser

**121263112**

COOL WHITE 6000K
POWER LEDs
30x2W/220÷240V
Total power 49W
LED lm 5044 ≠ FIXT lm 3774
CRI >70

Electronic power supply included

121264112

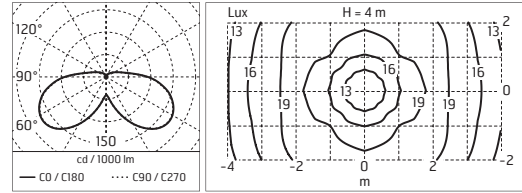
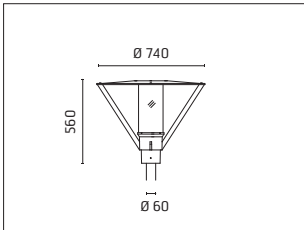
NATURAL WHITE 4000K
POWER LEDs
30x2W/220÷240V
Total power 49W
LED lm 4294 ≠ FIXT lm 3213
CRI >80

Electronic power supply included

121265112

WARM WHITE 3000K
POWER LEDs
30x2W/220÷240V
Total power 49W
LED lm 3881 ≠ FIXT lm 2904
CRI >80

Electronic power supply included



Andrea Power LED / Pole Ø 102mm - Opal (inside) Acrylic Diffuser

**121263114**

COOL WHITE 6000K
POWER LEDs
30x2W/220÷240V
Total power 49W
LED lm 5044 ≠ FIXT lm 3774
CRI >70

Electronic power supply included

121264114

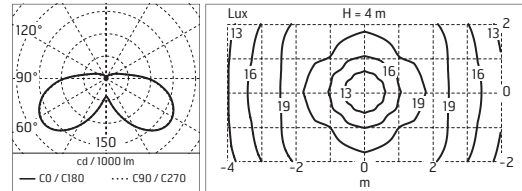
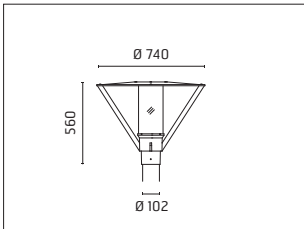
NATURAL WHITE 4000K
POWER LEDs
30x2W/220÷240V
Total power 49W
LED lm 4294 ≠ FIXT lm 3213
CRI >80

Electronic power supply included

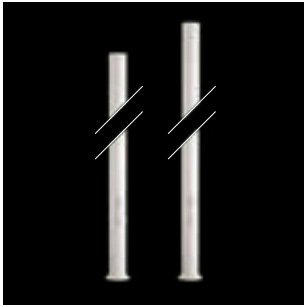
121265114

WARM WHITE 3000K
POWER LEDs
30x2W/220÷240V
Total power 49W
LED lm 3881 ≠ FIXT lm 2904
CRI >80

Electronic power supply included



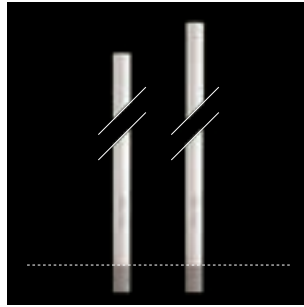
Andrea / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

with Base and Access Door



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

In-Ground (+500 mm Root)
with Access Door

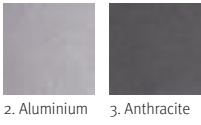
Colours available



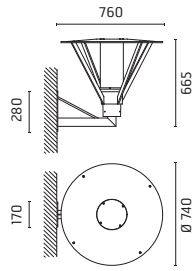
2. Aluminium 3. Anthracite



Andrea Wall Version

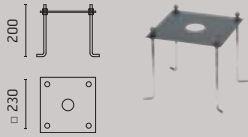


125
WALL BRACKET for Ø60mm head



Accessories: Andrea - Andrea LED

116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



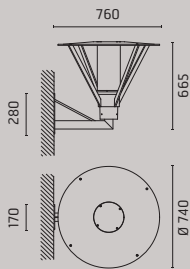
237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



236
2 way terminal block 3 poles IP68
(Ø5,5+12mm cable)



125
WALL BRACKET for Ø60mm head

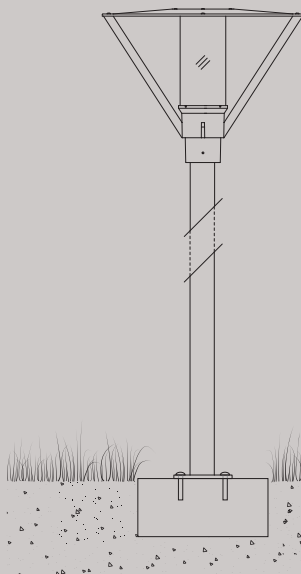


Accessories chart

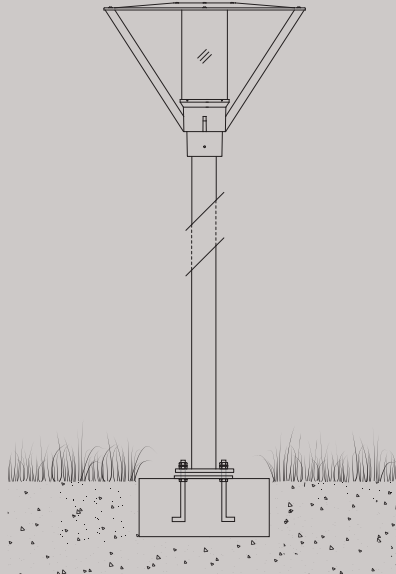
acc. code ▶	116	236	125	237
prod. code ▼				
12115320		•	•	
12115420		•	•	
12115520		•	•	
121153112		•	•	
121153114		•	•	
121153115		•	•	
121154112		•	•	
121154114		•	•	
121154115		•	•	
121155112		•	•	
121155114		•	•	
121155115		•	•	
121263112		•	•	•
121263114		•	•	•
121264112		•	•	•
121264114		•	•	•
121265112		•	•	•
121265114		•	•	•

acc. code ▶	116	236	125	237
prod. code ▼				
Pole				
4140	•			
4145				
4150	•			
4155				

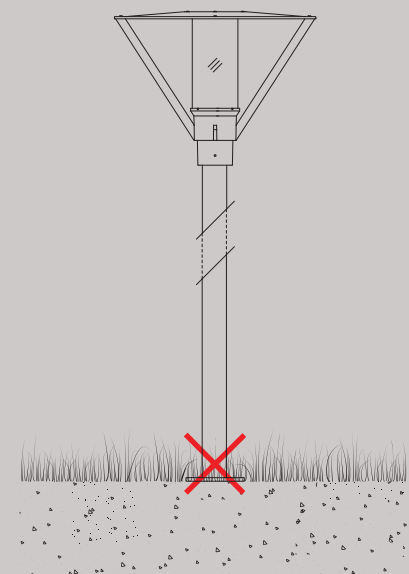
Correct Fixing Method
Bollard fixed on plinth + plug



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground



Martina





Martina LED

Design by Ares Concept

IP67   CE


- Outdoor round spotlight
- Configuration: Turned and anodized or painted aluminium structure with stainless steel adjustable bracket
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass with silkscreen border, nitrile rubber gaskets.
- Glass fixed to the structure through a robotic gluing system.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Martina and MaxiMartina 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Martina and MaxiMartina 24V are protected against polarity reversal and sudden voltage peak.
- Installation requires a SELV equivalent remote power supply.
- MiniMartina, Martina RGB and Maxi Martina RGB: connection in series. Martina and MaxiMartina: connection in parallel
- Installation: the luminaire is equipped with 2 meters neoprene cable fixed to a cable gland placed inside the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes







LED VERSION:
 Class A/A+/A++
 Luminaire supplied
 with integrated LED modules
 which cannot be replaced

 MiniMartina, Martina
and MaxiMartina

8. Anodized
Aluminium

 Martina
and MaxiMartina
ONLY

1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red

 Ceiling lamp	 Wall lamp
 Floor installation	 Pre-wired with approx 2000mm of cable
 Remote device required	 Protection against impact. IK 05 - 0,70 joule MiniMartina IK 07 - 2,00 joule Martina/MaxiMartina

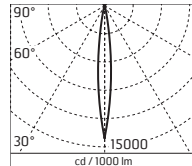
MiniMartina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



1058712 A A+ A++

COOL WHITE 6000K
POWER LED
1x1÷2W/350÷500mA
Total power 1,2W@350mA - 1,7W@500mA
LED lm 130@350mA ≠ FIXT lm 106@350mA
LED lm 178@500mA ≠ FIXT lm 135@500mA
CRI>70

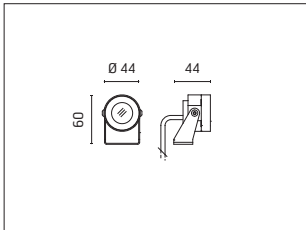
Remote electronic power supply
to be ordered
...!!!l Acc. 129, 184, 185 or 218



350 mA

m	Max	Med
1.00	1496	912
2.00	374	228
3.00	166	101
4.00	94	57
5.00	60	36

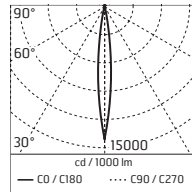
$\alpha=5.0^\circ+5.0^\circ$ $\beta=5.0^\circ+5.0^\circ$



10517112 A A+ A++

NATURAL WHITE 4000K
POWER LED
1x1÷2W/350÷500mA
Total power 1,2W@350mA - 1,7W@500mA
LED lm 112@350mA ≠ FIXT lm 91@350mA
LED lm 153@500mA ≠ FIXT lm 116@500mA
CRI>80

Remote electronic power supply
to be ordered
...!!!l Acc. 129, 184, 185 or 218



500 mA

m	Max	Med
1.00	1900	1157
2.00	475	289
3.00	211	129
4.00	119	72
5.00	76	46

$\alpha=5.0^\circ+5.0^\circ$ $\beta=5.0^\circ+5.0^\circ$

10514412 A A+ A++

WARM WHITE 3000K
POWER LED
1x1÷2W/350÷500mA
Total power 1,2W@350mA - 1,7W@500mA
LED lm 104@350mA ≠ FIXT lm 84@350mA
LED lm 142@500mA ≠ FIXT lm 108@500mA
CRI>80

Remote electronic power supply
to be ordered
...!!!l Acc. 129, 184, 185 or 218

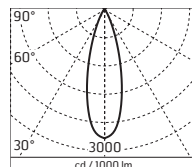
MiniMartina Power LED / Transparent Glass - Adjustable - Medium Beam 30°



1058700 A A+ A++

COOL WHITE 6000K
POWER LED
1x1÷2W/350÷500mA
Total power 1,2W@350mA - 1,7W@500mA
LED lm 130@350mA ≠ FIXT lm 91@350mA
LED lm 178@500mA ≠ FIXT lm 115@500mA
CRI>70

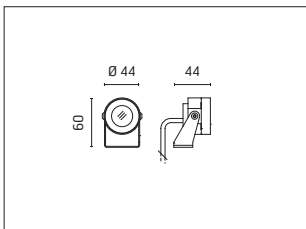
Remote electronic power supply
to be ordered
...!!!l Acc. 129, 184, 185 or 218



350 mA

m	Max	Med
1.00	249	154
2.00	62	39
3.00	28	17
4.00	16	10
5.00	10	6

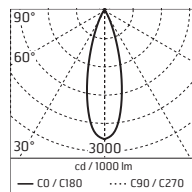
$\alpha=15.0^\circ+15.0^\circ$ $\beta=15.0^\circ+15.0^\circ$



10517100 A A+ A++

NATURAL WHITE 4000K
POWER LED
1x1÷2W/350÷500mA
Total power 1,2W@350mA - 1,7W@500mA
LED lm 112@350mA ≠ FIXT lm 78@350mA
LED lm 153@500mA ≠ FIXT lm 99@500mA
CRI>80

Remote electronic power supply
to be ordered
...!!!l Acc. 129, 184, 185 or 218



500 mA

m	Max	Med
1.00	317	196
2.00	79	449
3.00	35	22
4.00	20	12
5.00	13	8

$\alpha=15.0^\circ+15.0^\circ$ $\beta=15.0^\circ+15.0^\circ$

10514400 A A+ A++

WARM WHITE 3000K
POWER LED
1x1÷2W/350÷500mA
Total power 1,2W@350mA - 1,7W@500mA
LED lm 104@350mA ≠ FIXT lm 73@350mA
LED lm 142@500mA ≠ FIXT lm 92@500mA
CRI>80

Remote electronic power supply
to be ordered
...!!!l Acc. 129, 184, 185 or 218

MiniMartina RGB Power LED / Sandblasted Glass - Adjustable



10517300 A A+ A++

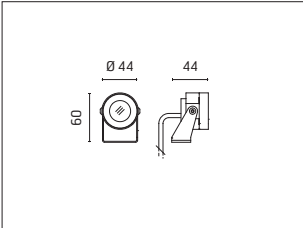
RGB
POWER LED
3W/3CHx350mA
Total power 3.2W

Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB

Max 10 luminaires MINIMARTINA RGB
for each code 141

» See Page 630
Wiring Diagram n.5



Martina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



1057312 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 351
CRI>70

Remote electronic power supply to be ordered

10517212 A A+ A++

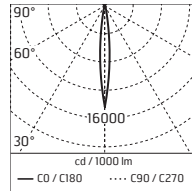
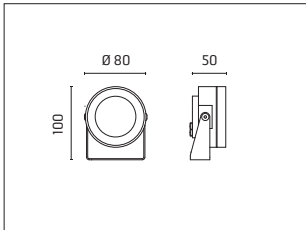
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 298
CRI>80

Remote electronic power supply to be ordered

1055612 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 270
CRI>80

Remote electronic power supply to be ordered



m	Max	Med
1.00	5046	3065
2.00	1261	766
3.00	561	341
4.00	315	192
5.00	202	123

α=5.0°+5.0° β=5.0°+5.0°

10510612 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1÷2W/350÷500mA
Total power 3,6W@350mA - 5,1W@500mA
LED lm 404@350mA ≠ FIXT lm 351@350mA
LED lm 545@500mA ≠ FIXT lm 421@500mA
CRI>70

Remote electronic power supply to be ordered
..:lll Acc. 129, 135, 184 or 218

10519012 A A+ A++

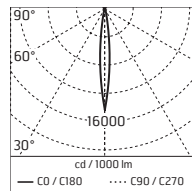
NATURAL WHITE 4000K
POWER LEDs
3x1÷2W/350÷500mA
Total power 3,6W@350mA - 5,1W@500mA
LED lm 344@350mA ≠ FIXT lm 298@350mA
LED lm 464@500mA ≠ FIXT lm 358@500mA
CRI>80

Remote electronic power supply to be ordered
..:lll Acc. 129, 135, 184 or 218

10510712 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1÷2W/350÷500mA
Total power 3,6W@350mA - 5,1W@500mA
LED lm 311@350mA ≠ FIXT lm 270@350mA
LED lm 419@500mA ≠ FIXT lm 324@500mA
CRI>80

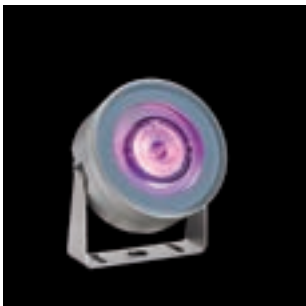
Remote electronic power supply to be ordered
..:lll Acc. 129, 135, 184 or 218



m	Max	Med
1.00	6052	3676
2.00	1513	919
3.00	672	408
4.00	378	230
5.00	242	147

α=5.0°+5.0° β=5.0°+5.0°

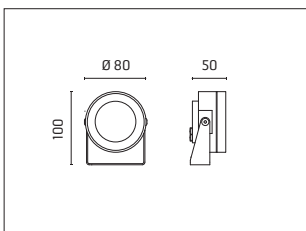
Martina RGB Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10517412 A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply to be ordered

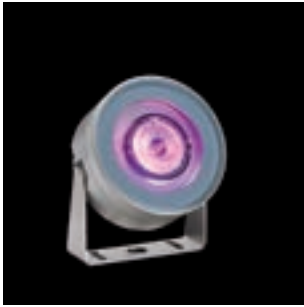


Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA RGB for each code 141

» See Page 630
Wiring Diagram n.5

Martina RGB Power LED / Transparent Glass - Adjustable - Medium Beam 35°



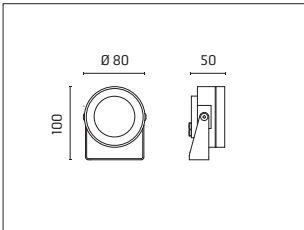
10517400 A A+ A++

RGB
POWER LED
3W/3CHx350mA
Total power 3,2W
Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA RGB
for each code 141

>> See Page 630
Wiring Diagram n.5



Martina Power LED / Transparent Glass - Adjustable - Wide Beam 50°



1057300 A A+ A++

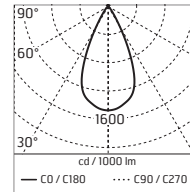
COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 404 ≠ FIXT lm 290
CRI>70
Remote electronic power supply
to be ordered

10517200 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 344 ≠ FIXT lm 247
CRI>80
Remote electronic power supply
to be ordered

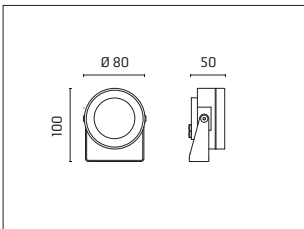
1055600 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 311 ≠ FIXT lm 223
CRI>80
Remote electronic power supply
to be ordered



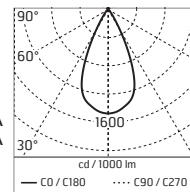
m	Max	Med
1.00	364	214
2.00	91	54
3.00	40	24
4.00	23	13
5.00	15	9

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$



10510600 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1+2W/350÷500mA
Total power 3,6W@350mA - 5,1W@500mA
LED lm 404@350mA ≠ FIXT lm 290@350mA
LED lm 545@500mA ≠ FIXT lm 348@500mA
CRI>70
Remote electronic power supply
to be ordered
...!!!l Acc. 129, 135, 184 or 218



m	Max	Med
1.00	512	302
2.00	128	75
3.00	57	34
4.00	32	19
5.00	20	12

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

10519000 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3x1+2W/350÷500mA
Total power 3,6W@350mA - 5,1W@500mA
LED lm 334@350mA ≠ FIXT lm 247@350mA
LED lm 464@500mA ≠ FIXT lm 296@500mA
CRI>80
Remote electronic power supply
to be ordered
...!!!l Acc. 129, 135, 184 or 218

10510700 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1+2W/350÷500mA
Total power 3,6W@350mA - 5,1W@500mA
LED lm 311@350mA ≠ FIXT lm 223@350mA
LED lm 419@500mA ≠ FIXT lm 268@500mA
CRI>80
Remote electronic power supply
to be ordered
...!!!l Acc. 129, 135, 184 or 218

MaxiMartina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10525312 A A+ A++

COOL WHITE 6000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 1089 ≠ FIXT lm 771
CRI>70

Remote electronic power supply to be ordered

10525412 A A+ A++

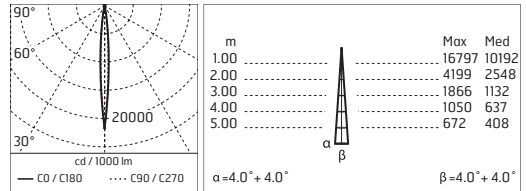
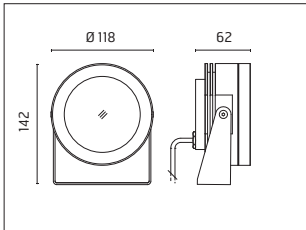
NATURAL WHITE 4000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 927 ≠ FIXT lm 660
CRI>80

Remote electronic power supply to be ordered

10525512 A A+ A++

WARM WHITE 3000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 838 ≠ FIXT lm 596
CRI>80

Remote electronic power supply to be ordered



MaxiMartina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10525012 A A+ A++

COOL WHITE 6000K
POWER LEDs
9x2W/24Vdc
Total power 17W
LED lm 1634 ≠ FIXT lm 1142
CRI>70

Remote electronic power supply to be ordered

10525112 A A+ A++

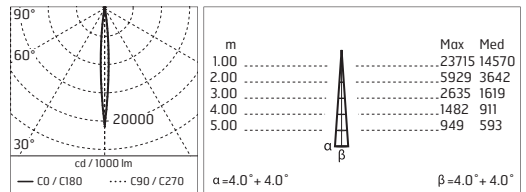
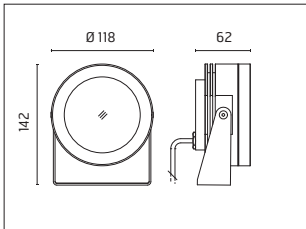
NATURAL WHITE 4000K
POWER LEDs
9x2W/24Vdc
Total power 17W
LED lm 1391 ≠ FIXT lm 978
CRI>80

Remote electronic power supply to be ordered

10525212 A A+ A++

WARM WHITE 3000K
POWER LEDs
9x2W/24Vdc
Total power 17W
LED lm 1258 ≠ FIXT lm 884
CRI>80

Remote electronic power supply to be ordered



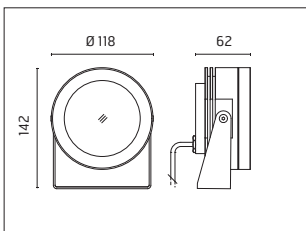
MaxiMartina RGB Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10525612 A A+ A++

RGB
POWER LEDs
4x3W/3CHx350mA
Total power 12,8W

Remote electronic power supply to be ordered



Wiring diagram and installation scheme RGB

Max 2 luminaires MAXIMARTINA RGB for each code 141

» See Page 630
Wiring Diagram n.5

MaxiMartina Power LED / Transparent Glass - Adjustable - Medium Beam 30°



10525300 A A+ A++

COOL WHITE 6000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 1089 ≠ FIXT lm 619
CRI>70

Remote electronic power supply to be ordered

10525400 A A+ A++

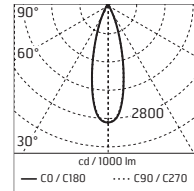
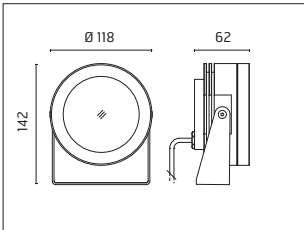
NATURAL WHITE 4000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 927 ≠ FIXT lm 530
CRI>80

Remote electronic power supply to be ordered

10525500 A A+ A++

WARM WHITE 3000K
POWER LEDs
6x2W/24Vdc
Total power 11,8W
LED lm 838 ≠ FIXT lm 479
CRI>80

Remote electronic power supply to be ordered



m	Max	Med
1.00	1674	1037
2.00	419	259
3.00	186	115
4.00	105	65
5.00	67	41

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

MaxiMartina Power LED / Transparent Glass - Adjustable - Medium Beam 30°



10525000 A A+ A++

COOL WHITE 6000K
POWER LEDs
9x2W/24Vdc
Total power 17W
LED lm 1634 ≠ FIXT lm 918
CRI>70

Remote electronic power supply to be ordered

10525100 A A+ A++

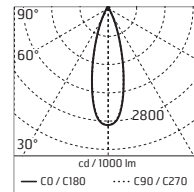
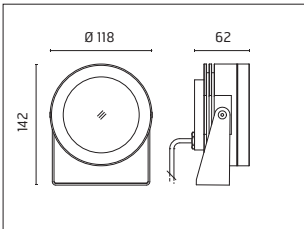
NATURAL WHITE 4000K
POWER LEDs
9x2W/24Vdc
Total power 17W
LED lm 1391 ≠ FIXT lm 786
CRI>80

Remote electronic power supply to be ordered

10525200 A A+ A++

WARM WHITE 3000K
POWER LEDs
9x2W/24Vdc
Total power 17W
LED lm 1258 ≠ FIXT lm 710
CRI>80

Remote electronic power supply to be ordered



m	Max	Med
1.00	2239	1426
2.00	560	357
3.00	249	158
4.00	140	89
5.00	90	57

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

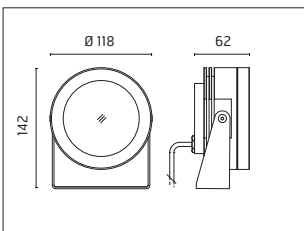
MaxiMartina RGB Power LED / Transparent Glass - Adjustable - Medium Beam 35°



10525600 A A+ A++

RGB
POWER LEDs
4x3W/3CHx350mA
Total power 12,8W

Remote electronic power supply to be ordered



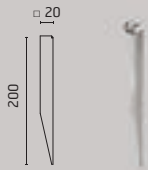
Wiring diagram and installation scheme RGB

Max 2 luminaires MAXIMARTINA RGB for each code 141

>> See Page 630
Wiring Diagram n.5

Accessories: Martina LED

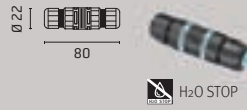
136
GROUND SPIKE - H 200mm



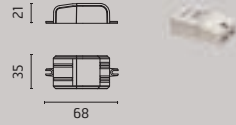
215
3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



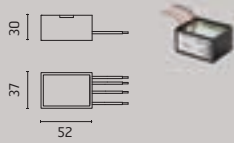
236
2 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



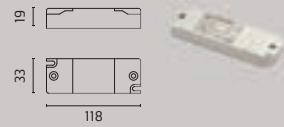
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



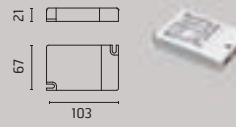
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



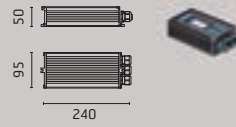
68
POWER SUPPLY 10x1W/100÷265V - Iout 350mA
(7x1W@110V) IP40 CLASS II SELV EQ.



129
POWER SUPPLY 16x1W/110÷240V - Iout 350mA
(12x1W@110V) IP20 CLASS II SELV EQ.



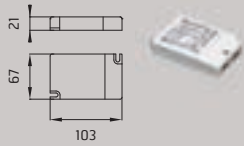
184
POWER SUPPLY 16x1W/110÷240V - Iout 350mA
(12X1W@110V) IP67 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

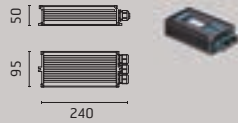
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

135
POWER SUPPLY 13x2W/110÷240V - Iout 500mA
(7x2W@110V) IP20 CLASS II SELV EQ.



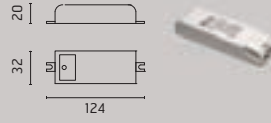
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

218
POWER SUPPLY 13X2W/110÷240V - Iout 500mA
(7X2W@110V) IP67 CLASS II SELV.

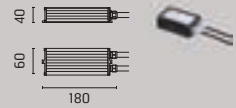


... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

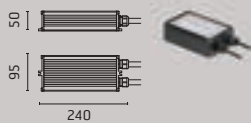
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



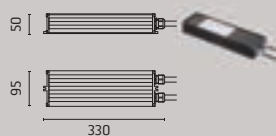
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



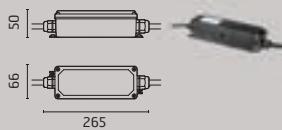
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



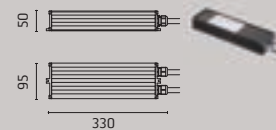
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



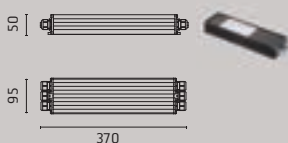
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



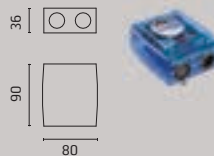
141
POWER SUPPLY with DMX INTERFACE for RGB
fixtures 36W/220÷240V-3CHx350mA
(3CHx10x1W) DMX control allowed
IP67 CLASS I SELV EQ.



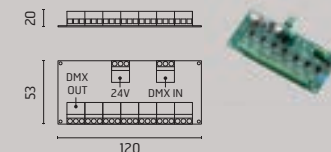
142
DMX CONTROLLER; dimmer switch for
recessed box (60mm hole centres)



143
DMX CONTROLLER; stand-alone/PC interface



187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT AND 7
OUTPUT. 12÷24Vdc POWER SUPPLY TO BE
ORDERED (87 OR 175 RECOMMENDED)



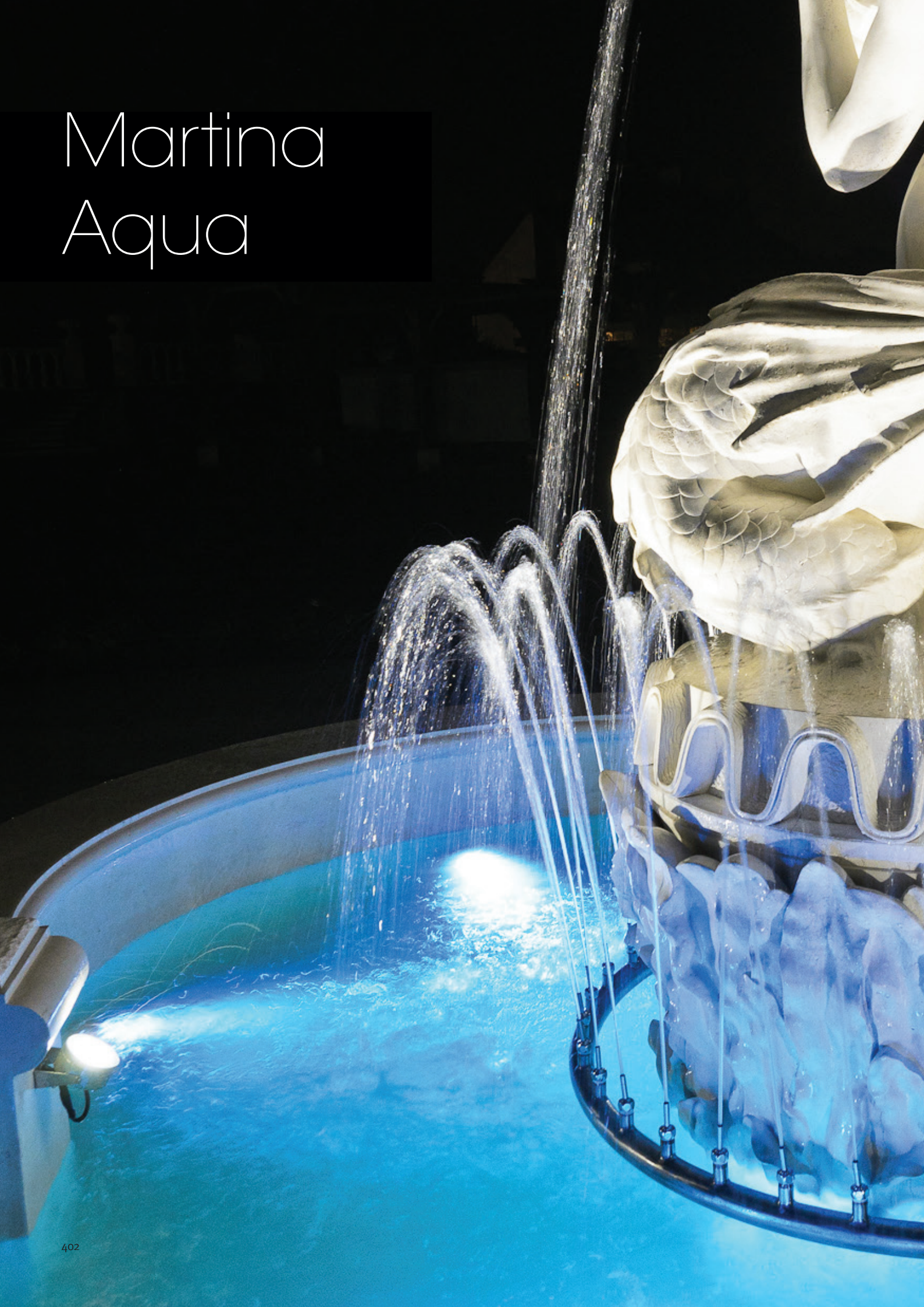
Accessories chart

acc. code ▶	136	215	236	150	106	68	129	184	135	218	87	175	147	155	110	156	141	142	143	187	186	
prod. code ▼																						
MiniMartina																						
1058700	•			•	•	•	•	•	•	•												
1058712	•			•	•	•	•	•	•	•												
10514400	•			•	•	•	•	•	•	•												
10514412	•			•	•	•	•	•	•	•												
10517100	•			•	•	•	•	•	•	•												
10517112	•			•	•	•	•	•	•	•												
10517300	•																	•	•	•	•	•
Martina																						
1055600	•	•	•	•	•						•	•	•	•	•	•						
1055612	•	•	•	•	•						•	•	•	•	•	•						
1057300	•	•	•	•	•						•	•	•	•	•	•						
1057312	•	•	•	•	•						•	•	•	•	•	•						
10510600	•		•	•	•	•	•	•	•	•												
10510612	•		•	•	•	•	•	•	•	•												
10510700	•		•	•	•	•	•	•	•	•												
10510712	•		•	•	•	•	•	•	•	•												
10517200	•	•	•	•	•						•	•	•	•	•	•						
10517212	•	•	•	•	•						•	•	•	•	•	•						
10517400	•																	•	•	•	•	•
10517412	•																	•	•	•	•	•
10519000	•		•	•	•	•	•	•	•	•												
10519012	•		•	•	•	•	•	•	•	•												
MaxiMartina																						
10525000	•	•	•											•	•	•						
10525012	•	•	•											•	•	•						
10525100	•	•	•											•	•	•						
10525112	•	•	•											•	•	•						
10525200	•	•	•											•	•	•						
10525212	•	•	•											•	•	•						
10525300	•	•	•											•	•	•						
10525312	•	•	•											•	•	•						
10525400	•	•	•											•	•	•						
10525412	•	•	•											•	•	•						
10525500	•	•	•											•	•	•						
10525512	•	•	•											•	•	•						
10525600	•																	•	•	•	•	•
10525612	•																	•	•	•	•	•

186
DMX CABLE - SHIELDED TWISTED PAIR WITH
110 Ohm CONSTANT IMPEDANCE.



Martina Aqua





Martina Aqua LED Inox 316L Underwater

Design by Ares Concept

IP68 (1m)   

- Outdoor round spotlight
- Configuration: stainless steel AISI 316L structure with stainless steel adjustable bracket.
- Tempered transparent or sandblasted glass with silkscreen border, nitrile rubber gaskets.
- Glass fixed to the structure through a robotic gluing system.
- Protection rating: IP68 (1m)
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Martina Aqua 24V and MaxiMartina Aqua 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Martina Aqua 24V and MaxiMartina Aqua 24V are protected against polarity reversal and sudden voltage peak.
- Installation requires a SELV equivalent remote power supply.
- MiniMartina Aqua, Martina Aqua RGB and MaxiMartina Aqua RGB: connection in series. Martina Aqua and MaxiMartina Aqua: connection in parallel
- Installation: the luminaire is equipped with 5 meters neoprene cable fixed to a cable gland placed inside the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



o. Inox



Ceiling lamp



Wall lamp



Floor installation



Pre-wired with approx
5000mm of cable



Remote electronic
power supply



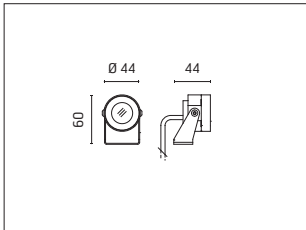
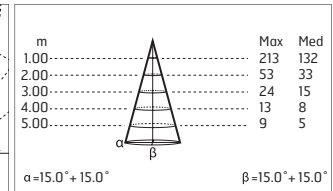
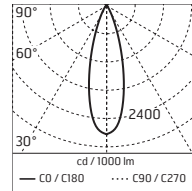
Protection against
impact.
IK 05 - 0,70 joule MiniMartina 316L
IK 07 - 2,00 joule Martina 316L/
MaxiMartina 316L

MiniMartina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 30°

**105171143** A A+ A++

NATURAL WHITE 4000K
POWER LED
1W/350mA
Total power 1,2W
LED lm 112 = FIXT lm 78
CRI>80

Remote electronic power supply
to be ordered
...until Acc. 184



MiniMartina Aqua RGB Power LED / Inox 316L Underwater - Sandblasted Glass - Adjustable

**105173143** A A+ A++

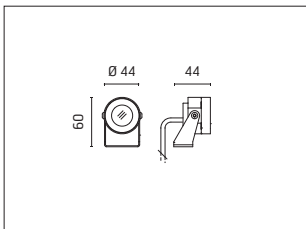
RGB
POWER LED
3W/3CHx350mA
Total power 3,2W

Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB

Max 10 luminaires MINIMARTINA AQUA RGB
for each code 141

» See Page 630
Wiring Diagram n.5



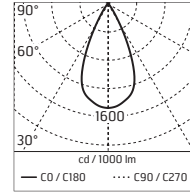
Martina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Wide Beam 50°



105172144 A A+ A++

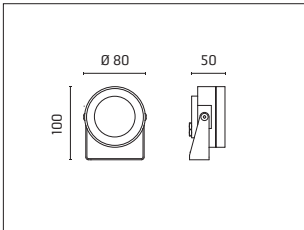
NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 344 ≠ FIXT lm 247
 CRI>80

Remote electronic power supply
 to be ordered

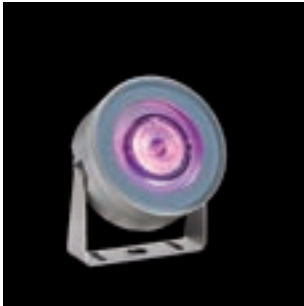


m	Max	Med
1.00	364	214
2.00	91	54
3.00	40	24
4.00	23	13
5.00	15	9

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$



Martina Aqua RGB Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 35°



105174144 A A+ A++

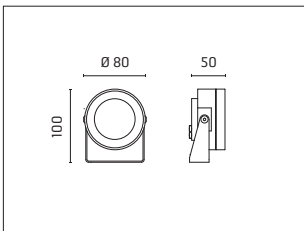
RGB
 POWER LED
 3W/3CHx350mA
 Total power 3.2W

Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA AQUA RGB
 for each code 141

» See Page 630
 Wiring Diagram n.5



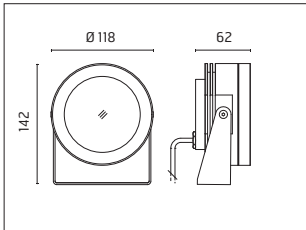
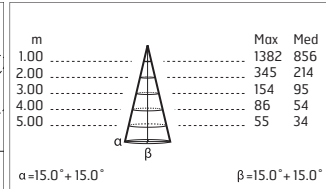
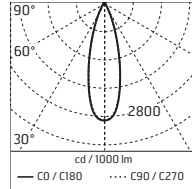
MaxiMartina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 30°



105266145 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
6x1W/24Vdc
Total power 9W
LED lm 687 ≠ FIXT lm 511
CRI>80

Remote electronic power supply to be ordered



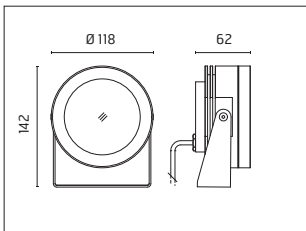
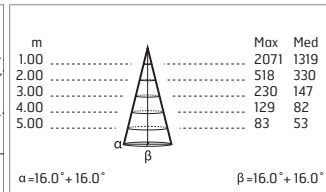
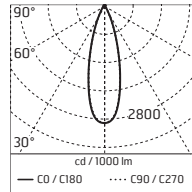
MaxiMartina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 30°



105211145 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
9x1W/24Vdc
Total power 14.7W
LED lm 1031 ≠ FIXT lm 849
CRI>80

Remote electronic power supply to be ordered



MaxiMartina Aqua RGB Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 35°



105256145 A A+ A++

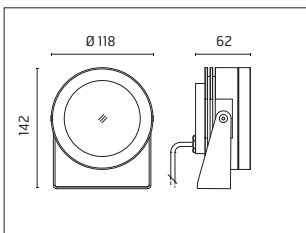
RGB
POWER LEDs
4x3W/3CHx350mA
Total power 12.8W

Remote electronic power supply to be ordered

Wiring diagram and installation scheme RGB

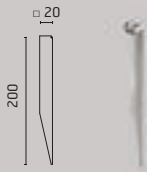
Max 2 luminaires MAXIMARTINA AQUA RGB for each code 141

» See Page 630
Wiring Diagram n.5

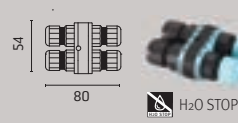


Accessories: Martina LED Inox 316L Underwater

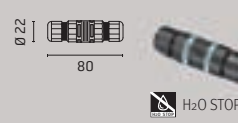
136
GROUND SPIKE - H 200mm



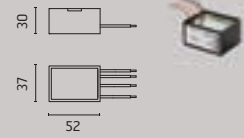
215
3/4 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



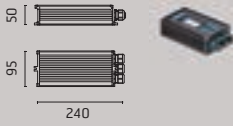
236
2 way terminal block 3 poles IP68
(Ø5,5÷12mm cable)



106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.

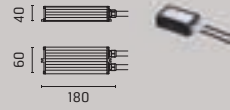


184
POWER SUPPLY 16X1W/110÷240V -
Iout 350mA (12X1W@110V)
IP67 CLASS II SELV.

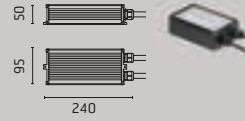


...DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.3

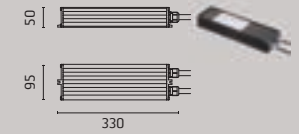
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



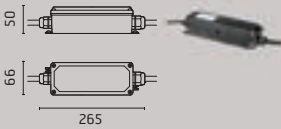
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



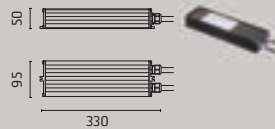
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



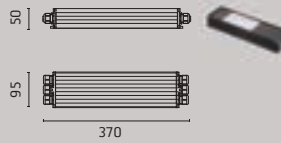
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



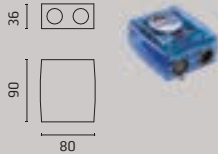
141
POWER SUPPLY with DMX INTERFACE for RGB
fixtures 36W/220÷240V-3CHx350mA
(3CHx10x1W) DMX control allowed
IP67 CLASS I SELV EQ.



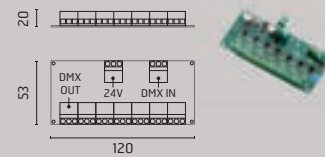
142
DMX CONTROLLER; dimmer switch for
recessed box (60mm hole centres)



143
DMX CONTROLLER; stand-alone/PC interface



187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT AND 7
OUTPUT. 12÷24Vdc POWER SUPPLY TO BE
ORDERED (87 OR 175 RECOMMENDED)



186
DMX CABLE - SHIELDED TWISTED PAIR WITH
110 Ohm CONSTANT IMPEDANCE.



Accessories chart

acc. code ▶	136	215	236	106	184	175	147	155	110	156	141	142	143	187	186
prod. code ▼															
105171143	•			•	•										
105173143	•										•	•	•	•	•
105172144	•	•	•	•		•	•	•	•	•					
105174144	•										•	•	•	•	•
105211145	•	•	•					•	•	•					
105256145	•										•	•	•	•	•
105266145	•	•	•				•	•	•	•					

Theta





Theta LED

Design by Ares Concept

IP65   

- Spotlight for outdoor installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060). 316L stainless steel fixing bracket and methacrylate lens. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are complaint with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Stainless steel cable gland.
- Adjustable beam.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Theta is equipped with 2 meters neoprene cable for an easy-to-make connection (please provide effective insulation on the connection). Theta 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Theta is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Floor installation



Ceiling fitting



Wall fitting



Pre-wired with approx 2000mm of cable.



Remote device required.



Protection against impact.
IK 04 - 0,50 joule

Theta Power LED / Adjustable beam and emission



519001 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 252 ≠ FIXT lm 84
CRI>70

Remote electronic power supply to be ordered

519002 A A+ A++

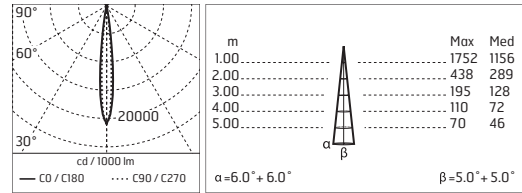
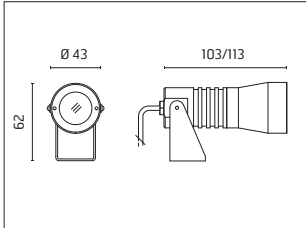
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 252 ≠ FIXT lm 84
CRI>80

Remote electronic power supply to be ordered

519003 A A+ A++

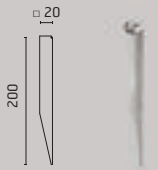
WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 194 ≠ FIXT lm 64
CRI>80

Remote electronic power supply to be ordered

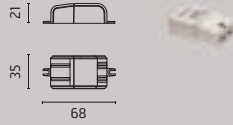


Accessories: Theta LED

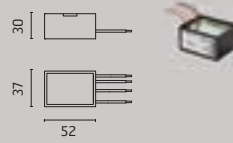
136
GROUND SPIKE - H 200mm



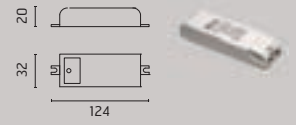
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



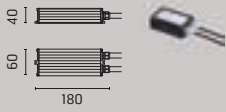
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



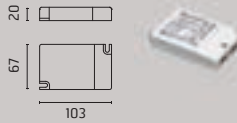
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



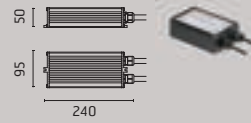
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



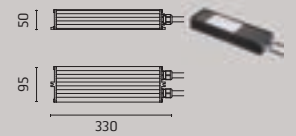
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



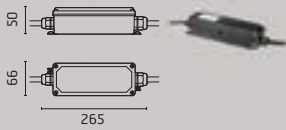
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



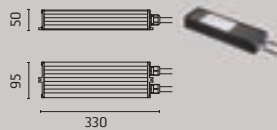
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.

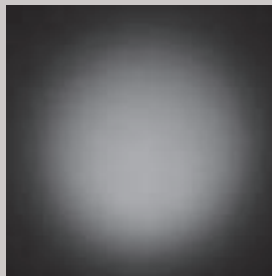
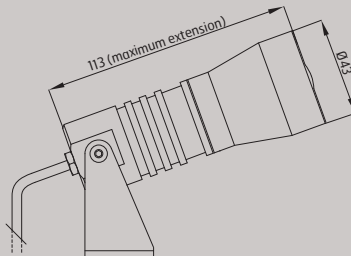
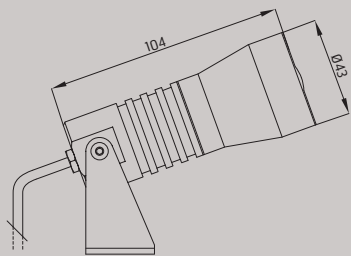


156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	136	150	106	87	175	144	147	155	110	156
prod. code ▼										
519001	•	•	•	•	•	•	•	•	•	•
519002	•	•	•	•	•	•	•	•	•	•
519003	•	•	•	•	•	•	•	•	•	•



Theta

Adjustable Beam



Pi





Pi LED

Design by Ares Concept

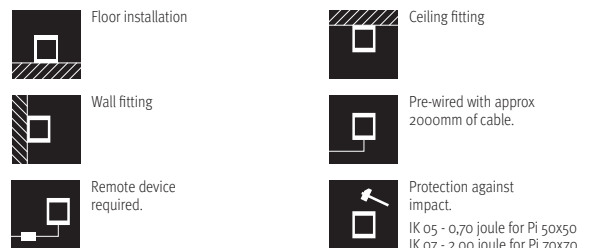
IP65   

- Spotlight for outdoor installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060). 316L stainless steel fixing bracket and extra clear tempered glass with silk-screen finishing. Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Extra clear tempered glass with silkscreen border, fixed to the body by a double-sided tape.
- Nickel-plated brass cable gland.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Pi 50/70 is equipped with 2 meters neoprene cable for an easy-to-make connection (please provide effective insulation on the connection). Pi 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Pi is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Pi Power LED / 50x50mm - Adjustable - Narrow Beam 10°



509001 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI>70

Remote electronic power supply to be ordered

509002 A A+ A++

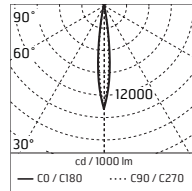
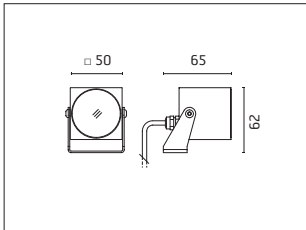
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI>80

Remote electronic power supply to be ordered

509003 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

α = 5.0° + 5.0° β = 5.0° + 5.0°

Pi Power LED / 50x50mm - Adjustable - Medium Beam 30°



509011 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI>70

Remote electronic power supply to be ordered

509012 A A+ A++

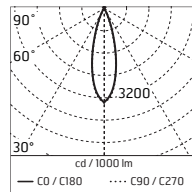
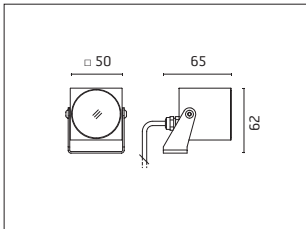
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI>80

Remote electronic power supply to be ordered

509013 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

α = 15.0° + 15.0° β = 15.0° + 15.0°

Pi Power LED / 50x50mm - Adjustable - Narrow Beam 10°



509021 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 268
CRI>70

Remote electronic power supply to be ordered

509022 A A+ A++

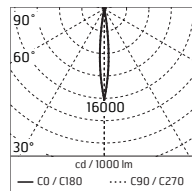
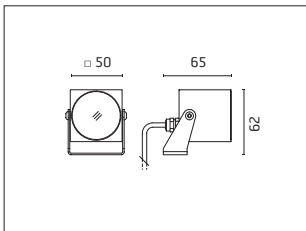
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 258
CRI>80

Remote electronic power supply to be ordered

509023 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 236
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	277	168
5.00	175	108

α = 5.0° + 5.0° β = 5.0° + 5.0°

Pi Power LED / 50x50mm - Adjustable - Medium Beam 30°



509031 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 215
CRI>70

Remote electronic power supply to be ordered

509032 A A+ A++

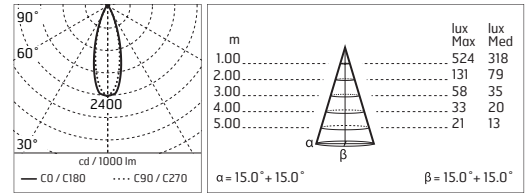
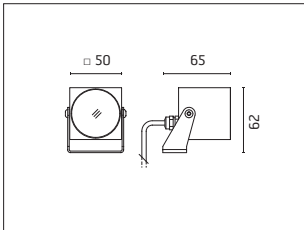
NATURAL WHITE 4000K
POWER LED
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 207
CRI>80

Remote electronic power supply to be ordered

509033 A A+ A++

WARM WHITE 3000K
POWER LED
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 189
CRI>80

Remote electronic power supply to be ordered



Pi Power LED / 70x70mm - Adjustable - Narrow Beam 10°



509041 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 = FIXT lm 408
CRI>70

Remote electronic power supply to be ordered

509042 A A+ A++

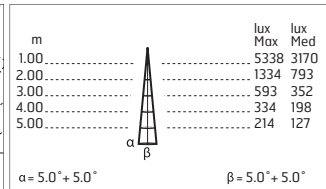
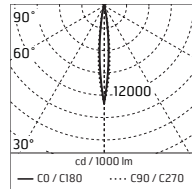
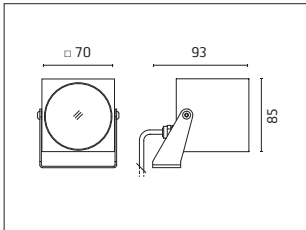
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 464 = FIXT lm 347
CRI>80

Remote electronic power supply to be ordered

509043 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 = FIXT lm 314
CRI>80

Remote electronic power supply to be ordered



Pi Power LED / 70x70mm - Adjustable - Wide Beam 50°



509051 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 545 = FIXT lm 382
CRI>70

Remote electronic power supply to be ordered

509052 A A+ A++

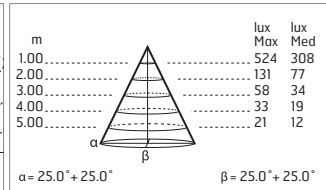
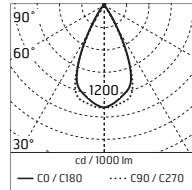
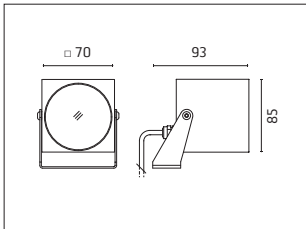
NATURAL WHITE 4000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 464 = FIXT lm 326
CRI>80

Remote electronic power supply to be ordered

509053 A A+ A++

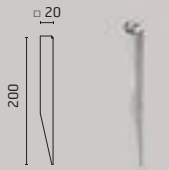
WARM WHITE 3000K
POWER LEDs
3x2W/24Vdc
Total power 5,9W
LED lm 419 = FIXT lm 294
CRI>80

Remote electronic power supply to be ordered

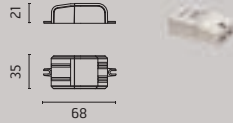


Accessories: Pi LED

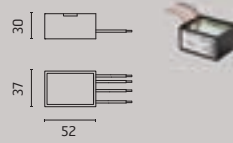
136
GROUND SPIKE - H 200mm



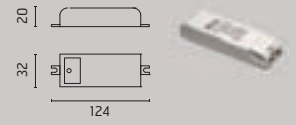
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



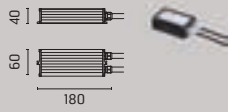
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



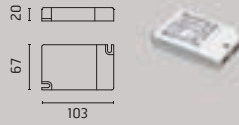
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



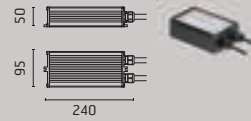
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



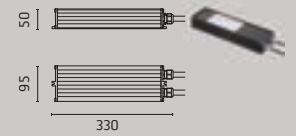
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



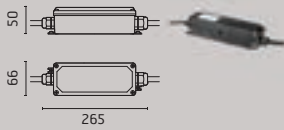
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



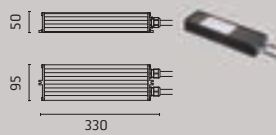
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	136	150	106	87	175	144	147	155	110	156
prod. code ▼										
509001	•	•	•	•	•	•	•	•	•	•
509002	•	•	•	•	•	•	•	•	•	•
509003	•	•	•	•	•	•	•	•	•	•
509011	•	•	•	•	•	•	•	•	•	•
509012	•	•	•	•	•	•	•	•	•	•
509013	•	•	•	•	•	•	•	•	•	•
509022	•	•	•	•	•	•	•	•	•	•
509023	•	•	•	•	•	•	•	•	•	•
509031	•	•	•	•	•	•	•	•	•	•
509032	•	•	•	•	•	•	•	•	•	•
509033	•	•	•	•	•	•	•	•	•	•
509041	•			•	•	•	•	•	•	•
509042	•			•	•	•	•	•	•	•
509043	•			•	•	•	•	•	•	•
509051	•			•	•	•	•	•	•	•
509052	•			•	•	•	•	•	•	•
509053	•			•	•	•	•	•	•	•



Yoda



Yoda

Yoda LED

Design by Ares Concept

Registered Community Design Nr.001145924

IP65   

- Square spotlight for outdoor installation on wall, ground or ceiling.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- The wiring unit and the emitting unit are connected through a pivot allowing rotation around the horizontal and the vertical axis.
- Tempered transparent (with silkscreen border) or sandblasted glass fixed to the aluminium structure through a robotic gluing system. The pivot has a graduated disk and a stainless steel screw to set the position of the emitting unit along the vertical axis, while the horizontal adjustment is based on a self-locking mechanism. Installation on wall through a stainless steel fixing plate.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through an EPDM rubber cable gland (5<Ø<9mm cable). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation on wall requires a dedicated fixing base supplied with the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced

METAL HALIDE VERSION:

Class A+
CDM-TM/PGJ5



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Ceiling fitting



Wall fitting



Floor installation



The fitting is
equipped with
1 cable input

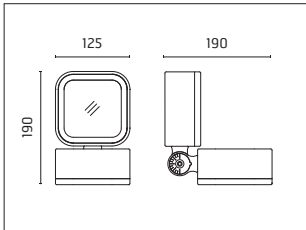
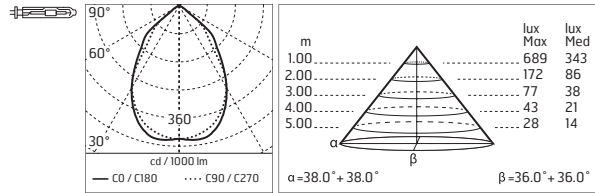


Protection against
impact.
IK 09 - 10,00 joule

Yoda / Transparent Glass - Adjustable



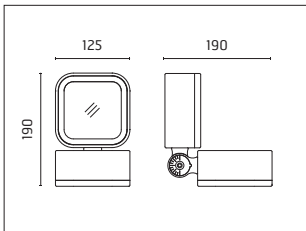
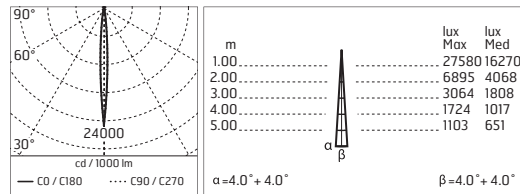
1066600 **A+**
CDM-Tm 20W PGJ5/220÷240V
Electronic ballast



Yoda Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10610912 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
9x1W/220÷240V
Total power 12W
LED lm 1211 ≠ FIXT lm 1103
CRI>70
Electronic power supply included



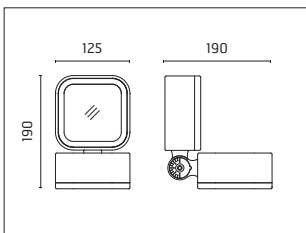
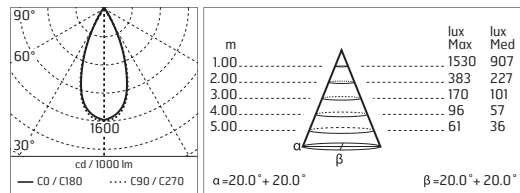
10622812 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
9x1W/220÷240V
Total power 12W
LED lm 1031 ≠ FIXT lm 939
CRI>80
Electronic power supply included

10611012 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
9x1W/220÷240V
Total power 12W
LED lm 932 ≠ FIXT lm 848
CRI>80
Electronic power supply included

Yoda Power LED / Transparent Glass - Adjustable - Medium Beam 40°



10610900 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
9x1W/220÷240V
Total power 12W
LED lm 1211 ≠ FIXT lm 964
CRI>70
Electronic power supply included



10622800 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
9x1W/220÷240V
Total power 12W
LED lm 1031 ≠ FIXT lm 820
CRI>80
Electronic power supply included

10611000 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
9x1W/220÷240V
Total power 12W
LED lm 932 ≠ FIXT lm 742
CRI>80
Electronic power supply included

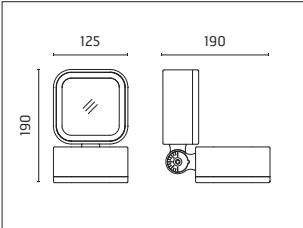
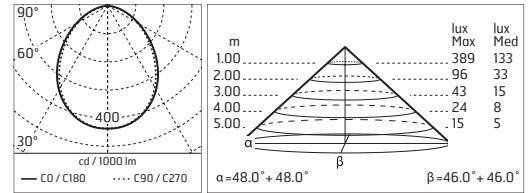
Yoda Mid-Power LED / Adjustable - Sandblasted Glass



1067957 A A+ A++
 COOL WHITE 6000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1178 ≠ FIXT lm 877
 CRI>70
 Electronic power supply included

10618857 A A+ A++
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1136 ≠ FIXT lm 846
 CRI>80
 Electronic power supply included

1068057 A A+ A++
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 LED lm 1094 ≠ FIXT lm 815
 CRI>80
 Electronic power supply included



MID-POWER LED



Accessories: Yoda LED

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
1066600	
1067957	●
1068057	●
10610900	●
10610912	●
10611000	●

acc. code ▶	237
prod. code ▼	
10611012	●
10618857	●
10622800	●
10622812	●

Pan





Pan Pan LED

Design by Ares Concept

IP65    

- Floodlight for outdoor installation on ceiling, wall or ground
- Configuration: die-cast aluminium frame and cap. EN AB-47100 alloy (low copper content). Extruded aluminium structure/pole
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- The wiring unit is fixed to the installation surface and is fully adjustable on the vertical axis, while the emitting unit is fixed to the wiring unit and has a +/-135° rotation on the horizontal axis. Closing tempered transparent glass glued to the aluminium structure (silicone glue)
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I, RGB module: III
- Installation: wiring through two cable holders (5xØ9mm cable) and quick connect terminal block. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Ceiling lamp



Wall lamp



Floor installation



The fitting is
equipped with
2 cable input
Ømax 10 mm



Remote electronic
power supply
for RGB version

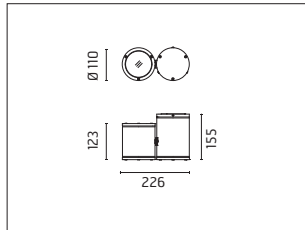
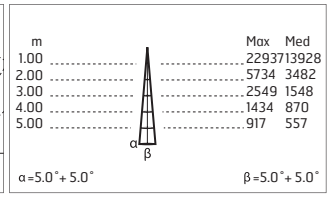
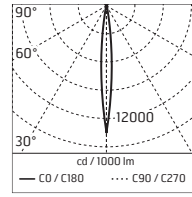


Protection against
impact.
IK 07 - 2,00 joule

Pan / Adjustable - Narrow Beam 10°



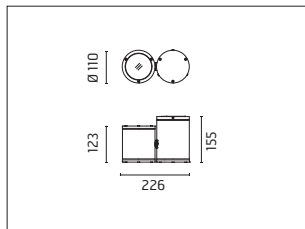
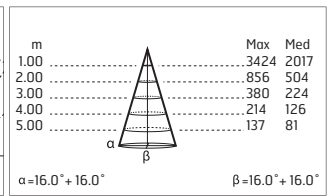
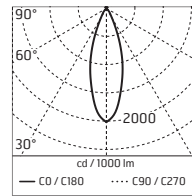
504015 **A**
 HCI-TF 20W GU6,5
 Electronic Ballast



Pan / Adjustable - Medium Beam 30°



504014 **A**
 HCI-TF 20W GU6,5
 Electronic Ballast



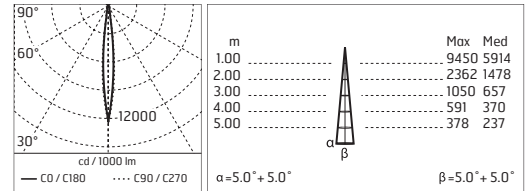
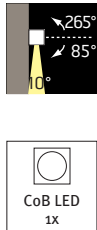
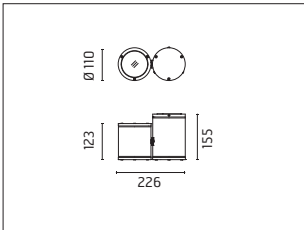
Pan CoB LED / Adjustable - Narrow Beam 10°



504010
 COOL WHITE 6000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1079 ≠ FIXT lm 772
 CRI>70
 Electronic power supply included

504011
 NATURAL WHITE 4000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1025 ≠ FIXT lm 733
 CRI>80
 Electronic power supply included

504012
 WARM WHITE 3000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 933 ≠ FIXT lm 667
 CRI>80
 Electronic power supply included



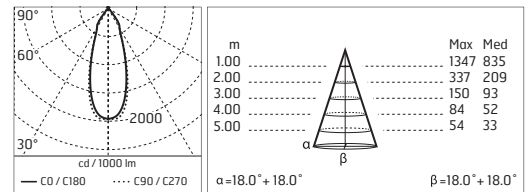
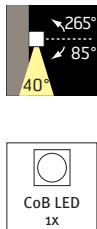
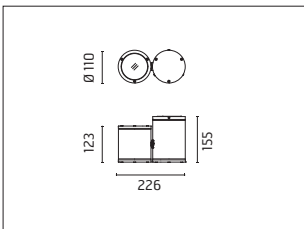
Pan CoB LED / Adjustable - Medium Beam 40°



504007
 COOL WHITE 6000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1079 ≠ FIXT lm 689
 CRI>70
 Electronic power supply included

504008
 NATURAL WHITE 4000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1025 ≠ FIXT lm 654
 CRI>80
 Electronic power supply included

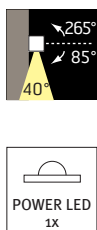
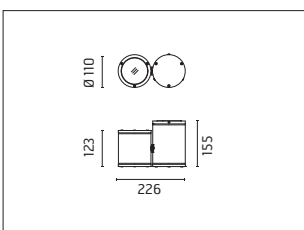
504009
 WARM WHITE 3000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 933 ≠ FIXT lm 596
 CRI>80
 Electronic power supply included



Pan RGB Power LED / Adjustable - Medium Beam 40°



504013
 RGB
 POWER LED
 9W/3CHx350mA
 Total power 9,6W
 Remote electronic power supply
 to be ordered



Wiring diagram and installation scheme RGB

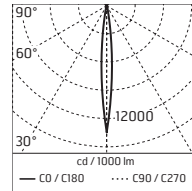
Max 3 luminaires PAN RGB
 for each code 141

» See Page 630
 Wiring Diagram n.5

Pan on Post / Adjustable - Narrow Beam 10°

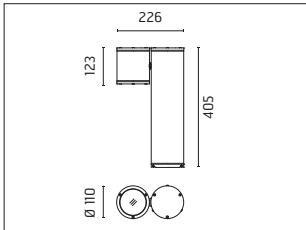


504030  
 HCI-TF 20W GU6,5
 Electronic Ballast



m	Max	Med
1.00	22937	13928
2.00	5734	3482
3.00	2549	1548
4.00	1434	870
5.00	917	557

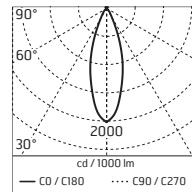
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$



Pan on Post / Adjustable - Medium Beam 30°

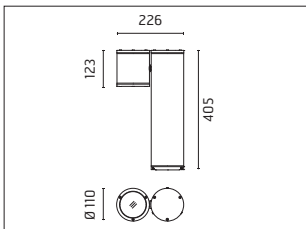


504029  
 HCI-TF 20W GU6,5
 Electronic Ballast



m	Max	Med
1.00	3424	2017
2.00	856	504
3.00	380	224
4.00	214	126
5.00	137	81

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$



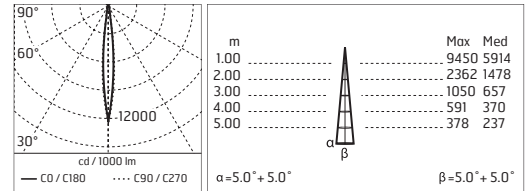
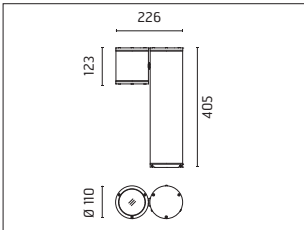
Pan on Post CoB LED / Adjustable - Narrow Beam 10°



504025
 COOL WHITE 6000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1079 ≠ FIXT lm 772
 CRI>70
 Electronic power supply included

504026
 NATURAL WHITE 4000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1025 ≠ FIXT lm 733
 CRI>80
 Electronic power supply included

504027
 WARM WHITE 3000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 933 ≠ FIXT lm 667
 CRI>80
 Electronic power supply included



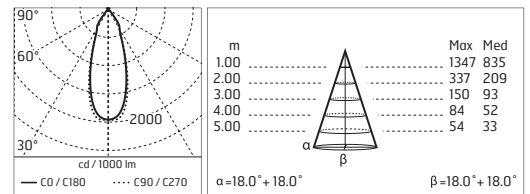
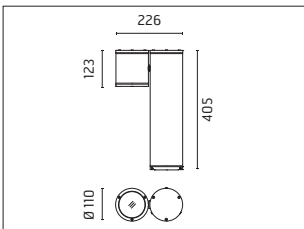
Pan on Post CoB LED / Adjustable - Medium Beam 40°



504022
 COOL WHITE 6000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1079 ≠ FIXT lm 689
 CRI>70
 Electronic power supply included

504023
 NATURAL WHITE 4000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 1025 ≠ FIXT lm 654
 CRI>80
 Electronic power supply included

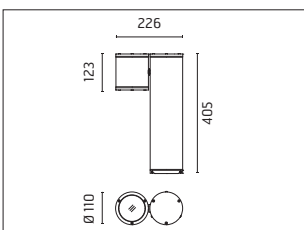
504024
 WARM WHITE 3000K
 CoB LED
 13W/220÷240V
 Total power 16W
 LED lm 933 ≠ FIXT lm 596
 CRI>80
 Electronic power supply included



Pan on Post RGB Power LED / Adjustable - Medium Beam 40°



504028
 RGB
 POWER LED
 9W/3CHx350mA
 Total power 9,6W
 Remote electronic power supply
 to be ordered



Wiring diagram and installation scheme RGB

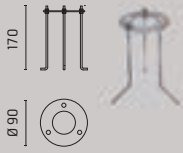
Max 3 luminaires PAN RGB
 for each code 141

» See Page 630
 Wiring Diagram n.5

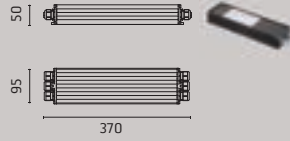


Accessories: Pan - Pan LED

140
BASE PLATE AND FIXING BOLTS
Ø 90 x H 170mm



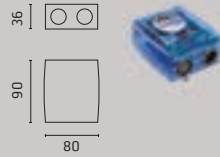
141
POWER SUPPLY with DMX INTERFACE for RGB fixtures 36W/220÷240V-3CHx350mA (3CHx10x1W) DMX control allowed IP67 CLASS I SELV EQ.



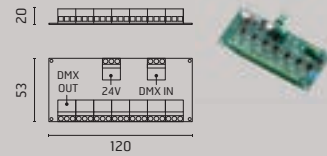
142
DMX CONTROLLER; dimmer switch for recessed box (60mm hole centres)



143
DMX CONTROLLER; stand-alone/PC interface



187
DMX SPLITTER - ELECTRONIC DEVICE TO REGENERATE THE DMX SIGNAL. 1 INPUT AND 7 OUTPUT. 12÷24Vdc POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)



186
DMX CABLE - SHIELDED TWISTED PAIR WITH 110 Ohm CONSTANT IMPEDANCE.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac MAXIMUM DISCHARGE CURRENT 10KA (8/20µs) MAXIMUM OPERATING CURRENT 10A SUITABLE FOR SERIES CONNECTION - IP66

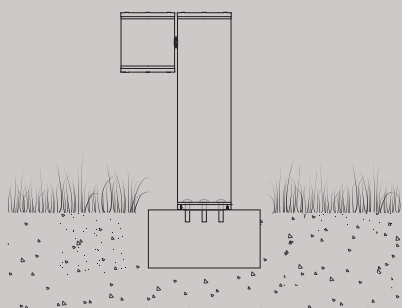


Accessories chart

acc. code ▶	140	141	142	143	187	186	237
prod. code ▼							
504007	●						●
504008	●						●
504009	●						●
504010	●						●
504011	●						●
504012	●						●
504013	●	●	●	●	●	●	
504014	●						
504015	●						
504022	●						●
504023	●						●
504024	●						●
504025	●						●
504026	●						●
504027	●						●
504028	●	●	●	●	●	●	
504029	●						
504030	●						

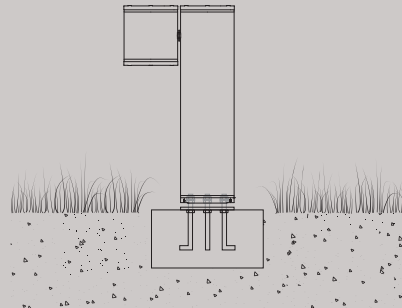
Correct Fixing Method

Bollard fixed on plinth + plug



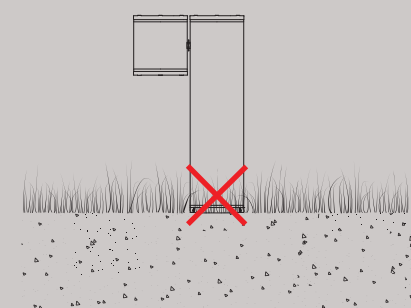
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground



Eclipse

NEW
2015



Eclipse LED

Design by Ares Concept

IP65    

- Slim round LED luminaire for outdoor installation on wall.
- Configuration: die-cast aluminium structure. EN AB 47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are complaint with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Transparent polycarbonate emitting unit and neoprene gasket
- Protection Rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: II; 24V version: III
- Installation: the luminaire is equipped with a piece of neoprene bipolar cable (approx.200mm) for an easy-to-make connection. Direct screwing on surface through stainless steel fixing bracket.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Wall fitting



Pre-wired with approx 200mm of cable

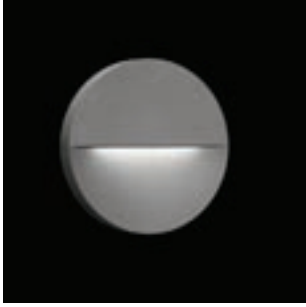



Protection against impact
IK 09 - 10,00 joule





Glow wire test: 650°C

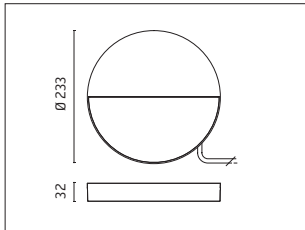
Eclipse Mid-Power LED




542001  **A A+ A++**
 COOL WHITE 6000K
 MID-POWER LEDs
 7,5W/220÷240V
 Total power 10W
 LED lm 580 ≠ FIXT lm 454
 CRI >70
 Electronic power supply included


542002  **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 7,5W/220÷240V
 Total power 10W
 LED lm 551 ≠ FIXT lm 431
 CRI >80
 Electronic power supply included


542003  **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 7,5W/220÷240V
 Total power 10W
 LED lm 523 ≠ FIXT lm 409
 CRI >80
 Electronic power supply included

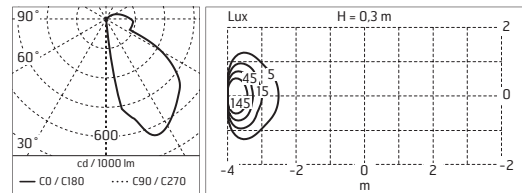
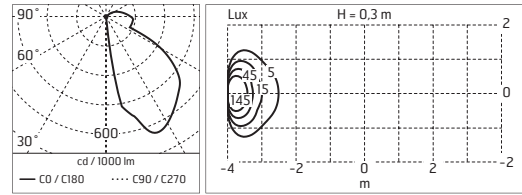


MID-POWER
LED

542004  **A A+ A++**
 COOL WHITE 6000K
 MID-POWER LEDs
 7,5W/24Vdc
 Total power 7,5W
 LED lm 580 ≠ FIXT lm 454
 CRI >70
 Remote electronic power supply
 to be ordered
 ..||| Acc. 144 or 176

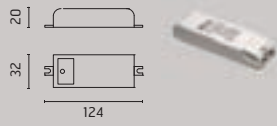
542005  **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 7,5W/24Vdc
 Total power 7,5W
 LED lm 551 ≠ FIXT lm 431
 CRI >80
 Remote electronic power supply to
 be ordered
 ..||| Acc. 144 or 176

542006  **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 7,5W/24Vdc
 Total power 7,5W
 LED lm 523 ≠ FIXT lm 409
 CRI >80
 Remote electronic power supply to
 be ordered
 ..||| Acc. 144 or 176

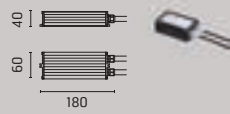


Accessories: Eclipse LED

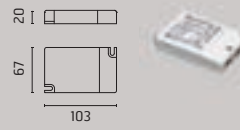
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



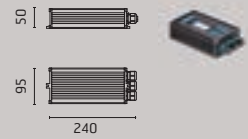
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



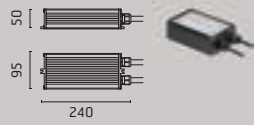
176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



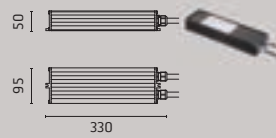
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

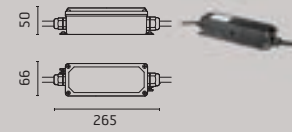
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



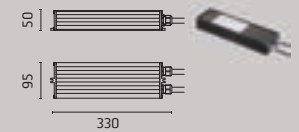
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.

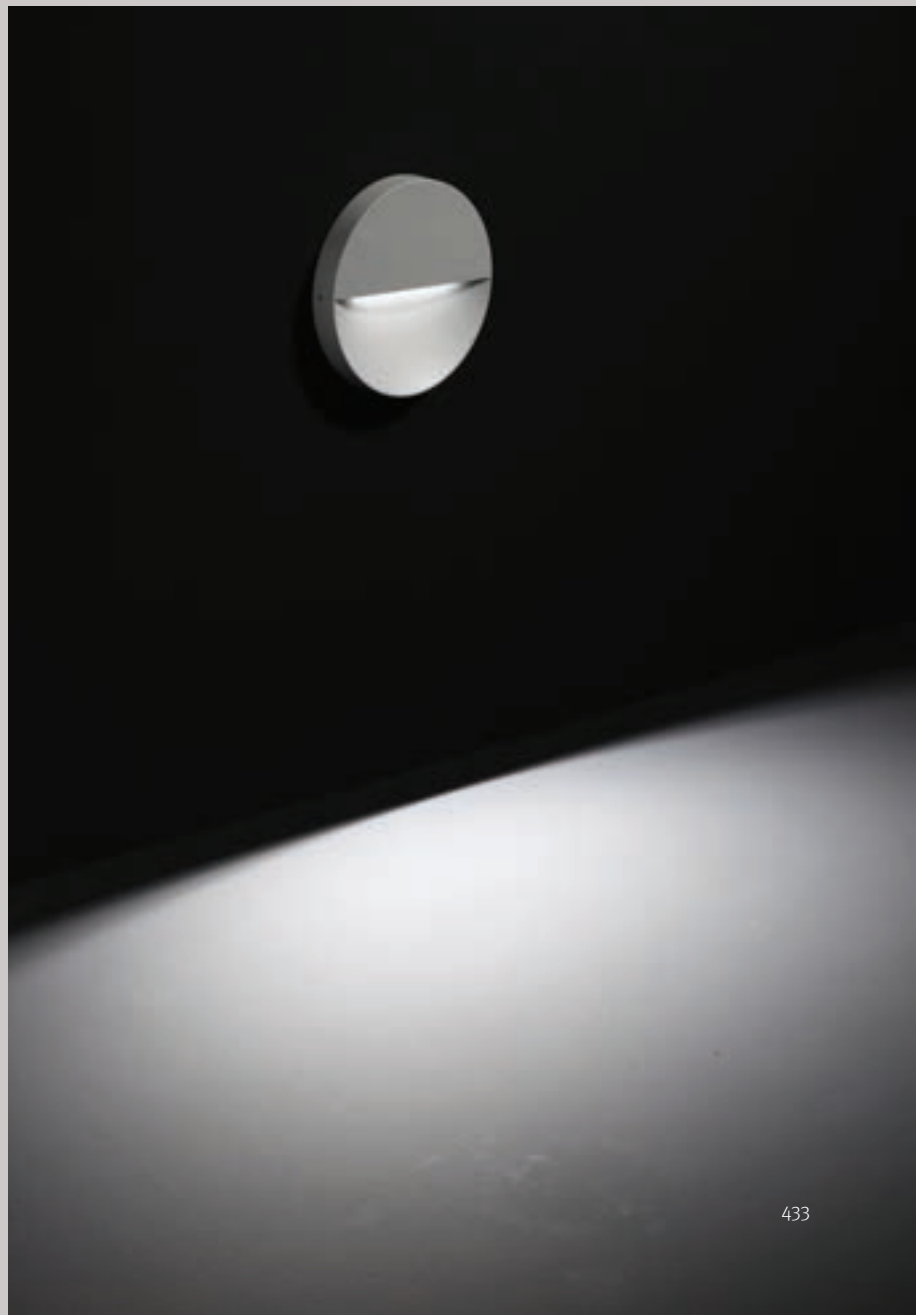


237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	87	175	144	176	147	155	110	156	237
542001									•
542002									•
542003									•
542004	•	•	•	•	•	•	•	•	
542005	•	•	•	•	•	•	•	•	
542006	•	•	•	•	•	•	•	•	



Hyperion





Hyperion LED

Design by Ares Concept

IP65

- Slim rectangular luminaire for outdoor installation on wall.
- Configuration: die-cast structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Moulded polycarbonate emitting unit and polished aluminium cover fixed by double-sided technical tape (to be ordered separately).
- Protection rating: IP65
- In compliance with EN 60598-1
- Class of insulation: mains II; low voltage: III
- Installation: the luminaire is equipped with 200mm of a 2-pole cable for an easy-to-make connection (please provide effective insulation on the connection) – two solutions possible: 24V feeding with remote power supply or 230V feeding with power supply hosted into the fitting.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes

A⁺⁺
A⁺
A

LED VERSION:
 Class A/A+/A++
 Luminaire supplied
 with integrated LED modules
 which cannot be replaced



Wall fitting	Pre-wired with approx 200mm of cable.
Remote device required for low voltage version	Protection against impact. IK 09 - 10,00 joule

Hyperion Mid-Power LED

**527001** **A A+ A++**

COOL WHITE 6000K
MID-POWER LEDs
7,5W/220÷240V
Total power 10W
LED lm 782 ÷ FIXT lm 391
CRI>70

Electronic power supply included

527002 **A A+ A++**

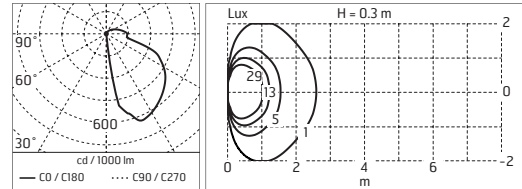
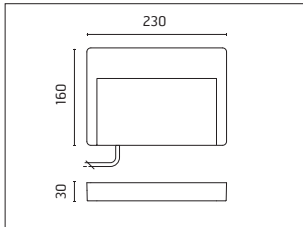
NATURAL WHITE 4000K
MID-POWER LEDs
7,5W/220÷240V
Total power 10W
LED lm 754 ÷ FIXT lm 377
CRI>80

Electronic power supply included

527003 **A A+ A++**

WARM WHITE 3000K
MID-POWER LEDs
7,5W/220÷240V
Total power 10W
LED lm 726 ÷ FIXT lm 363
CRI>80

Electronic power supply included

**527011** **A A+ A++**

COOL WHITE 6000K
MID-POWER LEDs
7,5W/24Vdc
Total power 7,5W
LED lm 782 ÷ FIXT lm 391
CRI>70

Remote electronic power supply to be ordered
..illl Acc. 144 or 176

527012 **A A+ A++**

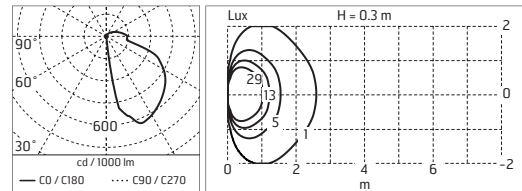
NATURAL WHITE 4000K
MID-POWER LEDs
7,5W/24Vdc
Total power 7,5W
LED lm 754 ÷ FIXT lm 377
CRI>80

Remote electronic power supply to be ordered
..illl Acc. 144 or 176

527013 **A A+ A++**

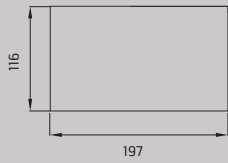
WARM WHITE 3000K
MID-POWER LEDs
7,5W/24Vdc
Total power 7,5W
LED lm 726 ÷ FIXT lm 363
CRI>80

Remote electronic power supply to be ordered
..illl Acc. 144 or 176



Accessories: Hyperion LED

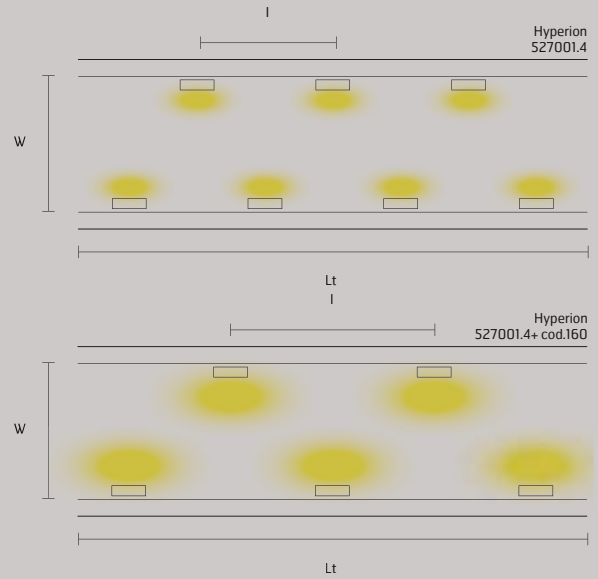
160
SATIN ALUMINIUM CARTER
THICKNESS 0.5mm



LAMP.4

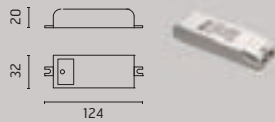


LAMP.4+cod.160 **+20% lm**

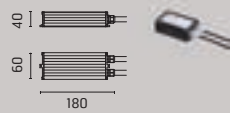


Hyperion	Lt	W	I	Em	Emin	Emax
527001.4	15	2	4	31	0.31	502
527001.4 + cod.160	15	2	6	31	0.52	635

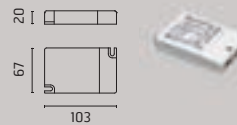
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.

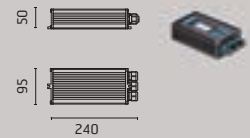


144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



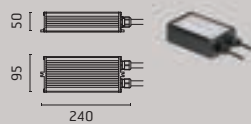
DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.

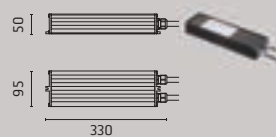


DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

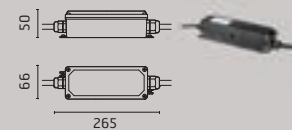
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



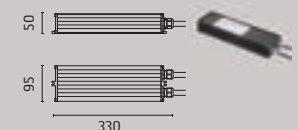
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W/120÷240V - 24Vdc
IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	160	87	175	144	176	147	155	110	156	237
prod. code ▼										
527001	•									•
527002	•									•
527003	•									•
527011	•	•	•	•	•	•	•	•	•	
527012	•	•	•	•	•	•	•	•	•	
527013	•	•	•	•	•	•	•	•	•	

Giulia

NEW
2015



Giulia LED

Design by Ares Concept

IP65   CE

- Round LED luminaire for installation outdoor and indoor on wall or ceiling. Three sizes available.
- Configuration: die-cast aluminium structure and die-cast aluminium frames and caps. EN AB 47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Opal polycarbonate diffuser with satin finish for a very high light emission uniformity ratio. Expanded silicone gasket.
- Protection Rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: Giulia is equipped with two IP67 EPDM cable holders and a three-pole quick-connection terminal. Giulia 200 and Giulia 300: 5xø10mm cables. Giulia 400: 6xø13mm cables.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Ceiling fitting



Wall fitting

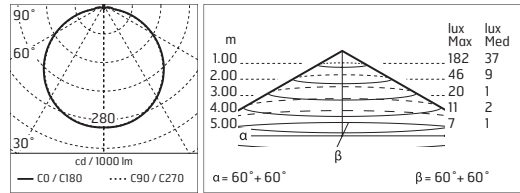
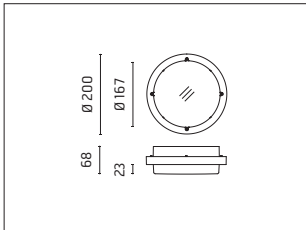
The fitting is equipped
with 2 cable inputProtection against
impact.
IK 08- 5,00 joule

Giulia200 Mid-Power LED



544001 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220-240V
 Total power 11W
 LED lm 991 ≠ FIXT lm 617
 CRI>80
 Electronic power supply included

544002 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220-240V
 Total power 11W
 LED lm 932 ≠ FIXT lm 580
 CRI>80
 Electronic power supply included

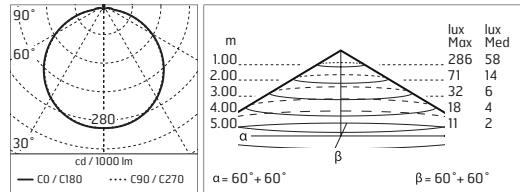
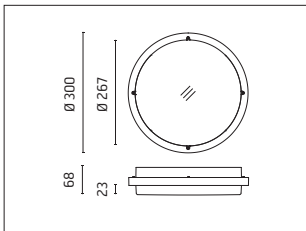


Giulia300 Mid-Power LED



544003 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1610 ≠ FIXT lm 968
 CRI>80
 Electronic power supply included
 ...||| Dimmable on request

544004 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220-240V
 Total power 18W
 LED lm 1515 ≠ FIXT lm 910
 CRI>80
 Electronic power supply included
 ...||| Dimmable on request

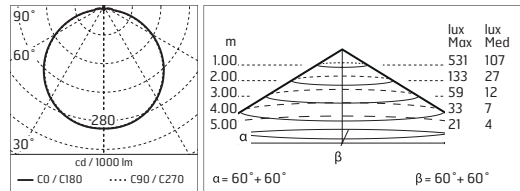
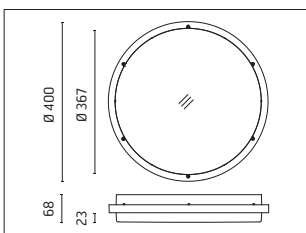


Giulia400 Mid-Power LED



544005 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 30W/110-240V
 Total power 34W
 LED lm 3190 ≠ FIXT lm 1800
 CRI>80
 Electronic power supply included
 ...||| Dimmable on request

544006 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 30W/110-240V
 Total power 34W
 LED lm 3005 ≠ FIXT lm 1695
 CRI>80
 Electronic power supply included
 ...||| Dimmable on request





Accessories: Giulia LED

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
544001	•
544002	•
544003	•
544004	•
544005	•
544006	•

Arcadia

NEW
2015



Arcadia

Arcadia LED

Design by Ares Concept

IP65    

- Linear LED luminaire for installation outdoor (wall and ceiling)
- Configuration: die-cast aluminium closing ends, EN AB 47100 alloy (low copper content), extruded aluminium structure and zinc coated steel fixing brackets (80mm or 200mm).
- Double layer coating for high resistance to corrosion: The aluminium parts are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- The electrical components are installed on a removable frame accessible by unscrewing the aluminium closing ends.
- Adjustable light emission on the horizontal axis.
- Tempered transparent extra-clear glass with silkscreen border. The glass is fixed to the aluminium structure through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I ; RGB: III
- Installation: The luminaire is equipped with two M16 cableglands, one is pre-wired with a piece of neoprene cable (approx.500mm) for a fast connection to the mains and the other is closed with a removable cap.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes

A++

LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced

A+

A

A+

FLUORESCENT VERSION:

Class A+

T16/G5



1. White



2. Aluminium



3. Anthracite



4. Black



9. Rust-red



Wall fitting



Ceiling fitting



The fitting is equipped with 1 cable (500mm) and 1 M16 cable gland

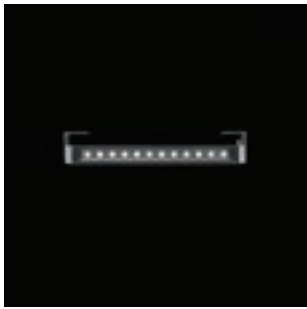


Remote device for RGB versions



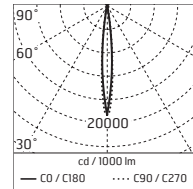
Protection against impact.
IK 07 - 2,00 joule

Arcadia640 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°



545001
 COOL WHITE 6000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1560 ≠ FIXT lm 1285
 CRI>70

Electronic power supply included

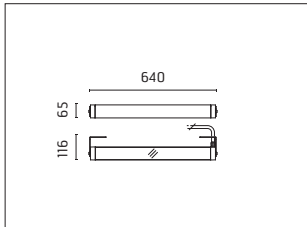
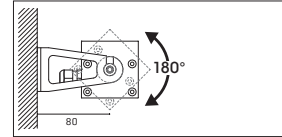


m	lux	
	Max	Med
1.00	23915	14536
2.00	5979	3634
3.00	2657	1615
4.00	1495	909
5.00	957	581

$\alpha=5.0^\circ+5.0^\circ$ $\beta=5.0^\circ+5.0^\circ$

545002
 NATURAL WHITE 4000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1344 ≠ FIXT lm 1107
 CRI>80

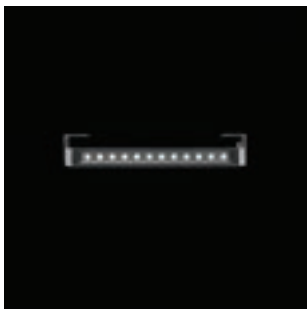
Electronic power supply included



545003
 WARM WHITE 3000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1248 ≠ FIXT lm 1028
 CRI>80

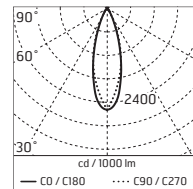
Electronic power supply included

Arcadia640 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 30°



545004
 COOL WHITE 6000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1560 ≠ FIXT lm 1349
 CRI>70

Electronic power supply included

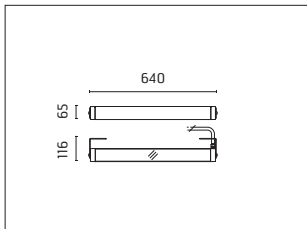
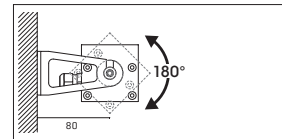


m	lux	
	Max	Med
1.00	3501	1983
2.00	875	496
3.00	389	220
4.00	219	124
5.00	140	79

$\alpha=15.0^\circ+15.0^\circ$ $\beta=15.0^\circ+15.0^\circ$

545005
 NATURAL WHITE 4000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1344 ≠ FIXT lm 1162
 CRI>80

Electronic power supply included



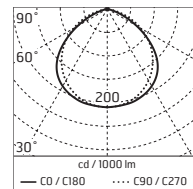
545006
 WARM WHITE 3000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1248 ≠ FIXT lm 1079
 CRI>80

Electronic power supply included

Arcadia640 / With Brackets L 80mm - Transparent Glass - Adjustable

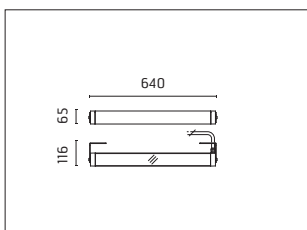
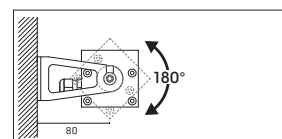


545007
 T16 14W G5
 Electronic ballast

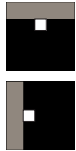
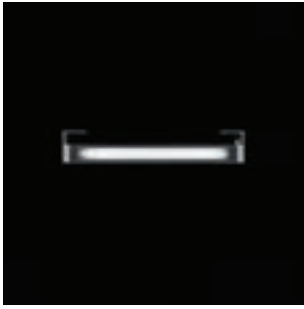


m	lux	
	Max	Med
1.00	283	79
2.00	71	20
3.00	31	9
4.00	18	5
5.00	11	3

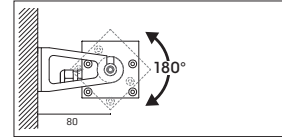
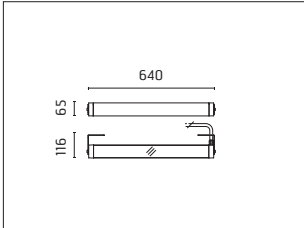
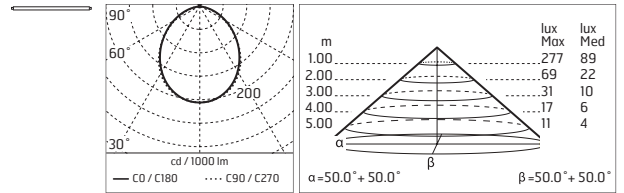
$\alpha=55.0^\circ+55.0^\circ$ $\beta=55.0^\circ+55.0^\circ$



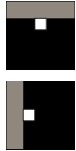
Arcadia640 / With Brackets L 80mm - Sandblasted Glass - Adjustable



545008
 T16 14W G5
 Electronic ballast



Arcadia640 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable

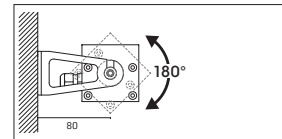
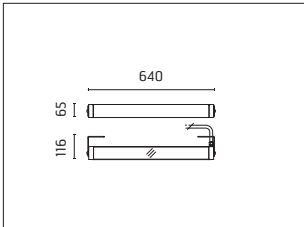


545009
 RGB
 POWER LEDs
 6x3x1W/48V
 with DMX interface
 Total power 28W
 Remote electronic power supply
 to be ordered

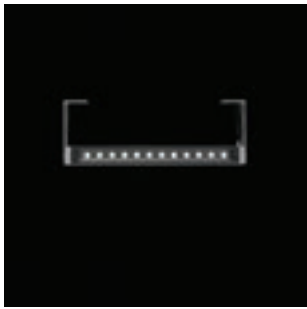
Wiring diagram and installation scheme RGB

Max 2 luminaires ARCADIA RGB
 for each code 149

» See Page 631
 Wiring Diagram n.7



Arcadia640 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545010 \oplus **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1560 ≠ FIXT lm 1285
 CRI>70

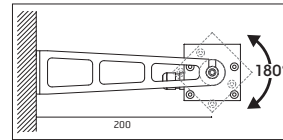
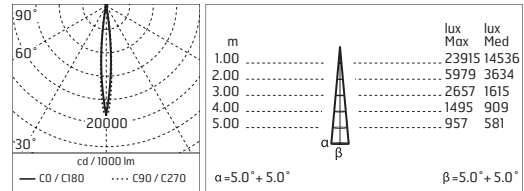
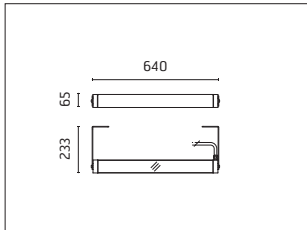
Electronic power supply included

545011 \oplus **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1344 ≠ FIXT lm 1107
 CRI>80

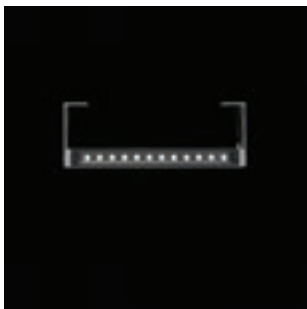
Electronic power supply included

545012 \oplus **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1248 ≠ FIXT lm 1028
 CRI>80

Electronic power supply included



Arcadia640 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 30°



545013 \oplus **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1560 ≠ FIXT lm 1349
 CRI>70

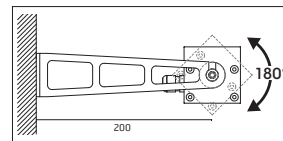
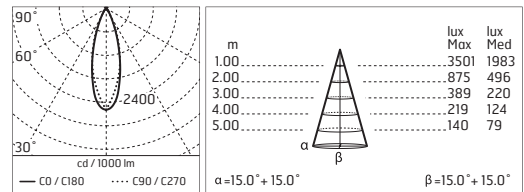
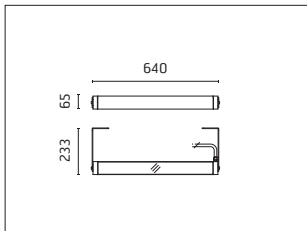
Electronic power supply included

545014 \oplus **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1344 ≠ FIXT lm 1162
 CRI>80

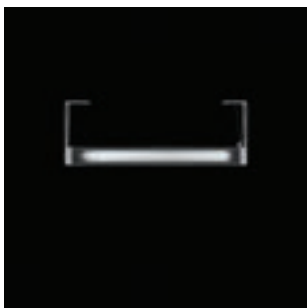
Electronic power supply included

545015 \oplus **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 12x1W/220÷240V
 Total power 16W
 LED lm 1248 ≠ FIXT lm 1079
 CRI>80

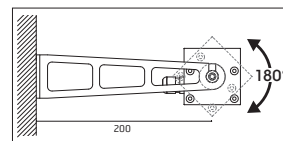
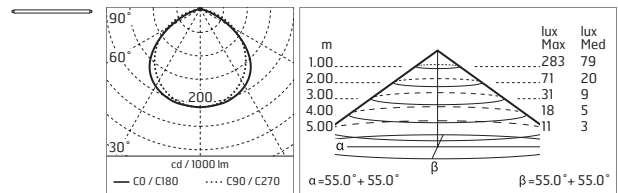
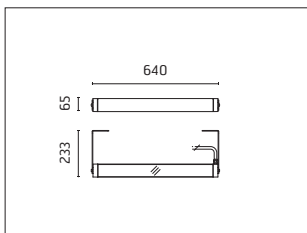
Electronic power supply included



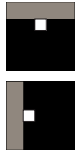
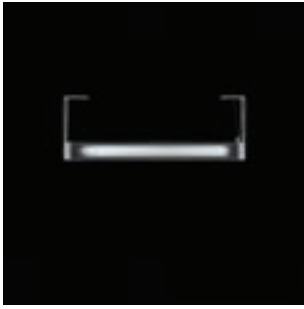
Arcadia640 / With Brackets L 200mm - Transparent Glass - Adjustable



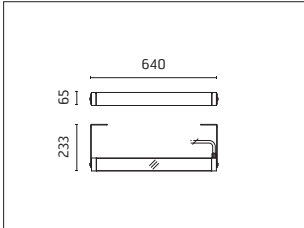
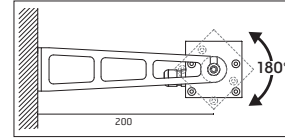
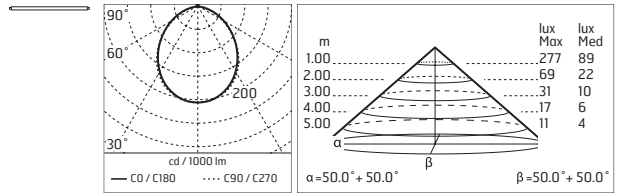
545016 \oplus **A+**
 T16 14W G5
 Electronic ballast



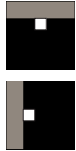
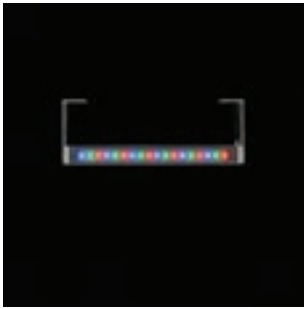
Arcadia640 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545017
 T16 14W G5
 Electronic ballast



Arcadia640 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable

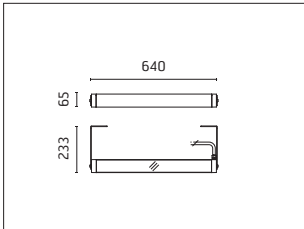
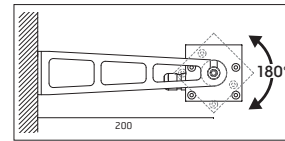


545018
 RGB
 POWER LEDs
 6x3x1W/48V
 with DMX interface
 Total power 28W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB

Max 2 luminaires ARCADIA RGB
 for each code 149

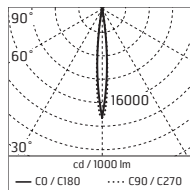
» See Page 631
 Wiring Diagram n.7



Arcadia940 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°



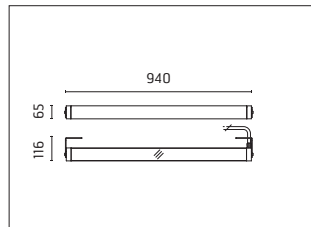
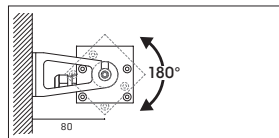
545019
 COOL WHITE 6000K
 POWER LEDs
 18x1W/220=240V
 Total power 24W
 LED lm 2340 ≠ FIXT lm 1928
 CRI>70
 Electronic power supply included



m	lux	
	Max	Med
1.00	35881	21810
2.00	8970	5453
3.00	3987	2423
4.00	2243	1363
5.00	1435	872

$\alpha=5.0^\circ+5.0^\circ$ $\beta=5.0^\circ+5.0^\circ$

545020
 NATURAL WHITE 4000K
 POWER LEDs
 18x1W/220=240V
 Total power 24W
 LED lm 2016 ≠ FIXT lm 1661
 CRI>80
 Electronic power supply included



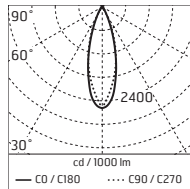
545021
 WARM WHITE 3000K
 POWER LEDs
 18x1W/220=240V
 Total power 24W
 LED lm 1872 ≠ FIXT lm 1542
 CRI>80
 Electronic power supply included



Arcadia940 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 30°



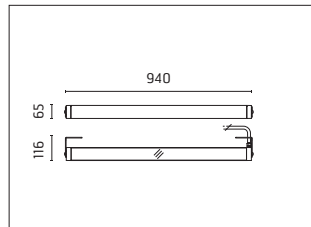
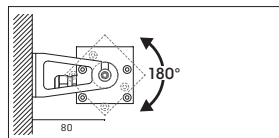
545022
 COOL WHITE 6000K
 POWER LEDs
 18x1W/220=240V
 Total power 24W
 LED lm 2340 ≠ FIXT lm 2024
 CRI>70
 Electronic power supply included



m	lux	
	Max	Med
1.00	5252	2974
2.00	1313	744
3.00	584	330
4.00	328	186
5.00	210	119

$\alpha=15.0^\circ+15.0^\circ$ $\beta=15.0^\circ+15.0^\circ$

545023
 NATURAL WHITE 4000K
 POWER LEDs
 18x1W/220=240V
 Total power 24W
 LED lm 2016 ≠ FIXT lm 1744
 CRI>80
 Electronic power supply included



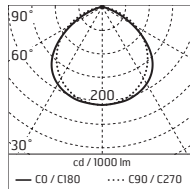
545024
 WARM WHITE 3000K
 POWER LEDs
 18x1W/220=240V
 Total power 24W
 LED lm 1872 ≠ FIXT lm 1619
 CRI>80
 Electronic power supply included



Arcadia940 / With Brackets L 80mm - Transparent Glass - Adjustable

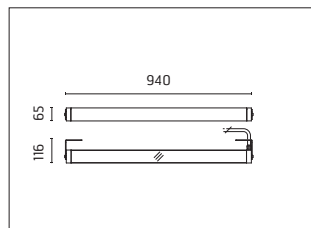
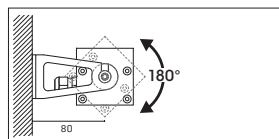


545025
 T16 21W G5
 Electronic ballast

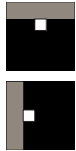


m	lux	
	Max	Med
1.00	398	111
2.00	100	28
3.00	44	12
4.00	25	7
5.00	16	4

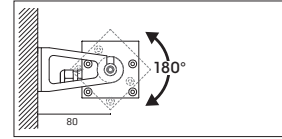
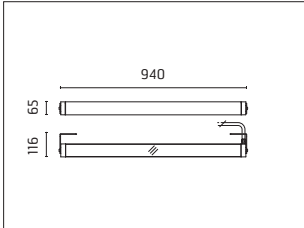
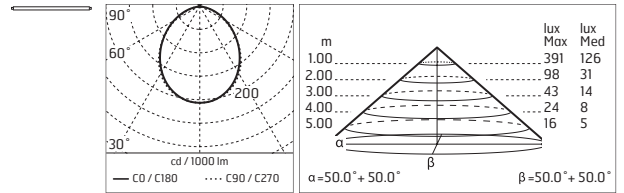
$\alpha=55.0^\circ+55.0^\circ$ $\beta=55.0^\circ+55.0^\circ$



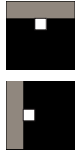
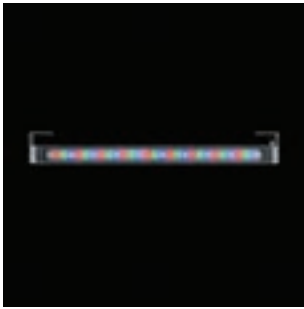
Arcadia940 / With Brackets L 80mm - Sandblasted Glass - Adjustable



545026
 T16 21W G5
 Electronic ballast



Arcadia940 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable

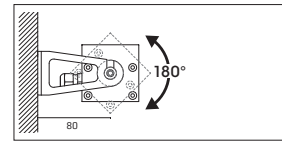
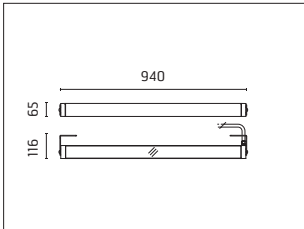


545027
 RGB
 POWER LEDs
 9x3x1W/48V
 with DMX interface
 Total power 38W
 Remote electronic power supply
 to be ordered

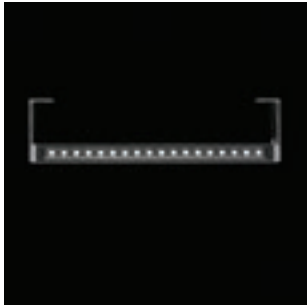
Wiring diagram and installation scheme RGB

Max 1 luminaire ARCADIA RGB
 for each code 149

» See Page 631
 Wiring Diagram n.7



Arcadia940 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545028 **COOL WHITE 6000K**

POWER LEDs
18x1W/220÷240V
Total power 24W
LED lm 2340 ≠ FIXT lm 1928
CRI>70

Electronic power supply included

545029 **NATURAL WHITE 4000K**

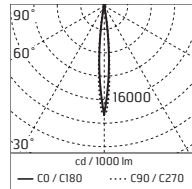
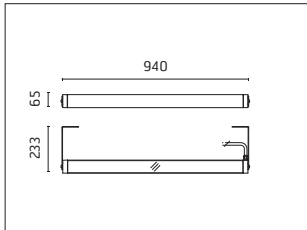
POWER LEDs
18x1W/220÷240V
Total power 24W
LED lm 2016 ≠ FIXT lm 1661
CRI>80

Electronic power supply included

545030 **WARM WHITE 3000K**

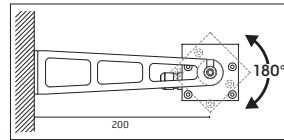
POWER LEDs
18x1W/220÷240V
Total power 24W
LED lm 1872 ≠ FIXT lm 1542
CRI>80

Electronic power supply included

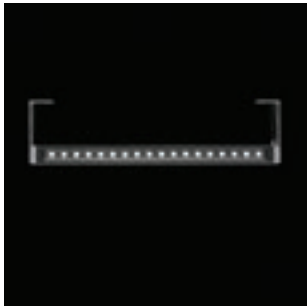


m	lux	
	Max	Med
1.00	35881	21810
2.00	8970	5453
3.00	3987	2423
4.00	2243	1363
5.00	1435	872

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$



Arcadia940 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 30°



545031 **COOL WHITE 6000K**

POWER LEDs
18x1W/220÷240V
Total power 24W
LED lm 2340 ≠ FIXT lm 2024
CRI>70

Electronic power supply included

545032 **NATURAL WHITE 4000K**

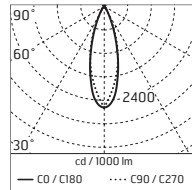
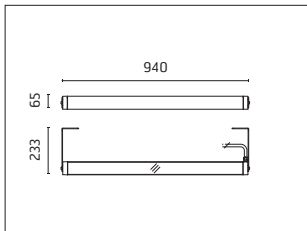
POWER LEDs
18x1W/220÷240V
Total power 24W
LED lm 2016 ≠ FIXT lm 1744
CRI>80

Electronic power supply included

545033 **WARM WHITE 3000K**

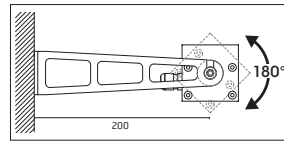
POWER LEDs
18x1W/220÷240V
Total power 24W
LED lm 1872 ≠ FIXT lm 1619
CRI>80

Electronic power supply included



m	lux	
	Max	Med
1.00	5252	2974
2.00	1313	744
3.00	584	330
4.00	328	186
5.00	210	119

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

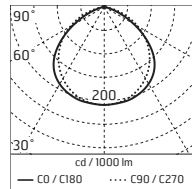
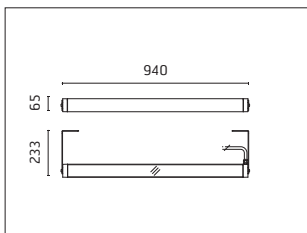


Arcadia940 / With Brackets L 200mm - Transparent Glass - Adjustable



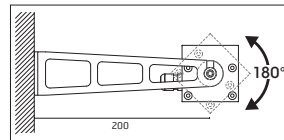
545034 **T16 21W G5**

Electronic ballast

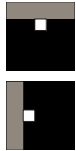


m	lux	
	Max	Med
1.00	398	111
2.00	100	28
3.00	44	12
4.00	25	7
5.00	16	4

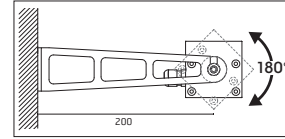
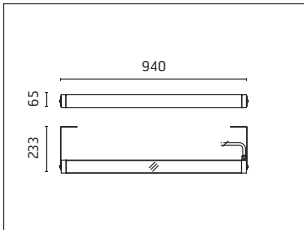
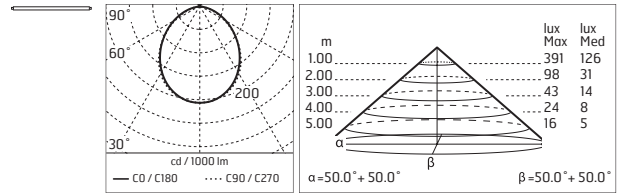
$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$



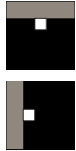
Arcadia940 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545035
 T16 21W G5
 Electronic ballast



Arcadia940 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable

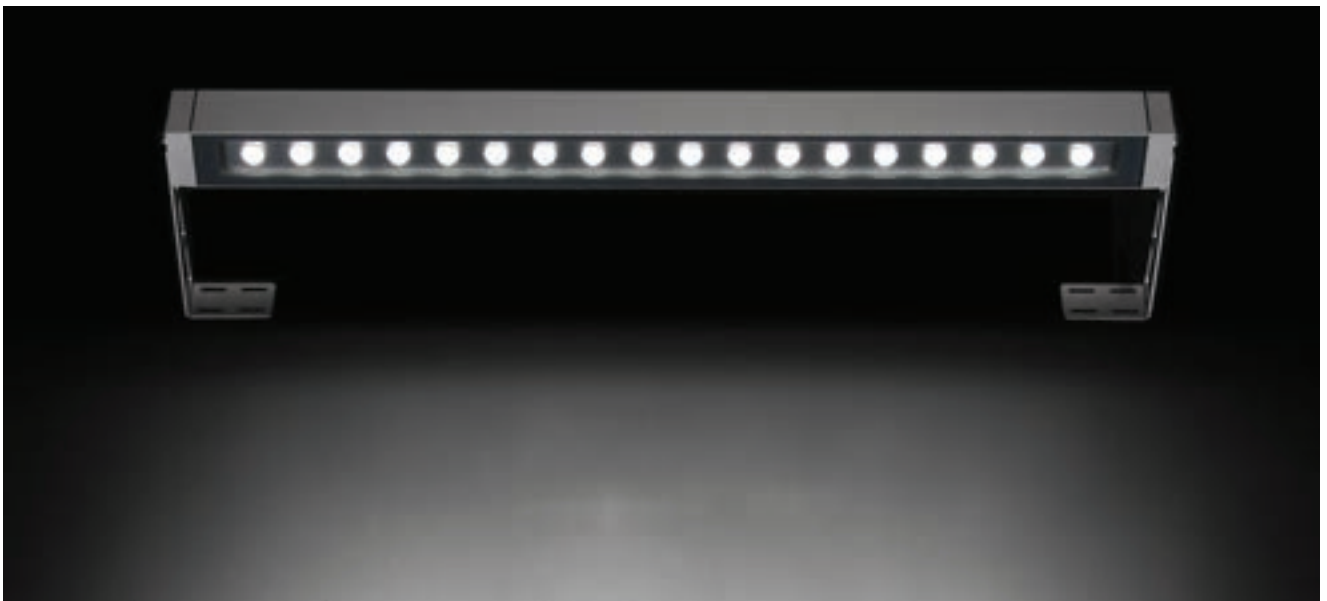
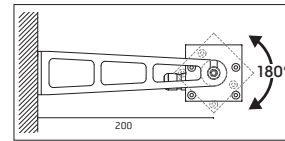
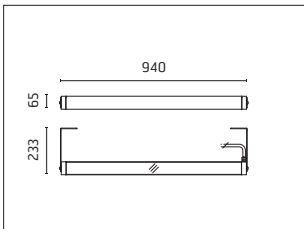


545036
 RGB
 POWER LEDs
 9x3x1W/48V
 with DMX interface
 Total power 38W
 Remote electronic power supply
 to be ordered

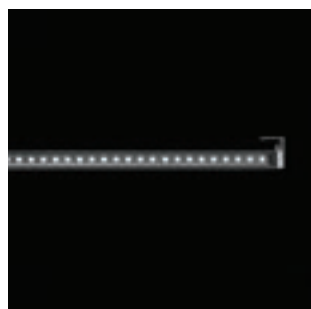
Wiring diagram and installation scheme RGB

Max 1 luminaire ARCADIA RGB
 for each code 149

» See Page 631
 Wiring Diagram n.7

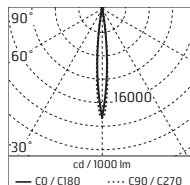


Arcadia1240 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°



545037 **A+ A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 24x1W/220=240V
 Total power 32W
 LED lm 3120 ≠ FIXT lm 2570
 CRI>70

Electronic power supply included



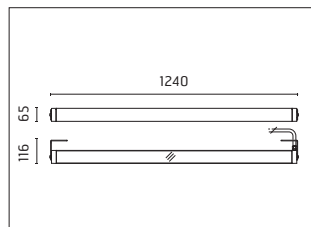
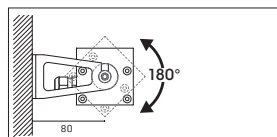
m	lux	
	Max	Med
1.00	4782	9072
2.00	1195	7268
3.00	5314	3230
4.00	2989	1817
5.00	1913	1163

$\alpha=5.0^\circ+5.0^\circ$ $\beta=5.0^\circ+5.0^\circ$

545038 **A+ A+ A++**

NATURAL WHITE 4000K
 POWER LEDs
 24x1W/220=240V
 Total power 32W
 LED lm 2688 ≠ FIXT lm 2214
 CRI>80

Electronic power supply included

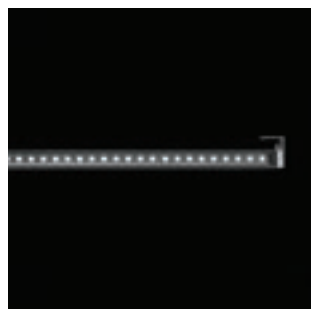


545039 **A+ A+ A++**

WARM WHITE 3000K
 POWER LEDs
 24x1W/220=240V
 Total power 32W
 LED lm 2496 ≠ FIXT lm 2056
 CRI>80

Electronic power supply included

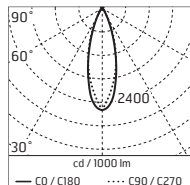
Arcadia1240 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 30°



545040 **A+ A+ A++**

COOL WHITE 6000K
 POWER LEDs
 24x1W/220=240V
 Total power 32W
 LED lm 3120 ≠ FIXT lm 2699
 CRI>70

Electronic power supply included



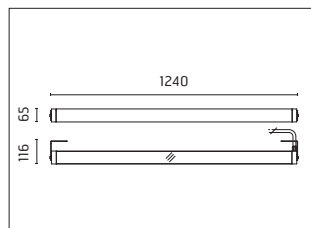
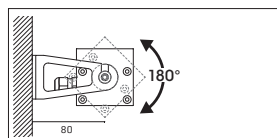
m	lux	
	Max	Med
1.00	7004	3966
2.00	1751	992
3.00	778	441
4.00	438	248
5.00	280	159

$\alpha=15.0^\circ+15.0^\circ$ $\beta=15.0^\circ+15.0^\circ$

545041 **A+ A+ A++**

NATURAL WHITE 4000K
 POWER LEDs
 24x1W/220=240V
 Total power 32W
 LED lm 2688 ≠ FIXT lm 2325
 CRI>80

Electronic power supply included



545042 **A+ A+ A++**

WARM WHITE 3000K
 POWER LEDs
 24x1W/220=240V
 Total power 32W
 LED lm 2496 ≠ FIXT lm 2159
 CRI>80

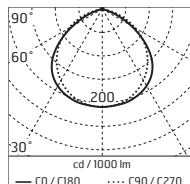
Electronic power supply included

Arcadia1240 / With Brackets L 80mm - Transparent Glass - Adjustable



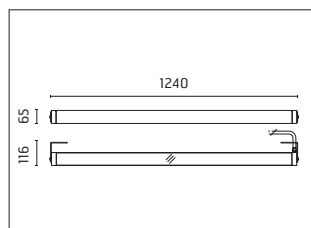
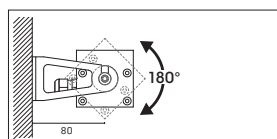
545043 **A+**

T16 28W G5
 Electronic ballast



m	lux	
	Max	Med
1.00	545	151
2.00	136	38
3.00	61	17
4.00	34	9
5.00	22	6

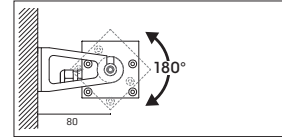
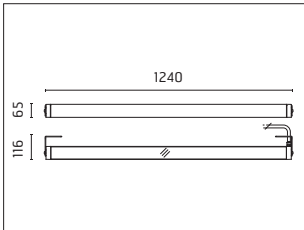
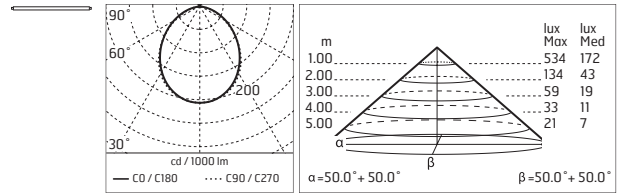
$\alpha=55.0^\circ+55.0^\circ$ $\beta=55.0^\circ+55.0^\circ$



Arcadia1240 / With Brackets L 80mm - Sandblasted Glass - Adjustable



545044 **A+**
 T16 28W G5
 Electronic ballast



Arcadia1240 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable

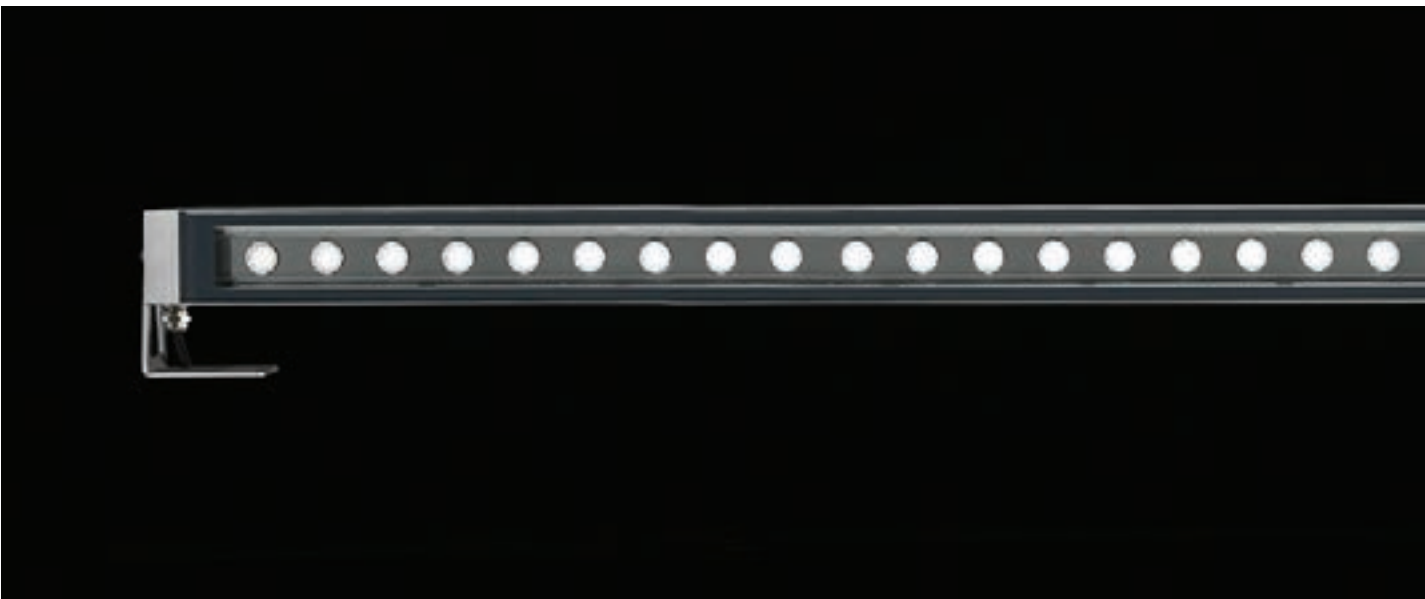
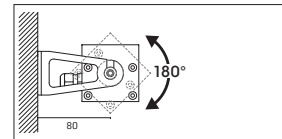
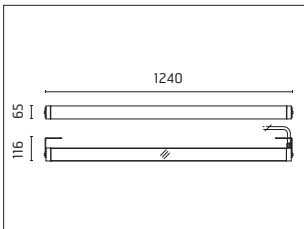


545045 **A+ A+ A++**
 RGB
 POWER LEDs
 12x3x1W/48V
 with DMX interface
 Total power 48W
 Remote electronic power supply
 to be ordered

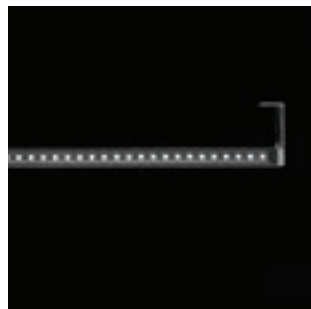
Wiring diagram and installation scheme RGB

Max 1 luminaire ARCADIA RGB
 for each code 149

» See Page 631
 Wiring Diagram n.7



Arcadia1240 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545046 Ⓟ A A+ A++

COOL WHITE 6000K
POWER LEDs
24x1W/220=240V
Total power 32W
LED lm 3120 ≠ FIXT lm 2570
CRI>70

Electronic power supply included

545047 Ⓟ A A+ A++

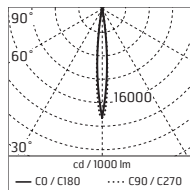
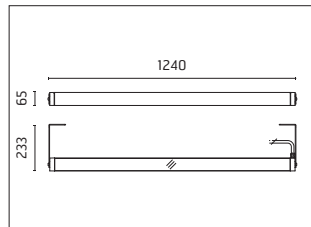
NATURAL WHITE 4000K
POWER LEDs
24x1W/220=240V
Total power 32W
LED lm 2688 ≠ FIXT lm 2214
CRI>80

Electronic power supply included

545048 Ⓟ A A+ A++

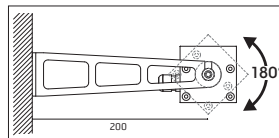
WARM WHITE 3000K
POWER LEDs
24x1W/220=240V
Total power 32W
LED lm 2496 ≠ FIXT lm 2056
CRI>80

Electronic power supply included

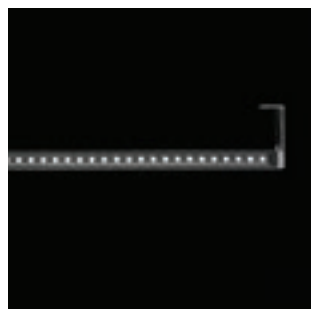


m	lux	
	Max	Med
1.00	4782	2907
2.00	1195	726
3.00	531	323
4.00	298	181
5.00	191	116

α=5.0°+5.0° β=5.0°+5.0°



Arcadia1240 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 30°



545049 Ⓟ A A+ A++

COOL WHITE 6000K
POWER LEDs
24x1W/220=240V
Total power 32W
LED lm 3120 ≠ FIXT lm 2699
CRI>70

Electronic power supply included

545050 Ⓟ A A+ A++

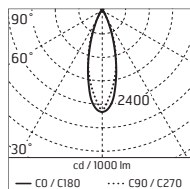
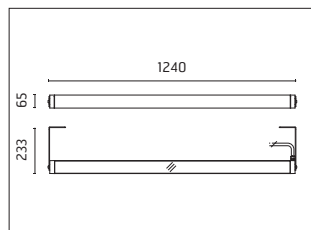
NATURAL WHITE 4000K
POWER LEDs
24x1W/220=240V
Total power 32W
LED lm 2688 ≠ FIXT lm 2325
CRI>80

Electronic power supply included

545051 Ⓟ A A+ A++

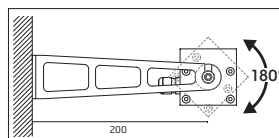
WARM WHITE 3000K
POWER LEDs
24x1W/220=240V
Total power 32W
LED lm 2496 ≠ FIXT lm 2159
CRI>80

Electronic power supply included



m	lux	
	Max	Med
1.00	7004	3966
2.00	1751	992
3.00	778	441
4.00	438	248
5.00	280	159

α=15.0°+15.0° β=15.0°+15.0°

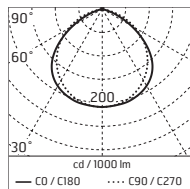
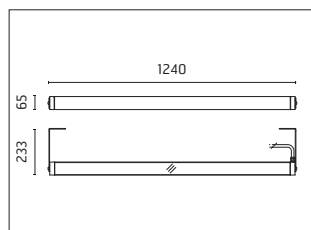


Arcadia1240 / With Brackets L 200mm - Transparent Glass - Adjustable



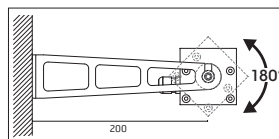
545052 Ⓟ A+

T16 28W G5
Electronic ballast

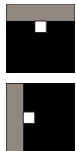


m	lux	
	Max	Med
1.00	545	151
2.00	136	38
3.00	61	17
4.00	34	9
5.00	22	6

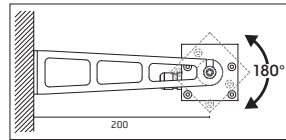
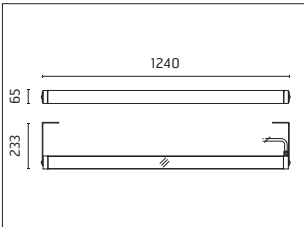
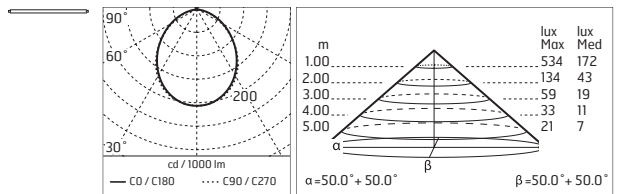
α=55.0°+55.0° β=55.0°+55.0°



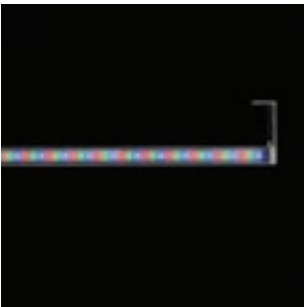
Arcadia1240 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545053
 T16 28W G5
 Electronic ballast



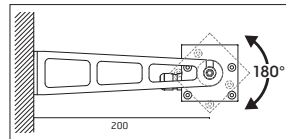
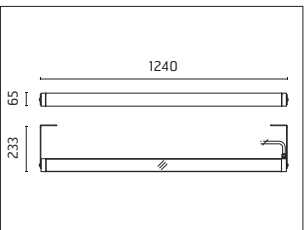
Arcadia1240 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable



545054
 RGB
 POWER LEDs
 12x3x1W/48V
 with DMX interface
 Total power 48W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 1 luminaire ARCADIA RGB
 for each code 149

>> See Page 631
 Wiring Diagram n.7



Accessories chart

acc. code	▶ 149	▶ 142	▶ 143	▶ 187	▶ 186	acc. code	▶ 215	▶ 236	acc. code	▶ 237
prod. code	▼	▼	▼	▼	▼	prod. code	▼	▼	prod. code	▼
545009	•	•	•	•	•	ALL CODES EXCEPT RGB	•	•	ALL CODES EXCEPT RGB/FLUORESCENT	•
545018	•	•	•	•	•					
545027	•	•	•	•	•					
545036	•	•	•	•	•					
545045	•	•	•	•	•					
545054	•	•	•	•	•					

Accessories: Arcadia - Arcadia LED

215
 3/4 way terminal block 3 poles IP68
 (Ø5,5÷12mm cable)

H₂O STOP

236
 2 way terminal block 3 poles IP68
 (Ø5,5÷12mm cable)

H₂O STOP

149
 POWER SUPPLY 60W/110÷240V - 48Vdc
 IP67 CLASS I SELV EQ.

142
 DMX CONTROLLER; dimmer switch for
 recessed box (60mm hole centres)

143
 DMX CONTROLLER; stand-alone/PC interface

186
 DMX CABLE - SHIELDED TWISTED PAIR WITH
 110 Ohm CONSTANT IMPEDANCE.

187
 DMX SPLITTER - ELECTRONIC DEVICE TO
 REGENERATE THE DMX SIGNAL- 1 INPUT AND 7
 OUTPUT. 12÷24Vdc POWER SUPPLY TO BE
 ORDERED (87 OR 175 RECOMMENDED)

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66

Tau



Tau LED

Design by Ares Concept

IP65   

- Tube light for outdoor installation on wall or ceiling.
- Configuration: Polycarbonate tube with anti UV filter. Polycarbonate fixing brackets and anodized aluminium closing caps.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation requires a 24Vdc remote power supply and connection cables for power supply and end-to-end connection (max. sequence wiring up to 5 meters)
- Parallel wiring.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++

Luminaire supplied with integrated LED modules which cannot be replaced



8. Anodized Aluminium



Ceiling fitting



Wall fitting



Protection against water ingress from the cable



Installation requires a feeding cable (acc. code 172 or 173, 174 see page 609)

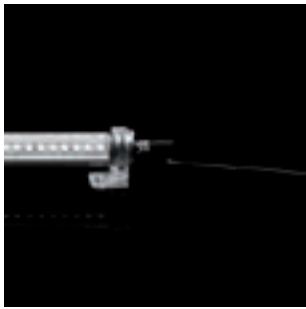


Remote device required.



Protection against impact. IK 06 - 1,00 joule

Tau Low Power LED / L. 354 - Transparent Tube



523001 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 255 = FIXT lm 231
 CRI>70

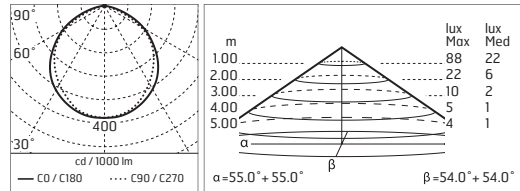
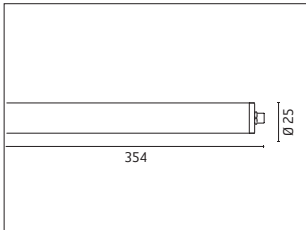
Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176

523002 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 255 = FIXT lm 231
 CRI>80

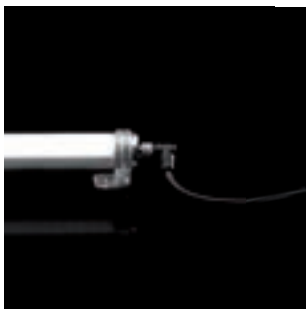
Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176

523003 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 255 = FIXT lm 231
 CRI>80

Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176



Tau Low Power LED / L. 354 - Opal Tube



523011 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 255 = FIXT lm 118
 CRI>70

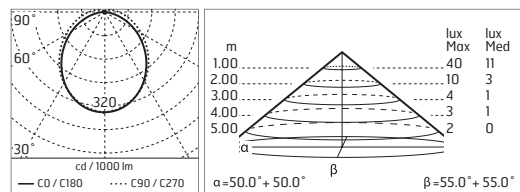
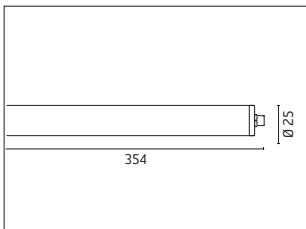
Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176

523012 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 255 = FIXT lm 118
 CRI>80

Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176

523013 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 255 = FIXT lm 118
 CRI>80

Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176



Tau Low Power LED / L. 554 - Transparent Tube



523021 **A A+ A++**
 COOL WHITE 6000K
 LOW POWER LEDs
 5W/24Vdc
 Total power 5W
 LED lm 420 = FIXT lm 384
 CRI>70

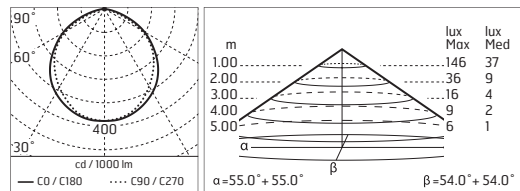
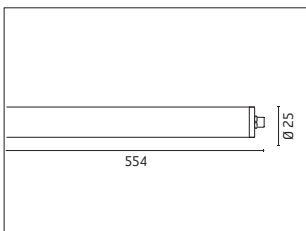
Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176

523022 **A A+ A++**
 NATURAL WHITE 4000K
 LOW POWER LEDs
 5W/24Vdc
 Total power 5W
 LED lm 420 = FIXT lm 384
 CRI>80

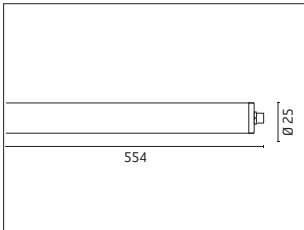
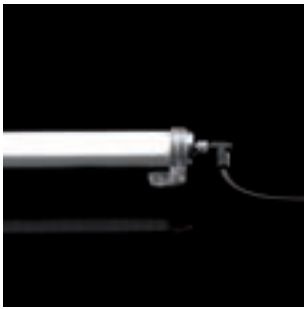
Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176

523023 **A A+ A++**
 WARM WHITE 3000K
 LOW POWER LEDs
 5W/24Vdc
 Total power 5W
 LED lm 420 = FIXT lm 384
 CRI>80

Remote electronic power supply and supply cable to be ordered
 ..|||l Acc. 144 or 176



Tau Low Power LED / L. 554 - Opal Tube



523031 A A+ A++

COOL WHITE 6000K
LOW POWER LEDs
5W/24Vdc
Total power 5W
LED lm 420 ≠ FIXT lm 196
CRI>70

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176

523032 A A+ A++

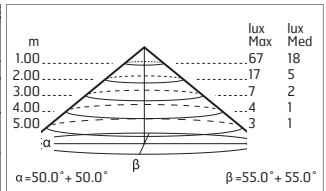
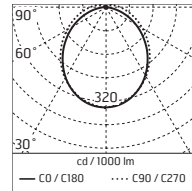
NATURAL WHITE 4000K
LOW POWER LEDs
5W/24Vdc
Total power 5W
LED lm 420 ≠ FIXT lm 196
CRI>80

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176

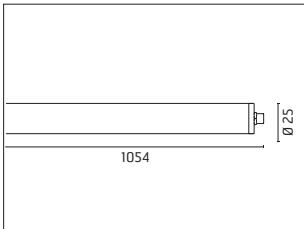
523033 A A+ A++

WARM WHITE 3000K
LOW POWER LEDs
5W/24Vdc
Total power 5W
LED lm 420 ≠ FIXT lm 196
CRI>80

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176



Tau Low Power LED / L. 1054 - Transparent Tube



523041 A A+ A++

COOL WHITE 6000K
LOW POWER LEDs
10W/24Vdc
Total power 10W
LED lm 840 ≠ FIXT lm 768
CRI>70

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176

523042 A A+ A++

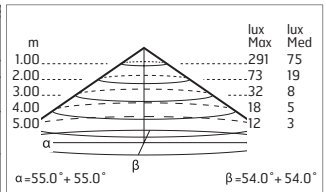
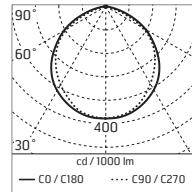
NATURAL WHITE 4000K
LOW POWER LEDs
10W/24Vdc
Total power 10W
LED lm 840 ≠ FIXT lm 768
CRI>80

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176

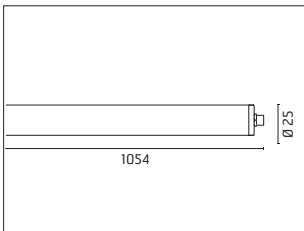
523043 A A+ A++

WARM WHITE 3000K
LOW POWER LEDs
10W/24Vdc
Total power 10W
LED lm 840 ≠ FIXT lm 768
CRI>80

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176



Tau Low Power LED / L. 1054 - Opal Tube



523051 A A+ A++

COOL WHITE 6000K
LOW POWER LEDs
10W/24Vdc
Total power 10W
LED lm 840 ≠ FIXT lm 392
CRI>70

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176

523052 A A+ A++

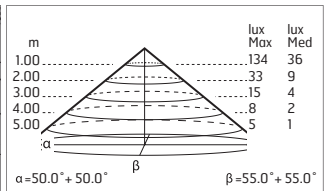
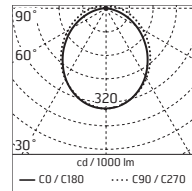
NATURAL WHITE 4000K
LOW POWER LEDs
10W/24Vdc
Total power 10W
LED lm 840 ≠ FIXT lm 392
CRI>80

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176

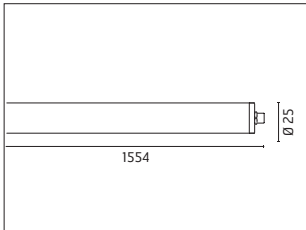
523053 A A+ A++

WARM WHITE 3000K
LOW POWER LEDs
10W/24Vdc
Total power 10W
LED lm 840 ≠ FIXT lm 392
CRI>80

Remote electronic power supply and supply cable to be ordered
...!!! Acc. 144 or 176



Tau Low Power LED / L. 1554 - Transparent Tube



523061 A A+ A++

COOL WHITE 6000K
LOW POWER LEDs
15W/24Vdc
Total power 15W
LED lm 1260 ≠ FIXT lm 1152
CRI>70

Remote electronic power supply and supply cable to be ordered
..mill Acc. 144 or 176

523062 A A+ A++

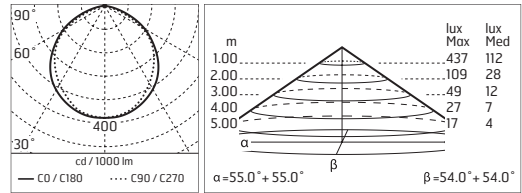
NATURAL WHITE 4000K
LOW POWER LEDs
15W/24Vdc
Total power 15W
LED lm 1260 ≠ FIXT lm 1152
CRI>80

Remote electronic power supply and supply cable to be ordered
..mill Acc. 144 or 176

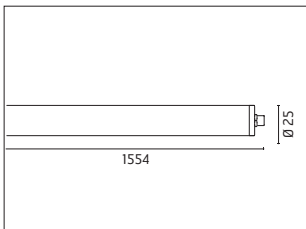
523063 A A+ A++

WARM WHITE 3000K
LOW POWER LEDs
15W/24Vdc
Total power 15W
LED lm 1260 ≠ FIXT lm 1152
CRI>80

Remote electronic power supply and supply cable to be ordered
..mill Acc. 144 or 176



Tau Low Power LED / L. 1554 - Opal Tube



523071 A A+ A++

COOL WHITE 6000K
LOW POWER LEDs
15W/24Vdc
Total power 15W
LED lm 1260 ≠ FIXT lm 589
CRI>70

Remote electronic power supply and supply cable to be ordered
..mill Acc. 144 or 176

523072 A A+ A++

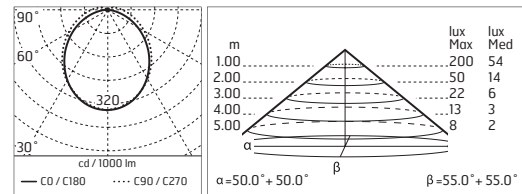
NATURAL WHITE 4000K
LOW POWER LEDs
15W/24Vdc
Total power 15W
LED lm 1260 ≠ FIXT lm 589
CRI>80

Remote electronic power supply and supply cable to be ordered
..mill Acc. 144 or 176

523073 A A+ A++

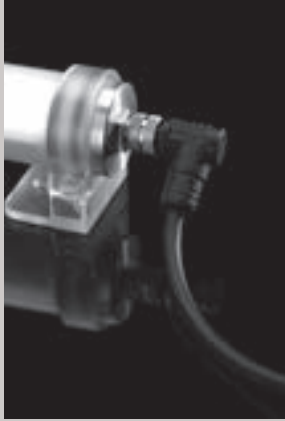
WARM WHITE 3000K
LOW POWER LEDs
15W/24Vdc
Total power 15W
LED lm 1260 ≠ FIXT lm 589
CRI>80

Remote electronic power supply and supply cable to be ordered
..mill Acc. 144 or 176

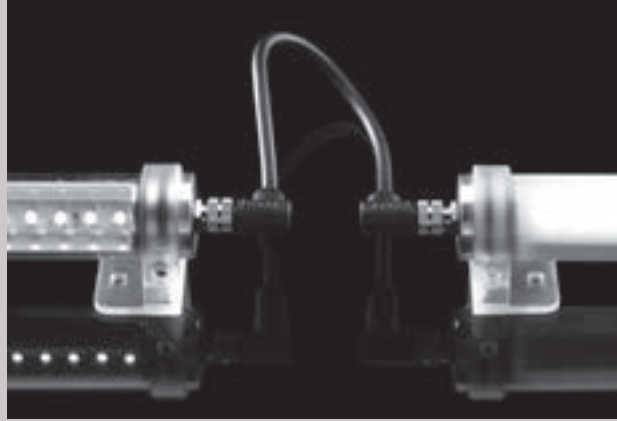
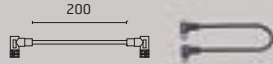


Accessories: Tau LED

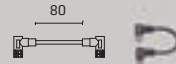
172
SUPPLY CABLE L.2000mm
SINGLE CONNECTOR



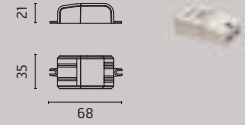
174
SUPPLY CABLE L.200mm
DOUBLE CONNECTOR



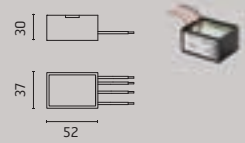
173
SUPPLY CABLE L.80mm
DOUBLE CONNECTOR



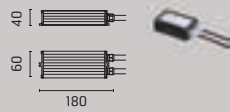
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



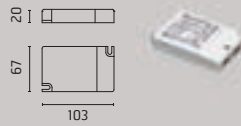
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.

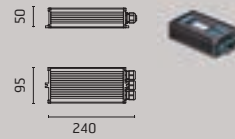


144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



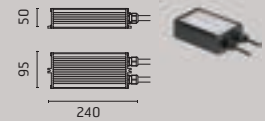
...DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



...DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

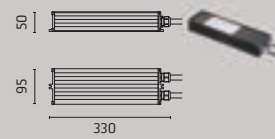
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



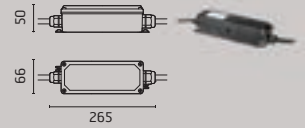
Accessories chart

acc. code ▶	172	173	174	150	106	87	175	144	176	147	155	110	156
prod. code ▼													
523001	•	•	•	•	•	•	•	•	•	•	•	•	•
523002	•	•	•	•	•	•	•	•	•	•	•	•	•
523003	•	•	•	•	•	•	•	•	•	•	•	•	•
523011	•	•	•	•	•	•	•	•	•	•	•	•	•
523012	•	•	•	•	•	•	•	•	•	•	•	•	•
523013	•	•	•	•	•	•	•	•	•	•	•	•	•
523021	•	•	•	•	•	•	•	•	•	•	•	•	•
523022	•	•	•	•	•	•	•	•	•	•	•	•	•
523023	•	•	•	•	•	•	•	•	•	•	•	•	•
523031	•	•	•	•	•	•	•	•	•	•	•	•	•
523032	•	•	•	•	•	•	•	•	•	•	•	•	•
523033	•	•	•	•	•	•	•	•	•	•	•	•	•
523041	•	•	•					•	•	•	•	•	•
523042	•	•	•					•	•	•	•	•	•
523043	•	•	•					•	•	•	•	•	•
523051	•	•	•					•	•	•	•	•	•
523052	•	•	•					•	•	•	•	•	•
523053	•	•	•					•	•	•	•	•	•
523061	•	•	•					•	•	•	•	•	•
523062	•	•	•					•	•	•	•	•	•
523063	•	•	•					•	•	•	•	•	•
523071	•	•	•					•	•	•	•	•	•
523072	•	•	•					•	•	•	•	•	•
523073	•	•	•					•	•	•	•	•	•

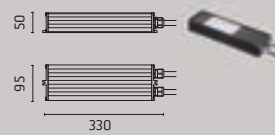
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W/120÷240V - 24Vdc
IP67 CLASS II SELV.



Leo





Leo80

Leo80 LED

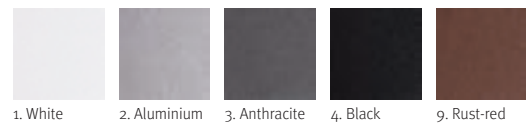
Design by Ares Concept

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium structure . EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass or lens with silkscreen border. Moulded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a cable holder (5\times9mm cables). For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

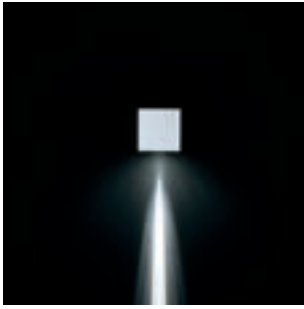
IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

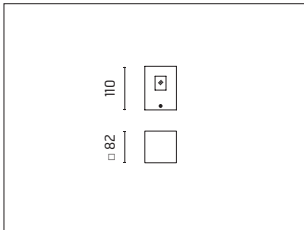
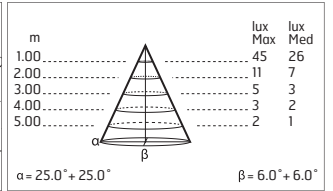
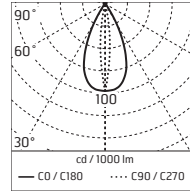
A++	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
A+	
A	
D	HALOGEN VERSION: Class D QT14/G9



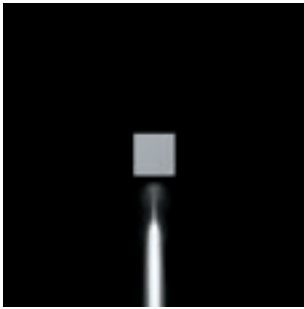
Leo80 / Unidirectional - Narrow Beam 10° - Convex Lens




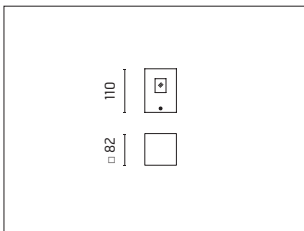
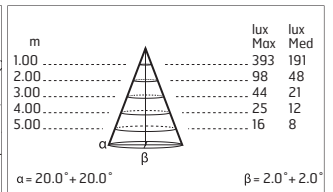
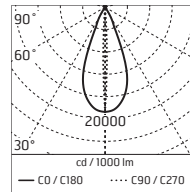
1232743 
 QT 14 40W 230V G9





Leo80 Power LED / Unidirectional - Narrow Beam 4° - Convex Lens



12311543 
 COOL WHITE 6000K
 POWER LED
 1W/100=240V
 Total power 2,5W
 LED lm 130 ≠ FIXT lm 21
 CRI>70
 Electronic power supply included

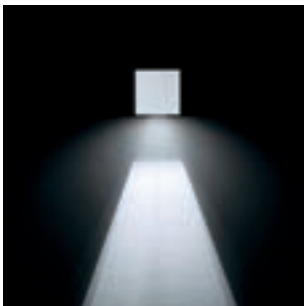


12316343 
 NATURAL WHITE 4000K
 POWER LED
 1W/100=240V
 Total power 2,5W
 LED lm 112 ≠ FIXT lm 18
 CRI>80
 Electronic power supply included

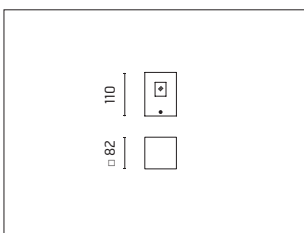
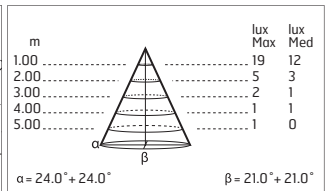
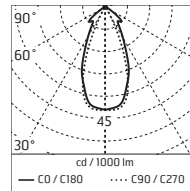
12311643 
 WARM WHITE 3000K
 POWER LED
 1W/100=240V
 Total power 2,5W
 LED lm 104 ≠ FIXT lm 17
 CRI>80
 Electronic power supply included



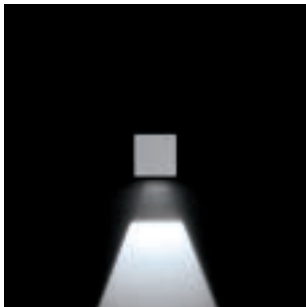
Leo80 / Unidirectional - Medium Beam 40° - Convex Lens



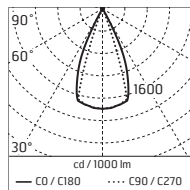
1232750 
 QT 14 40W 230V G9



Leo80 Power LED / Unidirectional - Medium Beam 40°



12311550 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 1W/100÷240V
 Total power 2,5W
 LED lm 130 ≠ FIXT lm 21
 CRI>70
 Electronic power supply included



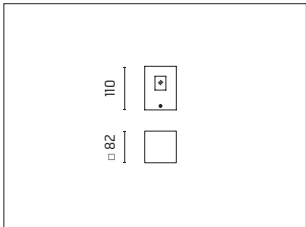
m	lux	
	Max	Med
1.00	38	27
2.00	9	7
3.00	4	3
4.00	2	2
5.00	2	1

$\alpha = 24.0^\circ + 24.0^\circ$ $\beta = 18.0^\circ + 18.0^\circ$

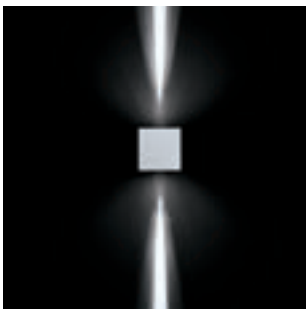
12316450 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1W/100÷240V
 Total power 2,5W
 LED lm 112 ≠ FIXT lm 18
 CRI>80
 Electronic power supply included



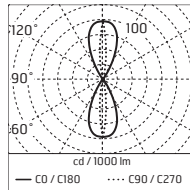
12311650 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1W/100÷240V
 Total power 2,5W
 LED lm 104 ≠ FIXT lm 17
 CRI>80
 Electronic power supply included



Leo80 / Bidirectional - Narrow Beam 10° - Convex Lens

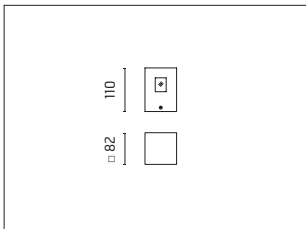


1232744 **D**
 QT 14 40W 230V G9



m	lux	
	Max	Med
1.00	45	26
2.00	11	7
3.00	5	3
4.00	3	2
5.00	2	1

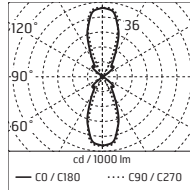
$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$



Leo80 / Bidirectional - Medium Beam 40°

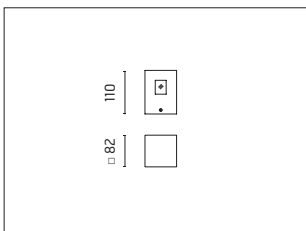


1232751 **D**
 QT 14 40W 230V G9



m	lux	
	Max	Med
1.00	19	12
2.00	5	3
3.00	2	1
4.00	1	1
5.00	1	0

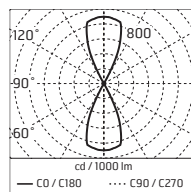
$\alpha = 24.0^\circ + 24.0^\circ$ $\beta = 21.0^\circ + 21.0^\circ$



Leo80 Power LED / Bidirectional - Medium Beam 40°



12311851 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x130 ≠ FIXT lm 2x21
 CRI>70
 Electronic power supply included



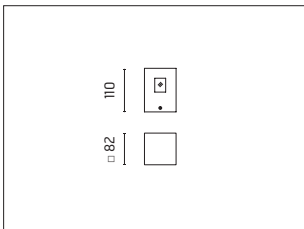
m	lux	
	Max	Med
1.00	38	27
2.00	9	7
3.00	4	3
4.00	2	2
5.00	2	1

$\alpha = 24.0^\circ + 24.0^\circ$ $\beta = 18.0^\circ + 18.0^\circ$

12316451 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x112 ≠ FIXT lm 2x18
 CRI>80
 Electronic power supply included



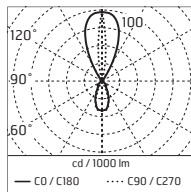
12311951 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x104 ≠ FIXT lm 2x17
 CRI>80
 Electronic power supply included



Leo80 / Bidirectional - Combined: Narrow Beam 10° (Convex Lens) + Medium Beam 40°

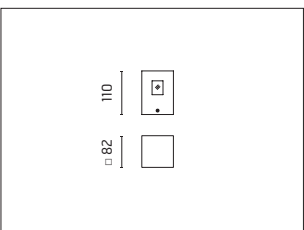


1232753 **D**
 QT 14 40W 230V G9



m	lux	
	Max	Med
5.00	2	1
4.00	3	2
3.00	5	3
2.00	11	7
1.00	45	26

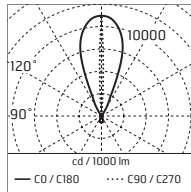
$\alpha = 21.0^\circ + 21.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$



Leo80 Power LED / Bidirectional - Combined: Narrow Beam 4° (Convex Lens) + Medium Beam 40°



12312153 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x130 ≠ FIXT lm 21+21
 CRI>70
 Electronic power supply included



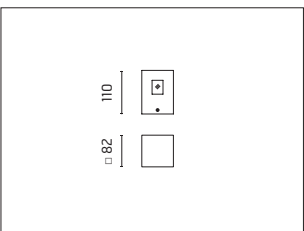
m	lux	
	Max	Med
5.00	19	9
4.00	29	14
3.00	52	25
2.00	118	57
1.00	471	228

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 2.0^\circ + 2.0^\circ$

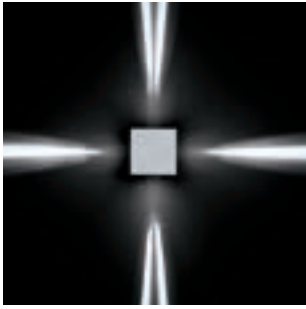
12316453 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x112 ≠ FIXT lm 18+18
 CRI>80
 Electronic power supply included



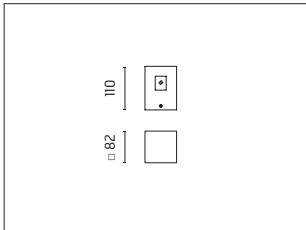
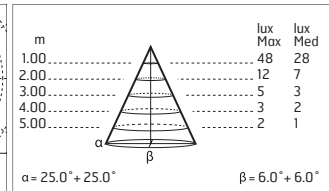
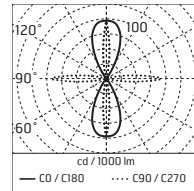
12312253 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x104 ≠ FIXT lm 17+17
 CRI>80
 Electronic power supply included



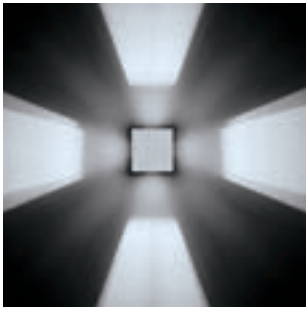
Leo80 / Omnidirectional - Narrow Beam 10° - Convex Lens



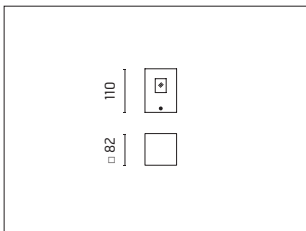
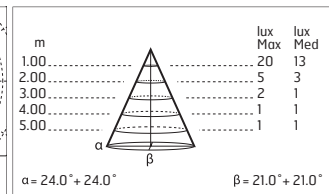
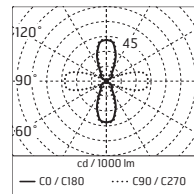
1232745 
QT 14 40W 230V G9



Leo80 / Omnidirectional - Medium Beam 40°



1232752 
QT 14 40W 230V G9



Accessories: Leo80 - Leo80 LED

237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
1232743	
1232744	
1232745	
1232750	
1232751	
1232752	

acc. code ▶	237
prod. code ▼	
1232753	
12311543	●
12311550	●
12311643	●
12311650	●
12311851	●

acc. code ▶	237
prod. code ▼	
12311951	●
12312153	●
12312253	●
12316343	●
12316450	●
12316451	●

acc. code ▶	237
prod. code ▼	
12316453	●



garbeld

Leo120







Leo120 LED

Design by Ares Concept

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Glass and lens fixed to the aluminium body through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8xø13mm cables). For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-1
	METAL HALIDE VERSION: Class A/A+
	HIT-TC-CE/G8,5



Leo120 on post







Leo120 on post LED

Design by Ares Concept

- Outdoor luminaire for installation on post.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass. Moulded silicone gaskets.
- Glass fixed to the aluminium body through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8\times13mm cables). For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

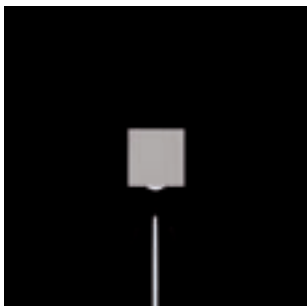
IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

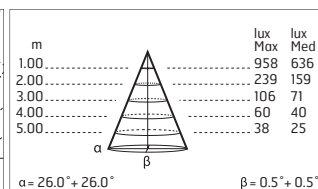
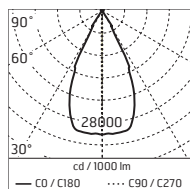
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-1
	METAL HALIDE VERSION: Class A/A+ HIT-TC-CE/G8,5
	



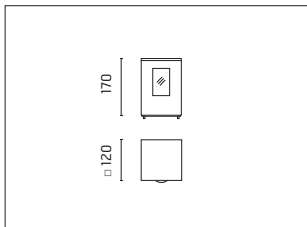
Leo120 Power LED / Unidirectional - Narrow Beam 1° - Convex Lens



12316543 A A+ A++
 COOL WHITE 6000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 257 ≠ FIXT lm 31
 CRI>70
 Electronic power supply included

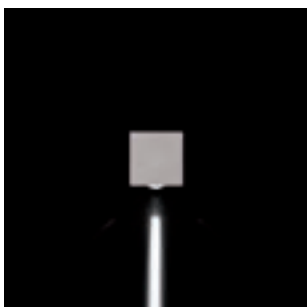


12316743 A A+ A++
 NATURAL WHITE 4000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 233 ≠ FIXT lm 28
 CRI>80
 Electronic power supply included

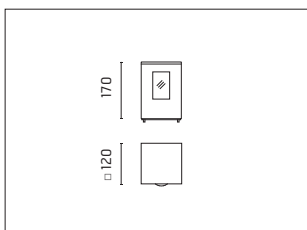
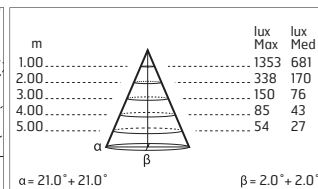
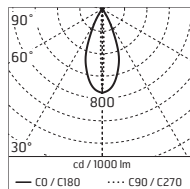


12316643 A A+ A++
 WARM WHITE 3000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 218 ≠ FIXT lm 26
 CRI>80
 Electronic power supply included

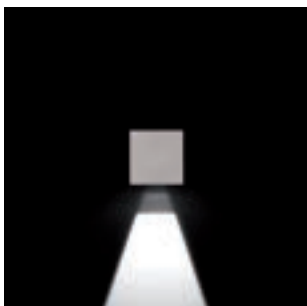
Leo120 / Unidirectional - Narrow Beam 4° - Convex Lens



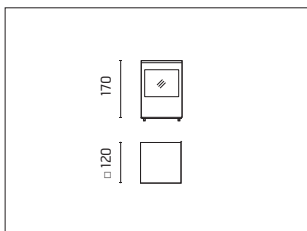
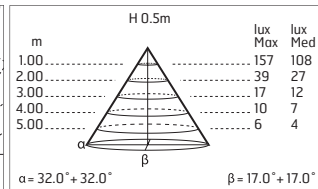
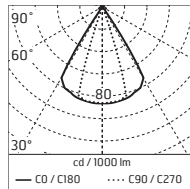
12316243 A A+
 HIT-TC-CE 20W GU6,5
 Electronic ballast



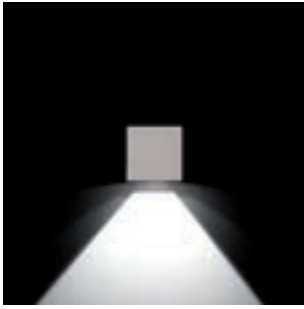
Leo120 / Unidirectional - Medium Beam 35°



12316250 A A+
 HIT-TC-CE 20W GU6,5
 Electronic ballast



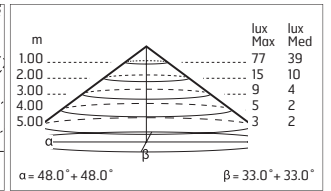
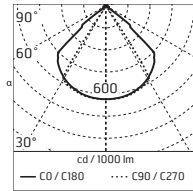
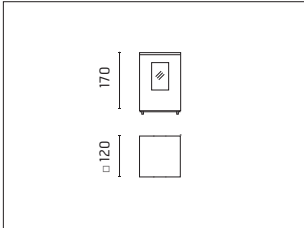
Leo120 Power LED / Unidirectional - Wide Beam 65°



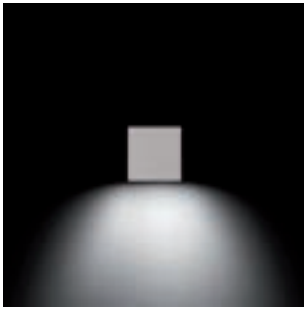
12316550 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 257 ≠ FIXT lm 121
 CRI>70
 Electronic power supply included

12316750 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 233 ≠ FIXT lm 109
 CRI>80
 Electronic power supply included

12316650 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 218 ≠ FIXT lm 103
 CRI>80
 Electronic power supply included

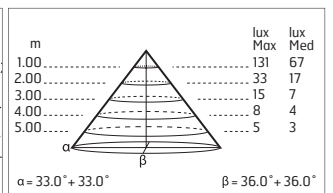
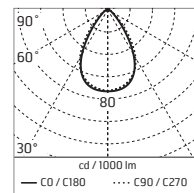
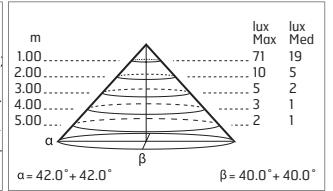
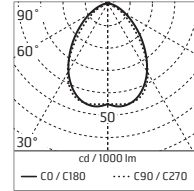
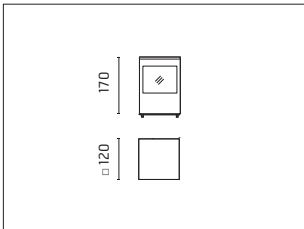


Leo120 / Unidirectional - Sandblasted Glass

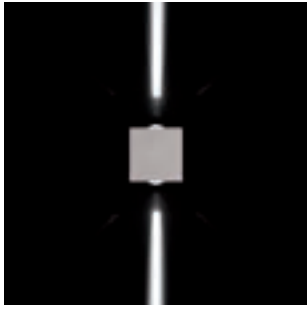


12316146 **A**
 TC-TEL 13W GX24 q-1
 Electronic ballast

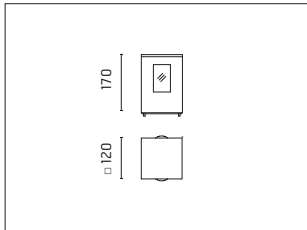
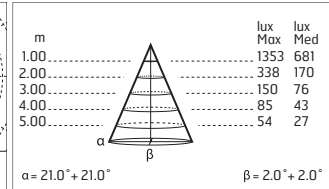
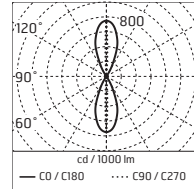
12316246 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



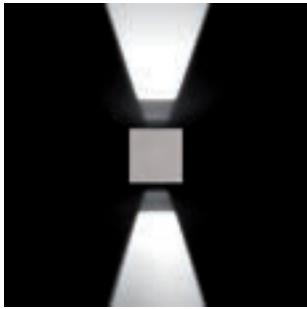
Leo120 / Bidirectional - Narrow Beam 4° - Convex Lens



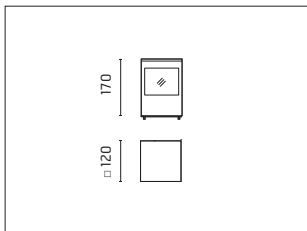
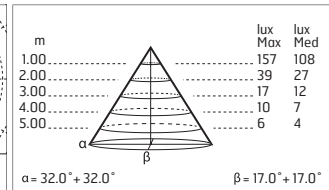
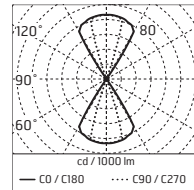
12316244 A A+
HIT-TC-CE 20W GU6,5
Electronic ballast



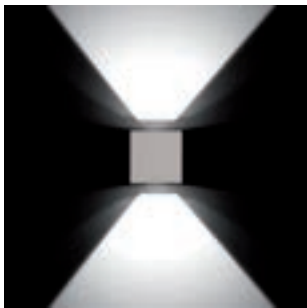
Leo120 / Bidirectional - Medium Beam 35°



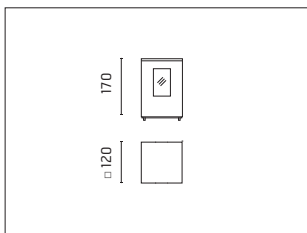
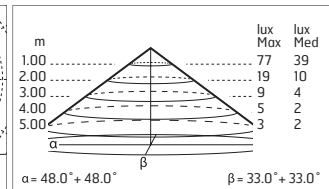
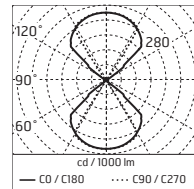
12316251 A A+
HIT-TC-CE 20W GU6,5
Electronic ballast



Leo120 Power LED / Bidirectional - Wide Beam 65°



12316551 A A+ A+
COOL WHITE 6000K
POWER LEDs
2x(3W)/120÷240V
Total power 9W
LED lm 2x257 ≠ FIXT lm 2x121
CRI>70
Electronic power supply included

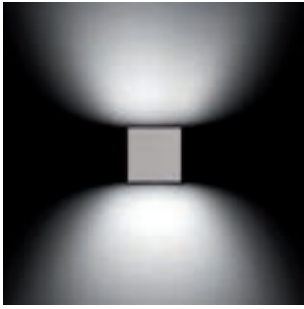


12316751 A A+ A+
NATURAL WHITE 4000K
POWER LEDs
2x(3W)/120÷240V
Total power 9W
LED lm 2x233 ≠ FIXT lm 2x109
CRI>80
Electronic power supply included

12316651 A A+ A+
WARM WHITE 3000K
POWER LEDs
2x(3W)/120÷240V
Total power 9W
LED lm 2x218 ≠ FIXT lm 2x103
CRI>80
Electronic power supply included

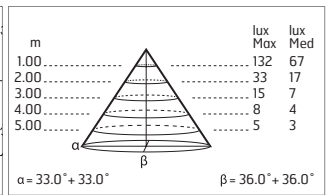
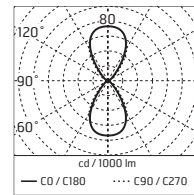
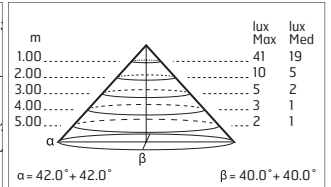
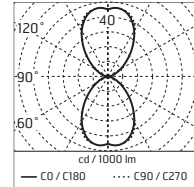
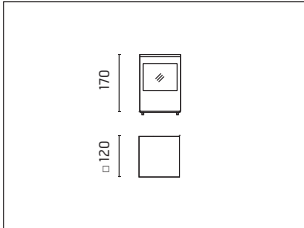


Leo120 / Bidirectional - Sandblasted Glass

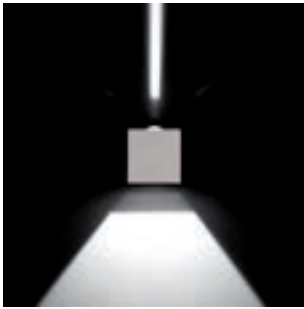


12316147 A
 TC-TEL 13W GX24 q-1
 Electronic ballast

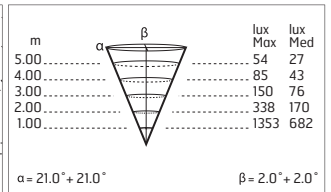
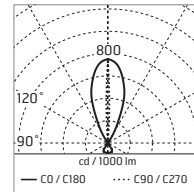
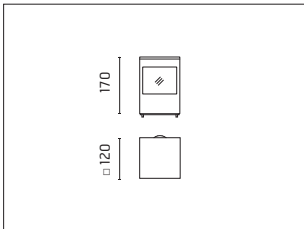
12316247 A A+
 HIT-TC-CE 20W GU6.5
 Electronic ballast



Leo120 / Bidirectional - Combined: Narrow Beam 4° (Convex Lens) + Wide Beam 75°



12316254 A A+
 HIT-TC-CE 20W GU6.5
 Electronic ballast

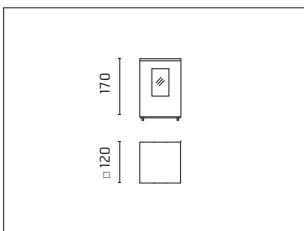


Leo120 Power LED / Bidirectional - Combined: Narrow Beam 1° (Convex Lens) + Wide Beam 65°

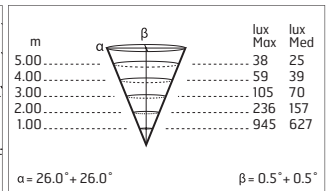
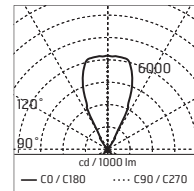


12316554 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 2x(3W)/120÷240V
 Total power 9W
 LED lm 2x257 = FIXT lm 31+121
 CRI>70
 Electronic power supply included

12316754 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3W)/120÷240V
 Total power 9W
 LED lm 2x233 = FIXT lm 28+109
 CRI>80
 Electronic power supply included



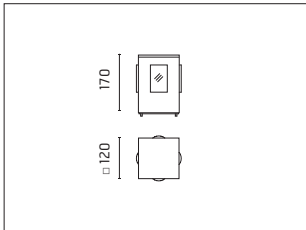
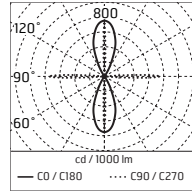
12316654 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 2x(3W)/120÷240V
 Total power 9W
 LED lm 2x218 = FIXT lm 26+103
 CRI>80
 Electronic power supply included



Leo120 / Omnidirectional - Narrow Beam 4° - Convex Lens



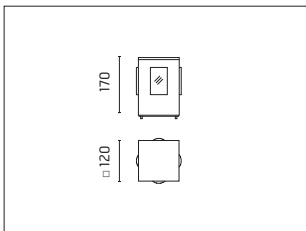
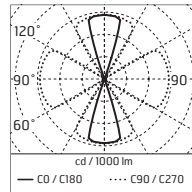
12316245 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



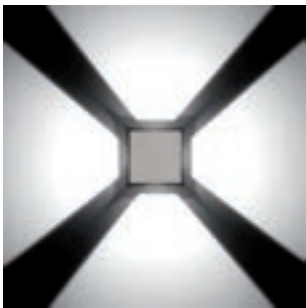
Leo120 / Omnidirectional - Medium Beam 35°



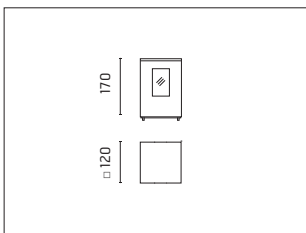
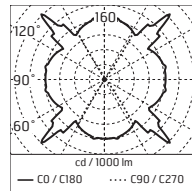
12316253 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 Power LED / Omnidirectional - Wide Beam 65°



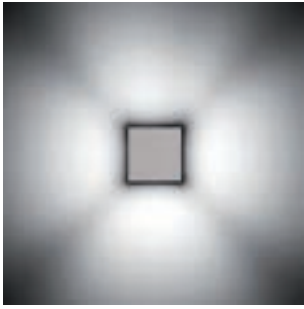
12316953 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 4x(3W)/120÷240V
 Total power 13W
 LED lm 4x257 ≠ FIXT lm 4x121
 CRI>70
 Electronic power supply included



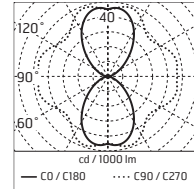
12317053 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4x(3W)/120÷240V
 Total power 13W
 LED lm 4x233 ≠ FIXT lm 4x109
 CRI>80
 Electronic power supply included

12316853 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4x(3W)/120÷240V
 Total power 13W
 LED lm 4x218 ≠ FIXT lm 4x103
 CRI>80
 Electronic power supply included

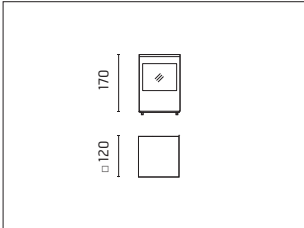
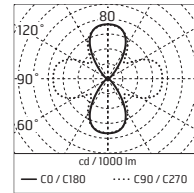
Leo120 / Omnidirectional - Sandblasted Glass



12316148 A
 TC-TEL 13W GX24 q-1
 Electronic ballast



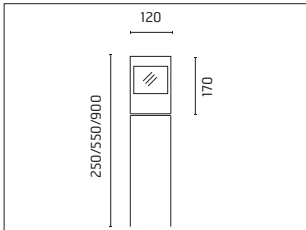
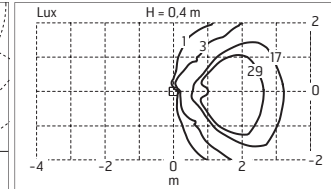
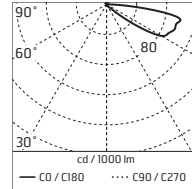
12316248 A A*
 HIT-TC-CE 20W GU6.5
 Electronic ballast



Leo120 on post / Unidirectional - Transparent Glass



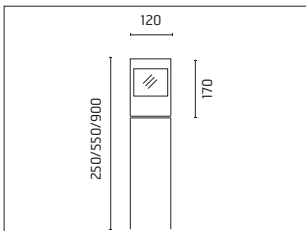
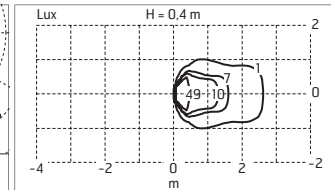
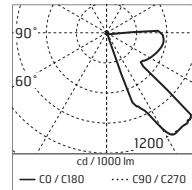
123162116 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post Power LED / Unidirectional - Transparent Glass



123233116 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 257 ≠ FIXT lm 78
 CRI>70
 Electronic power supply included



123234116 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 233 ≠ FIXT lm 71
 CRI>80
 Electronic power supply included

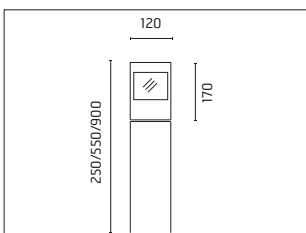
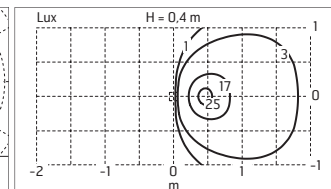
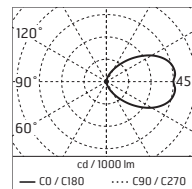


123235116 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 3W/120÷240V
 Total power 5W
 LED lm 218 ≠ FIXT lm 66
 CRI>80
 Electronic power supply included

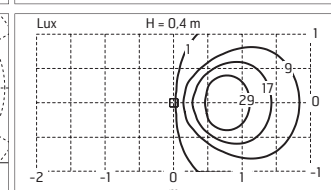
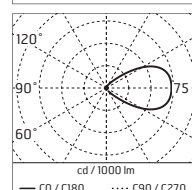
Leo120 on post / Unidirectional - Sandblasted Glass



12316146 **A**
 TC-TEL 13W GX24 q-1
 Electronic ballast



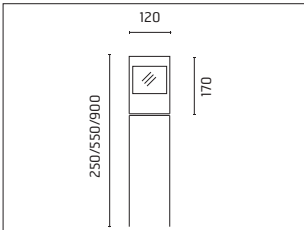
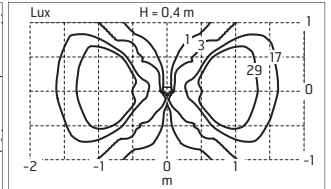
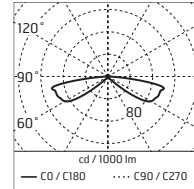
12316246 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post / Bidirectional - Transparent Glass



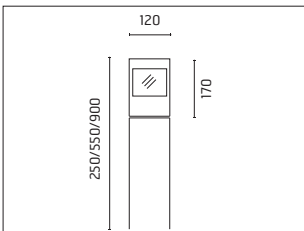
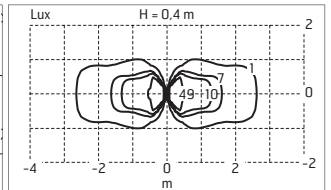
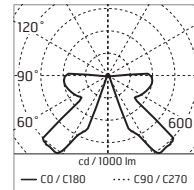
123162136 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post Power LED / Bidirectional - Transparent Glass



123165136 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(3W)/120=240V
 Total power 9W
 LED lm 2x257 = FIXT lm 2x78
 CRI>70
 Electronic power supply included



123167136 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3W)/120=240V
 Total power 9W
 LED lm 2x233 = FIXT lm 2x71
 CRI>80
 Electronic power supply included

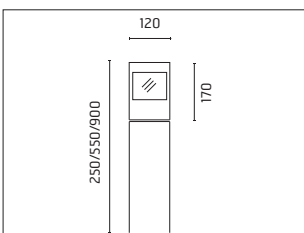
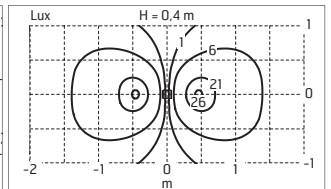
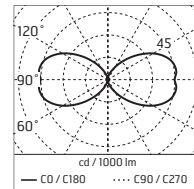


123166136 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(3W)/120=240V
 Total power 9W
 LED lm 2x218 = FIXT lm 2x66
 CRI>80
 Electronic power supply included

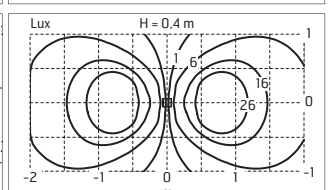
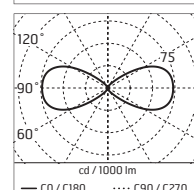
Leo120 on post / Bidirectional - Sandblasted Glass



12316147 **A**
 TC-TEL 13W GX24 q-1
 Electronic ballast



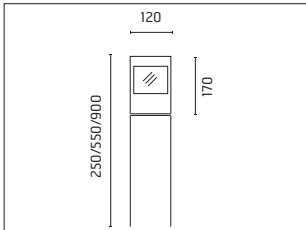
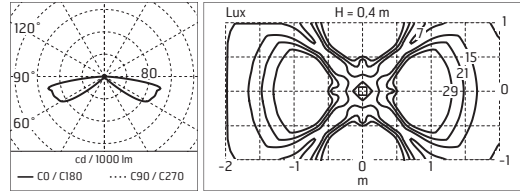
12316247 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post / Omnidirectional - Transparent Glass



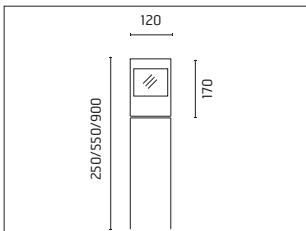
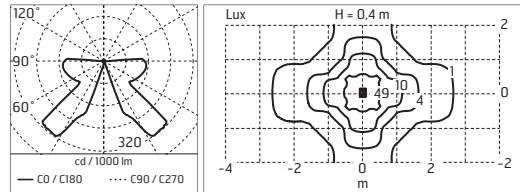
123162117 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post Power LED / Omnidirectional - Transparent Glass



123169117 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 4x(3W)/120÷240V
 Total power 13W
 LED lm 4x257 ≠ FIXT lm 4x78
 CRI>70
 Electronic power supply included



123170117 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4x(3W)/120÷240V
 Total power 13W
 LED lm 4x233 ≠ FIXT lm 4x71
 CRI>80
 Electronic power supply included



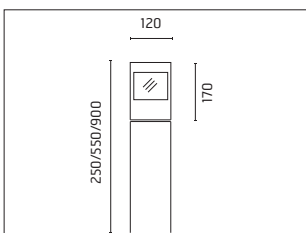
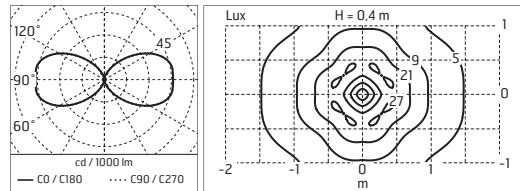
123168117 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4x(3W)/120÷240V
 Total power 13W
 LED lm 4x218 ≠ FIXT lm 4x66
 CRI>80
 Electronic power supply included



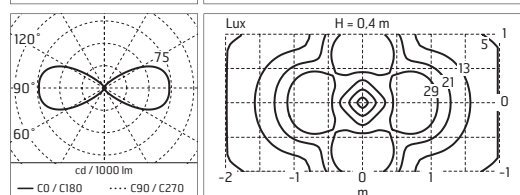
Leo120 on post / Omnidirectional - Sandblasted Glass



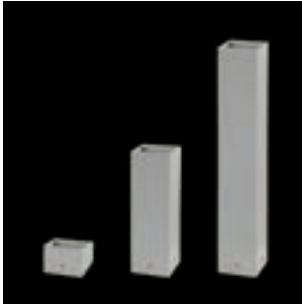
12316148 **A**
 TC-TEL 13W GX24 q-1
 Electronic ballast



12316248 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post / Poles



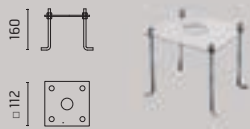
12325
H. 80 mm

12355
H. 380 mm

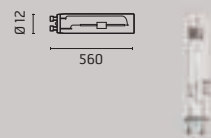
12390
H. 730 mm

Accessories: Leo120-Leo120 LED/Leo120 on post-Leo120 LED on post

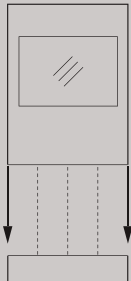
130
BASE PLATE AND FIXING BOLTS
112 x 112 x H 160mm



145
HCI-TF 20W GU6,5



Top installation on pole



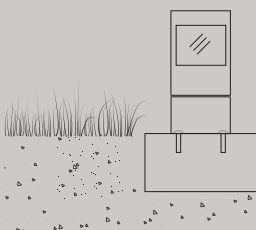
237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



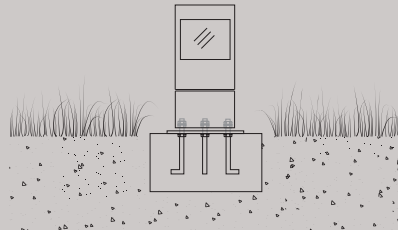
acc. code ▶	130	145	237
prod. code ▼			
12316146			
12316147			
12316148			
12316243		●	
12316244		●	
12316245		●	
12316246		●	
12316247		●	
12316248		●	
12316250		●	
12316251		●	
12316253		●	
12316254		●	
12316543			●
12316550			●
12316551			●
12316554			●
12316643			●
12316650			●
12316651			●
12316654			●

acc. code ▶	130	145	237
prod. code ▼			
12316743			●
12316750			●
12316751			●
12316754			●
12316853			●
12316953			●
12317053			●
123162116		●	
123162117		●	
123162136		●	
123165136			●
123166136			●
123167136			●
123168117			●
123169117			●
123170117			●
123233116			●
123234116			●
123235116			●
Pole			
12325	●		
12355	●		
12390	●		

Correct Fixing Method
Bollard fixed on plinth + plug



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground



Leo160

Leo160 LED

Design by Ares Concept

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass or lens with silkscreen border. Moulded silicone gaskets.
- Glass and lens fixed to the aluminium body through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8xø13mm cables). For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

IP65   CE

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

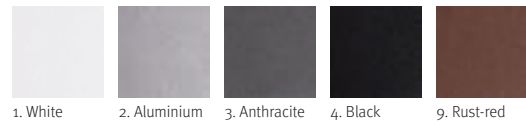
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced

A+

METAL HALIDE VERSION:
Class A+
HIT-CE/G12

A

FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-3



Leo160 on post






Leo160 on post LED

Design by Ares Concept

- Outdoor luminaire for installation on post.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass. Moulded silicone gaskets.
- Glass fixed to the aluminium body through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8\times13mm cables). For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

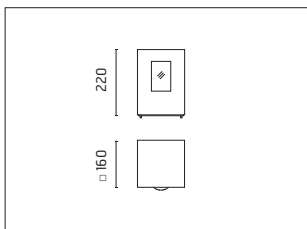
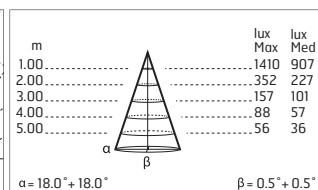
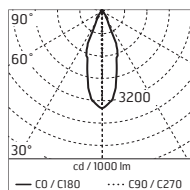
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-CE/G12
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-3



Leo160 Power LED / Unidirectional - Narrow Beam 1° - Convex Lens



12323943 A A+ A++
 COOL WHITE 6000K
 POWER LED
 4W/110÷240V
 Total power 8W
 LED lm 353 ≠ FIXT lm 42
 CRI>70
 Electronic power supply included

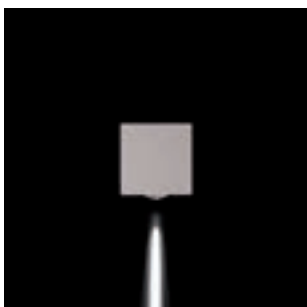


12324043 A A+ A++
 NATURAL WHITE 4000K
 POWER LED
 4W/110÷240V
 Total power 8W
 LED lm 320 ≠ FIXT lm 38
 CRI>80
 Electronic power supply included

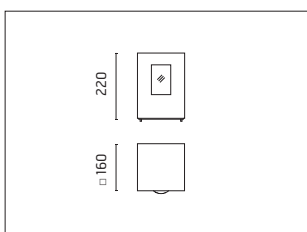
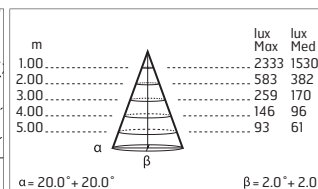
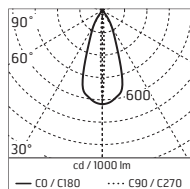


12324143 A A+ A++
 WARM WHITE 3000K
 POWER LED
 4W/110÷240V
 Total power 8W
 LED lm 300 ≠ FIXT lm 36
 CRI>80
 Electronic power supply included

Leo160 / Unidirectional - Narrow Beam 4° - Convex Lens



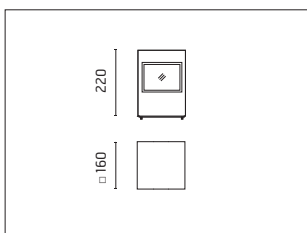
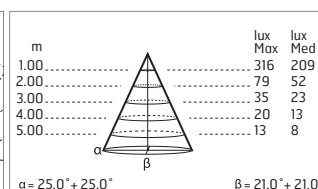
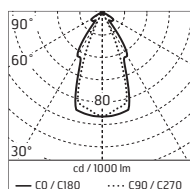
1233543 A+
 HIT-CE 35W G12
 Electronic ballast



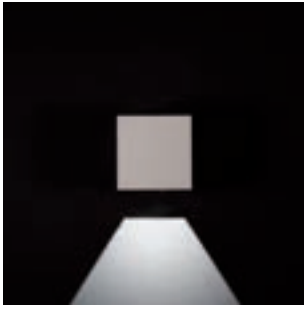
Leo160 / Unidirectional - Medium Beam 40°



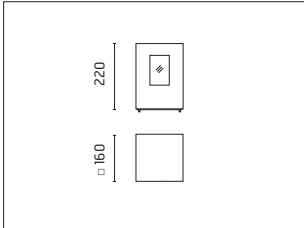
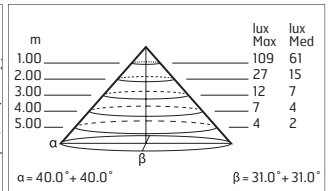
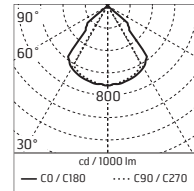
1233550 A+
 HIT-CE 35W G12
 Electronic ballast



Leo160 Power LED / Unidirectional - Wide Beam 65°



12323950 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 4W/110÷240V
 Total power 8W
 LED lm 353 ≠ FIXT lm 146
 CRI>70
 Electronic power supply included

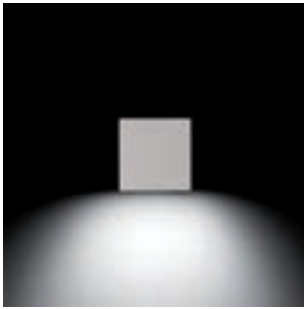


12324050 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 4W/110÷240V
 Total power 8W
 LED lm 320 ≠ FIXT lm 132
 CRI>80
 Electronic power supply included

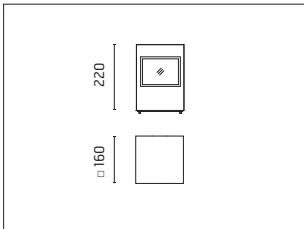
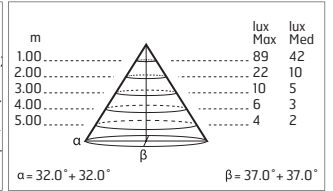
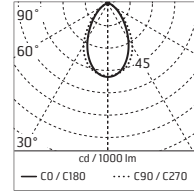


12324150 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 4W/110÷240V
 Total power 8W
 LED lm 300 ≠ FIXT lm 124
 CRI>80
 Electronic power supply included

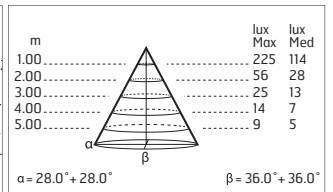
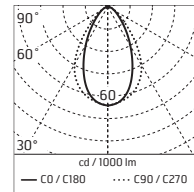
Leo160 / Unidirectional - Sandblasted Glass



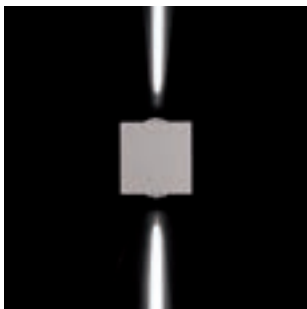
1239846 **A**
 TC-TEL 26W GX24 q-3
 Electronic ballast



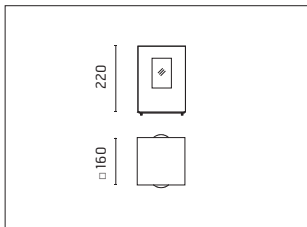
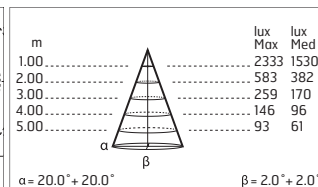
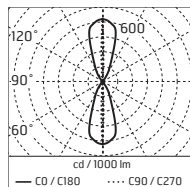
1233546 **A+**
 HIT-CE 35W G12
 Electronic ballast



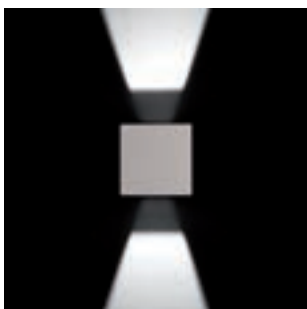
Leo160 / Bidirectional - Narrow Beam 4° - Convex Lens



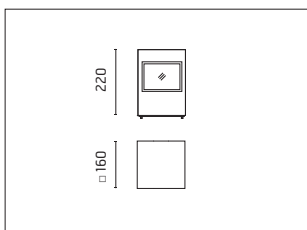
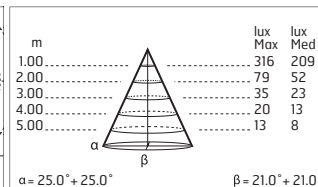
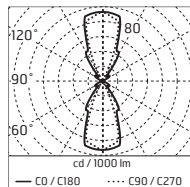
1233544 A+
 HIT-CE 35W G12
 Electronic ballast



Leo160 / Bidirectional - Medium Beam 40°



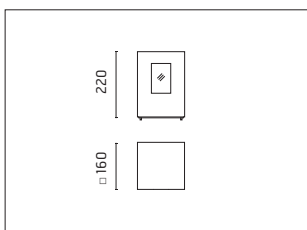
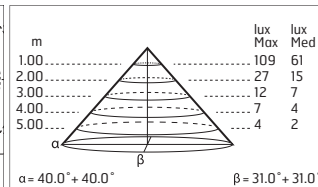
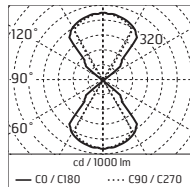
1233551 A+
 HIT-CE 35W G12
 Electronic ballast



Leo160 Power LED / Bidirectional - Wide Beam 65°



12323951 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 2x(4W)/110÷240V
 Total power 12W
 LED lm 2x353 ≠ FIXT lm 2x146
 CRI>70
 Electronic power supply included

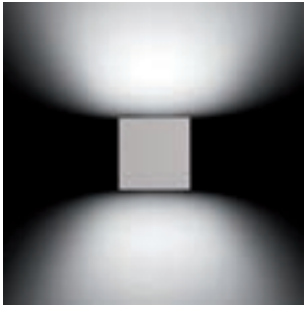


12324051 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 2x(4W)/110÷240V
 Total power 12W
 LED lm 2x320 ≠ FIXT lm 2x132
 CRI>80
 Electronic power supply included

12324151 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 2x(4W)/110÷240V
 Total power 12W
 LED lm 2x300 ≠ FIXT lm 2x124
 CRI>80
 Electronic power supply included

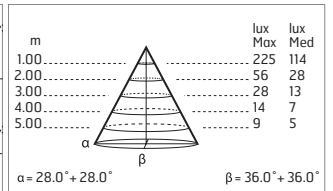
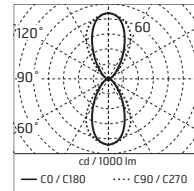
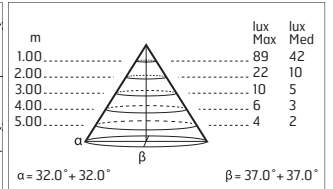
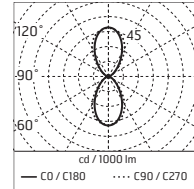
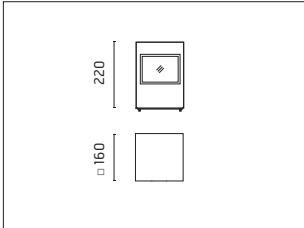


Leo160 / Bidirectional - Sandblasted Glass

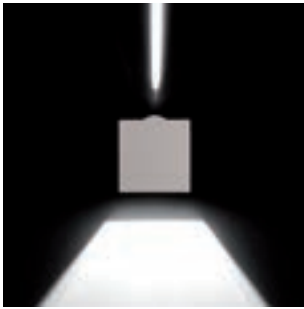


1239847 A
 TC-TEL 26W GX24 q-3
 Electronic ballast

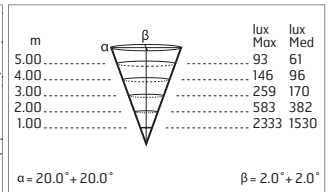
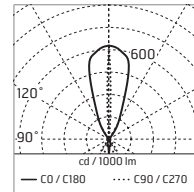
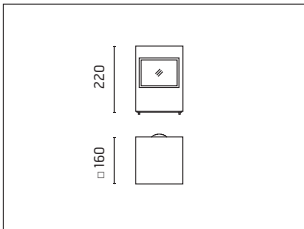
1233547 A
 HIT-CE 35W G12
 Electronic ballast



Leo160 / Bidirectional - Combined: Narrow Beam 4° (Convex Lens) + Wide Beam 75°



1233554 A+
 HIT-CE 35W G12
 Electronic ballast



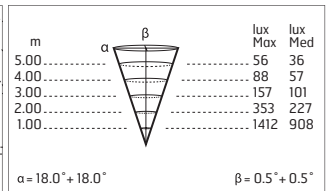
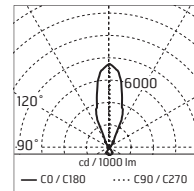
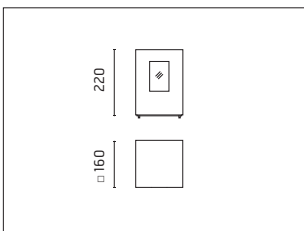
Leo160 Power LED / Bidirectional - Combined: Narrow Beam 1° (Convex Lens) + Wide Beam 65°



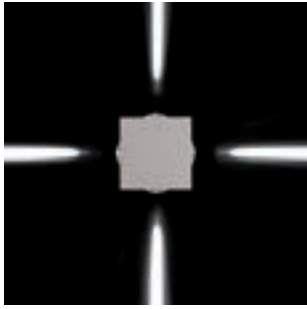
12323954 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 2x(4W)/110÷240V
 Total power 12W
 LED lm 2x353 = FIXT lm 42+146
 CRI>70
 Electronic power supply included

12324054 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 2x(4W)/110÷240V
 Total power 12W
 LED lm 2x320 = FIXT lm 38+132
 CRI>80
 Electronic power supply included

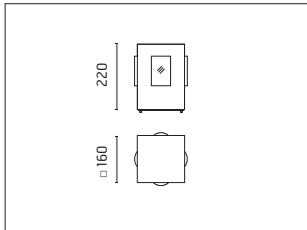
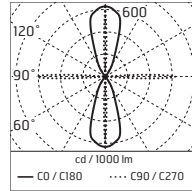
12324154 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 2x(4W)/110÷240V
 Total power 12W
 LED lm 2x300 = FIXT lm 36+124
 CRI>80
 Electronic power supply included



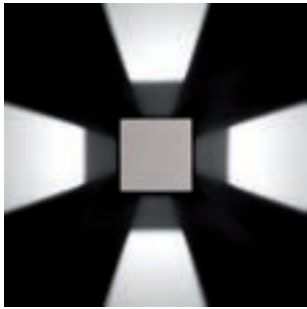
Leo160 / Omnidirectional - Narrow Beam 4° - Convex Lens



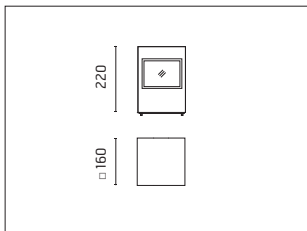
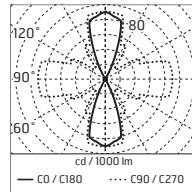
1233545 **A+**
HIT-CE 35W G12
Electronic ballast



Leo160 / Omnidirectional - Medium Beam 40°



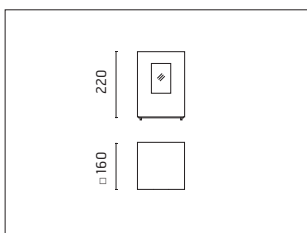
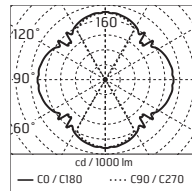
1233553 **A+**
HIT-CE 35W G12
Electronic ballast



Leo160 Power LED / Omnidirectional - Wide Beam 65°



12324253 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
4x(4W)/110÷240V
Total power 18W
LED lm 4x353 ≠ FIXT lm 4x146
CRI>70
Electronic power supply included

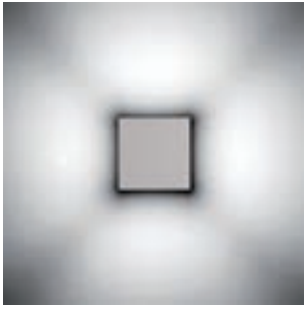


12324353 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
4x(4W)/110÷240V
Total power 18W
LED lm 4x320 ≠ FIXT lm 4x132
CRI>80
Electronic power supply included

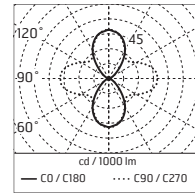


12324453 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
4x(4W)/110÷240V
Total power 18W
LED lm 4x300 ≠ FIXT lm 4x124
CRI>80
Electronic power supply included

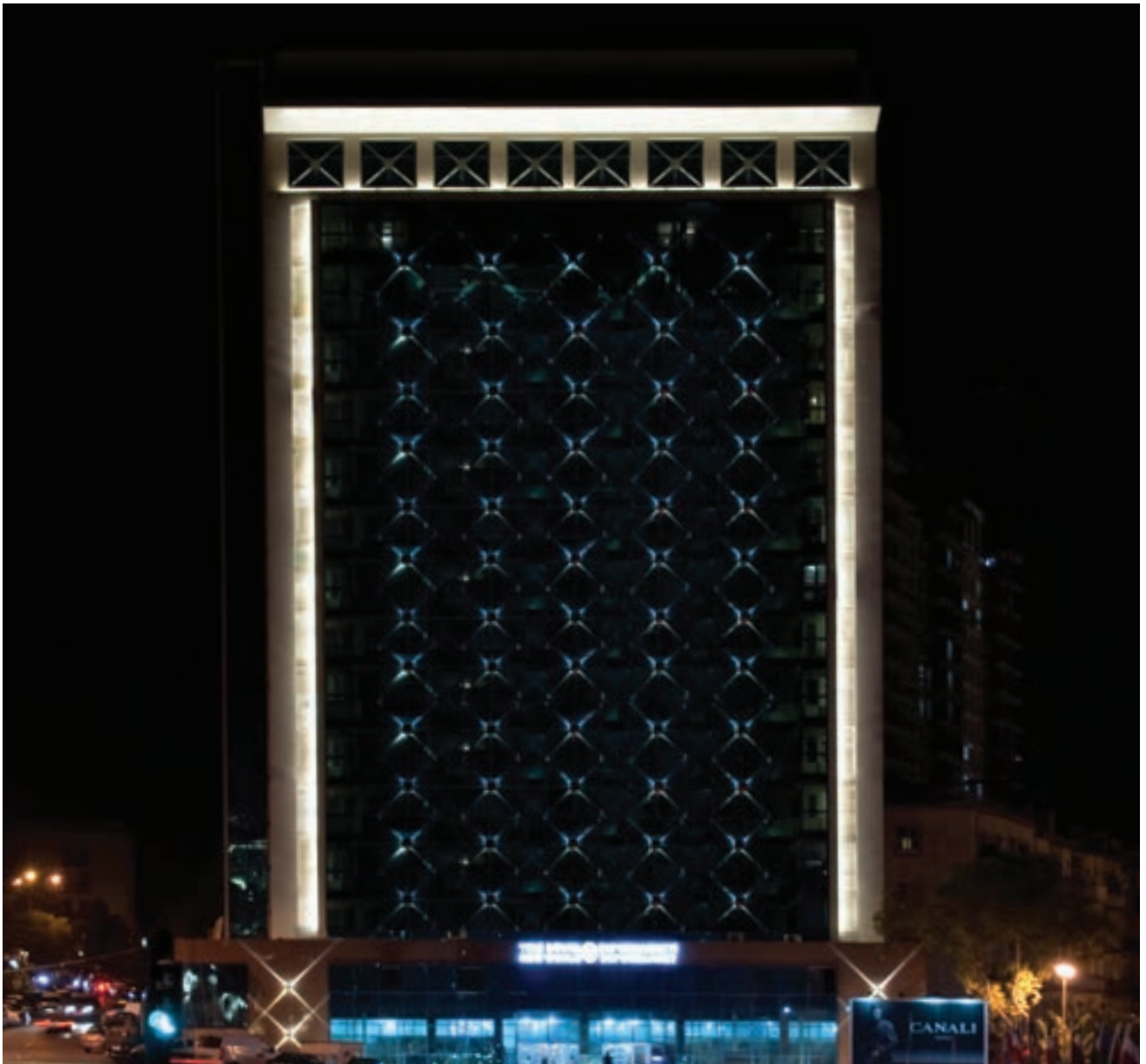
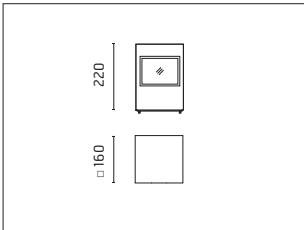
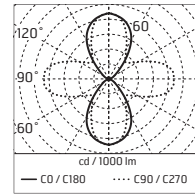
Leo160 / Omnidirectional - Sandblasted Glass



1239848 A
 TC-TEL 26W GX24 q-3
 Electronic ballast



1233548 A+
 HIT-CE 35W G12
 Electronic ballast

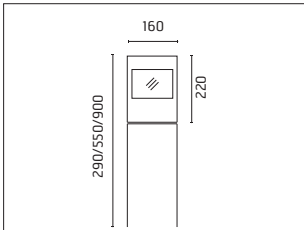
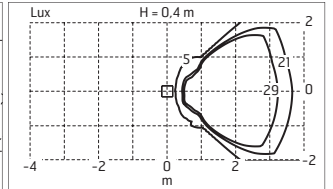
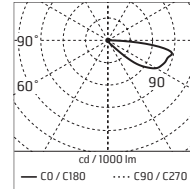




Leo160 on post / Unidirectional - Transparent Glass



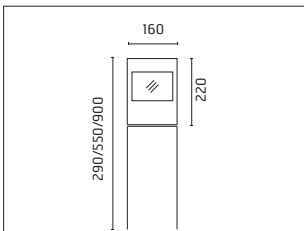
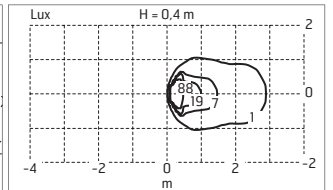
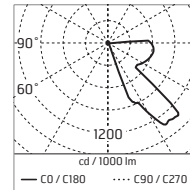
12335116 A+
 HIT-CE 35W G12
 Electronic ballast



Leo160 on post Power LED / Unidirectional - Transparent Glass



123239116 A A+ A++
 COOL WHITE 6000K
 POWER LED
 4W / 110÷240V
 Total power 8W
 LED lm 353 ÷ FIXT lm 103
 CRI>70
 Electronic power supply included



123240116 A A+ A++
 NATURAL WHITE 4000K
 POWER LED
 4W / 110÷240V
 Total power 8W
 LED lm 320 ÷ FIXT lm 93
 CRI>80
 Electronic power supply included

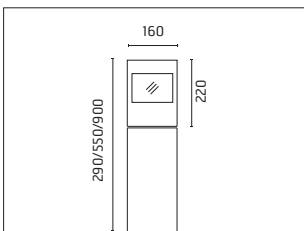
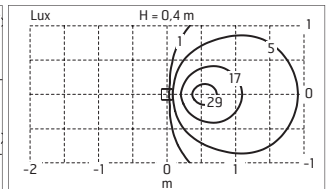
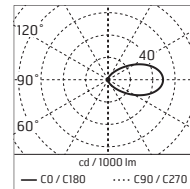


123241116 A A+ A++
 WARM WHITE 3000K
 POWER LED
 4W / 110÷240V
 Total power 8W
 LED lm 300 ÷ FIXT lm 87
 CRI>80
 Electronic power supply included

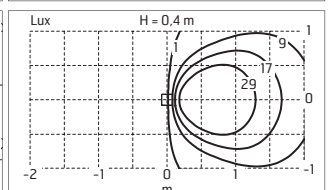
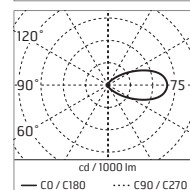
Leo160 on post / Unidirectional - Sandblasted Glass



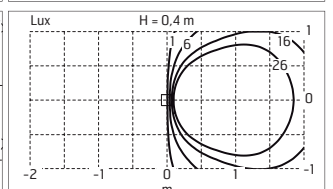
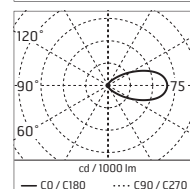
1239846 A
 TC-TEL 26W GX24 q-3
 Electronic ballast



1233546 A+
 HIT-CE 35W G12
 Electronic ballast



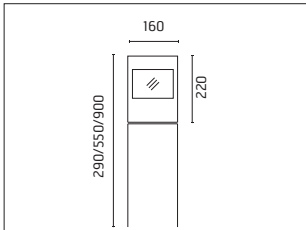
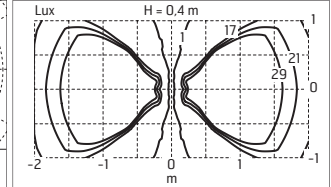
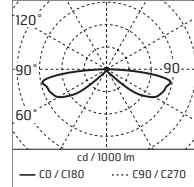
1237146 A+
 HIT-CE 70W G12
 Electronic ballast



Leo160 on post / Bidirectional - Transparent Glass



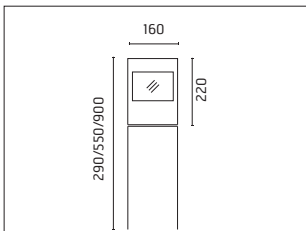
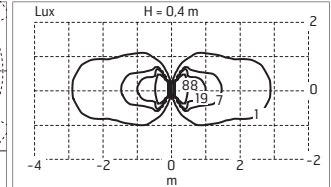
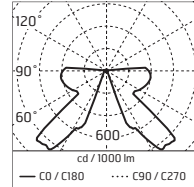
12335136 **A+**
HIT-CE 35W G12
Electronic ballast



Leo160 on post Power LED / Bidirectional - Transparent Glass



123239136 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
2x(4W)/110÷240V
Total power 12W
LED lm 2x353 ≠ FIXT lm 2x103
CRI>70
Electronic power supply included



123240136 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
2x(4W)/110÷240V
Total power 12W
LED lm 2x320 ≠ FIXT lm 2x93
CRI>80
Electronic power supply included

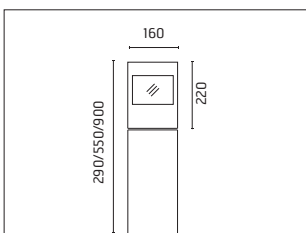
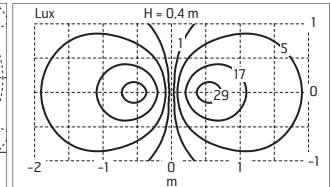
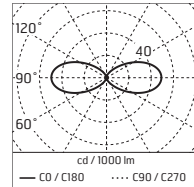


123241136 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
2x(4W)/110÷240V
Total power 12W
LED lm 2x300 ≠ FIXT lm 2x87
CRI>80
Electronic power supply included

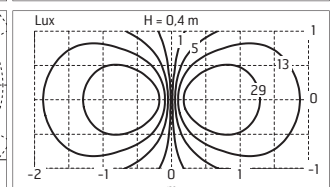
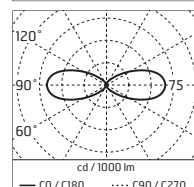
Leo160 on post / Bidirectional - Sandblasted Glass



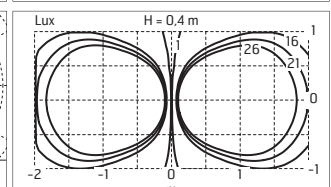
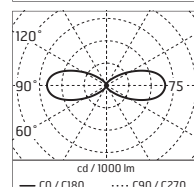
1239847 **A**
TC-TEL 26W GX24 q-3
Electronic ballast



1233547 **A+**
HIT-CE 35W G12
Electronic ballast



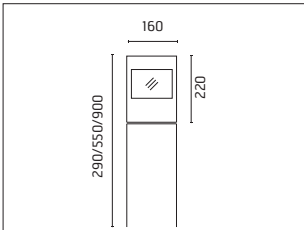
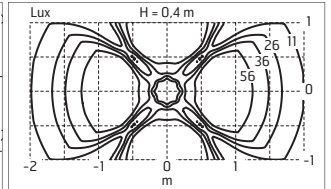
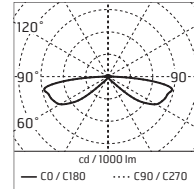
1237147 **A+**
HIT-CE 70W G12
Electronic ballast



Leo160 on post / Omnidirectional - Transparent Glass



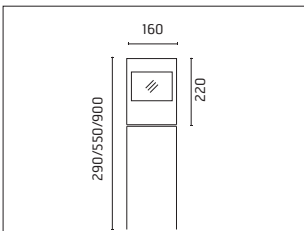
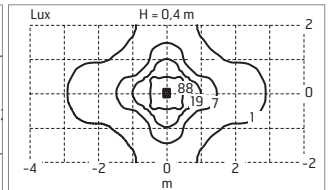
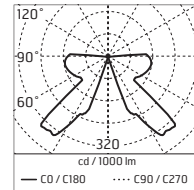
12335117 A+
 HIT-CE 35W G12
 Electronic ballast



Leo160 on post Power LED / Omnidirectional - Transparent Glass



123242117 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 4x(4W)/110-240V
 Total power 18W
 LED lm 4x353 = FIXT lm 4x103
 CRI>70
 Electronic power supply included



123243117 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 4x(4W)/110-240V
 Total power 18W
 LED lm 4x320 = FIXT lm 4x93
 CRI>80
 Electronic power supply included

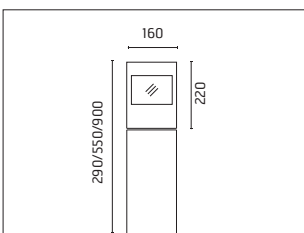
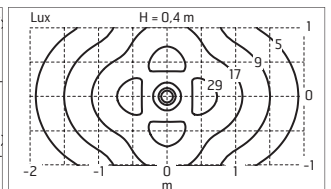
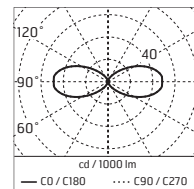


123244117 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 4x(4W)/110-240V
 Total power 18W
 LED lm 4x300 = FIXT lm 4x87
 CRI>80
 Electronic power supply included

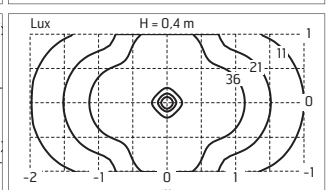
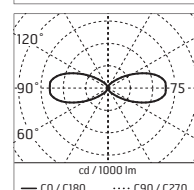
Leo160 on post / Omnidirectional - Sandblasted Glass



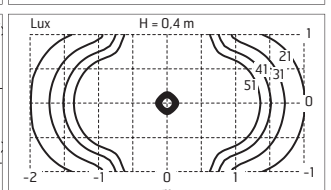
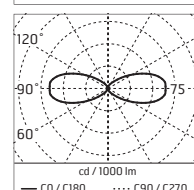
1239848 A
 TC-TEL 26W GX24 q-3
 Electronic ballast



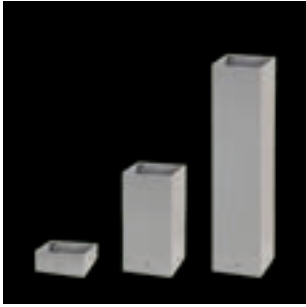
1233548 A+
 HIT-CE 35W G12
 Electronic ballast



1237148 A+
 HIT-CE 70W G12
 Electronic ballast



Leo160 on post / Poles



12425
H. 70 mm

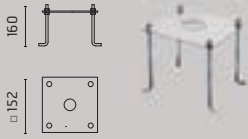
12455
H. 330 mm

12490
H. 680 mm



Accessories: Leo160-Leo160 LED/Leo160 on post-Leo160 on post LED

131
 BASE PLATE AND FIXING BOLTS
 152 x 152 x H 160mm



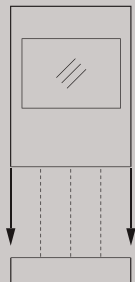
237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



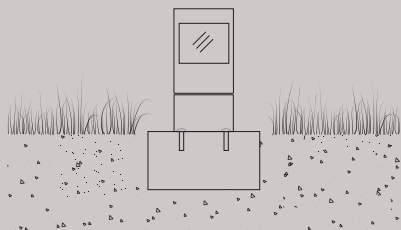
acc. code ▶	131	237
prod. code ▼		
1233543		
1233544		
1233545		
1233546		
1233547		
1233548		
1233550		
1233551		
1233553		
1233554		
1237146		
1237147		
1237148		
1239846		
1239847		
1239848		
12323943		●
12323950		●
12323951		●
12323954		●
12324043		●
12324050		●
12324051		●
12324054		●
12324143		●
12324150		●
12324151		●
12324154		●

acc. code ▶	131	237
prod. code ▼		
12324253		●
12324353		●
12324453		●
12335116		
12335117		
12335136		
123239116		●
123239136		●
123240116		●
123240136		●
123241116		●
123241136		●
123242117		●
123243117		●
123244117		●
Pole		
12425	●	
12455	●	
12490	●	

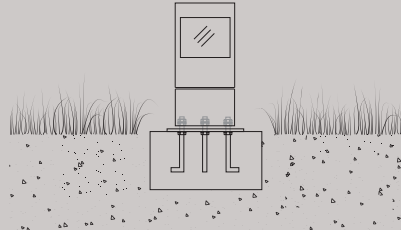
Top installation on pole



Correct Fixing Method
 Bollard fixed on plinth + plug



Correct Fixing Method
 Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
 Do not fix the bollard directly on the ground



Midna





Midna Midna LED

Design by Ares Concept

IP65   

- Outdoor luminaire for surface installation on wall
- Configuration: polycarbonate structure and die-cast aluminium cover and base EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Expanded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two EPDM cable holders (8x13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of cable holders. Installation through two dedicated fixing holes external to the sealed unit.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced

FLUORESCENT VERSION:
Class A
TC-DEL/G24q-2



Wall fitting



The fitting is equipped
with 2 cable input.

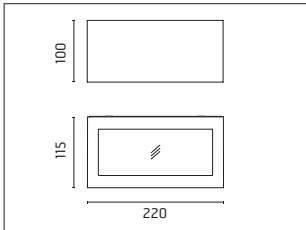
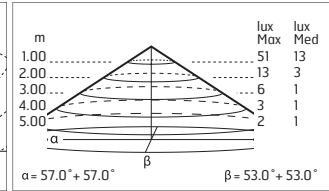
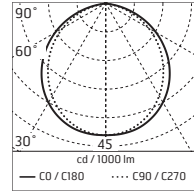


Protection against
impact.
IK 09 - 10,00 joule

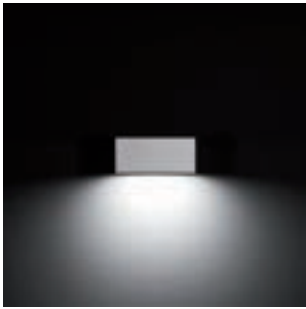
Midna / Unidirectional



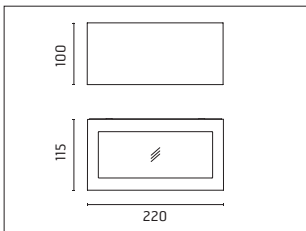
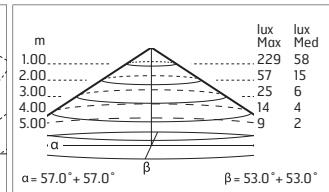
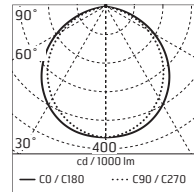
529001 **A**
TC-DEL 18W G24q-2
Electronic ballast



Midna Mid-Power LED / Unidirectional

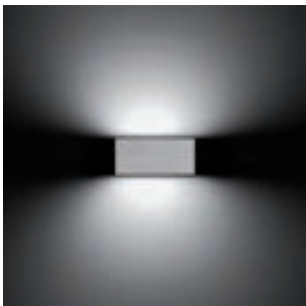


529002 **A A+ A++**
COOL WHITE 6000K
MID-POWER LEDs
8W/220-240V
Total power 12W
LED lm 1178 ≠ FIXT lm 616
CRI>70
Electronic power supply included

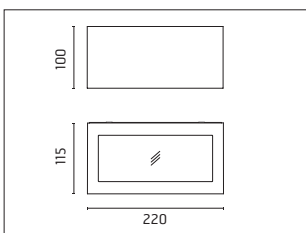
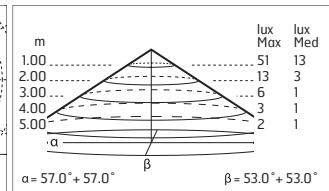
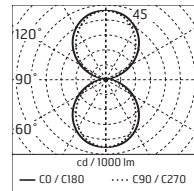


529003 **A A+ A++**
NATURAL WHITE 4000K
MID-POWER LEDs
8W/220-240V
Total power 12W
LED lm 1136 ≠ FIXT lm 594
CRI>80
Electronic power supply included

Midna / Bidirectional



529005 **A**
TC-DEL 18W G24q-2
Electronic ballast



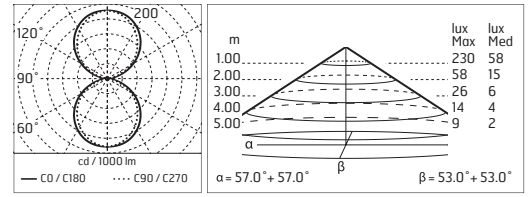
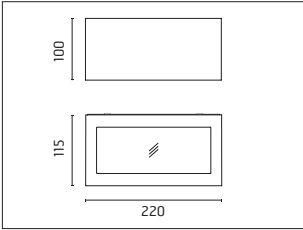
Midna Mid-Power LED / Bidirectional



529006 A A+ A++
 COOL WHITE 6000K
 MID-POWER LEDs
 2x(8W)/220-240V
 Total power 18W
 LED lm 2x1178 ≠ FIXT lm 2x616
 CRI>70
 Electronic power supply included

529007 A A+ A++
 NATURAL WHITE 4000K
 MID-POWER LEDs
 2x(8W)/220-240V
 Total power 18W
 LED lm 2x1136 ≠ FIXT lm 2x594
 CRI>80
 Electronic power supply included

529008 A A+ A++
 WARM WHITE 3000K
 MID-POWER LEDs
 2x(8W)/220-240V
 Total power 18W
 LED lm 2x1094 ≠ FIXT lm 2x572
 CRI>80
 Electronic power supply included



Accessories: Midna - Midna LED

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
529001	
529002	●
529003	●
529004	●
529005	
529006	●

acc. code ▶	237
prod. code ▼	
529007	●
529008	●

Clara





Clara Clara LED

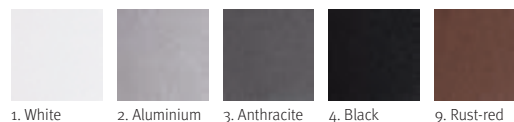
Design by KM-Lightetica

IP65

- Outdoor luminaire for installation overdoor or on wall.
- Configuration: die-cast aluminium structure . EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered sandblasted glass with silk-screen border. A robotic gluing system (silicone) fixes the glass to the structure.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two EPDM rubber cable glands (5xø9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.

EU Regulation 874/2012 - Illumination equipment energy classes

- A⁺⁺** **LED VERSION:**
Class A/A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced
- A⁺**
- A**
- A** **FLUORESCENT VERSION:**
Class A
TC-L/2G11



Wall fitting



The fitting is equipped with 2 cable input

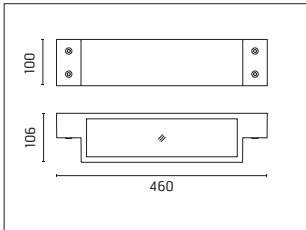
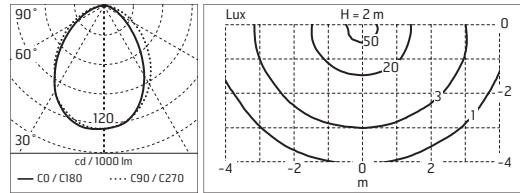


Protection against impact.
IK 07 - 2,00 joule

Clara / Unidirectional



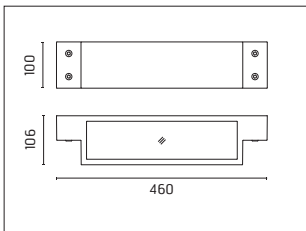
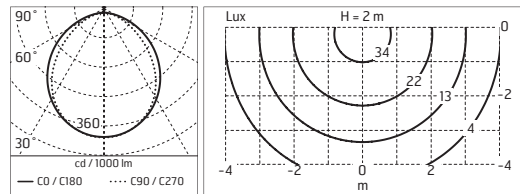
981700 **A**
TC-L 24W 2G11
Electronic ballast



Clara Power LED / Unidirectional



9812400 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
6x1W/220÷240V
Total power 12W
LED lm 780 ≠ FIXT lm 374
CRI>70
Electronic power supply included



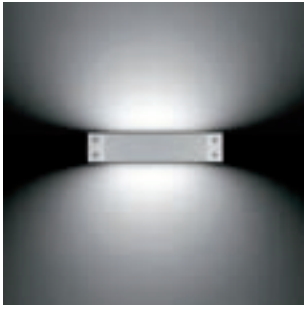
9821100 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
6x1W/220÷240V
Total power 12W
LED lm 672 ≠ FIXT lm 322
CRI>80
Electronic power supply included



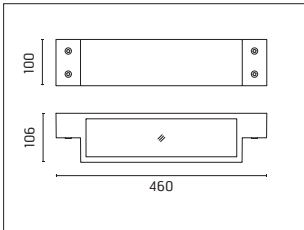
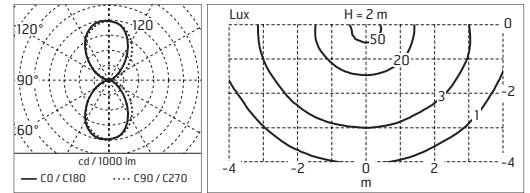
9812500 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
6x1W/220÷240V
Total power 12W
LED lm 624 ≠ FIXT lm 299
CRI>80
Electronic power supply included



Clara / Bidirectional



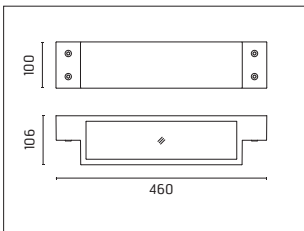
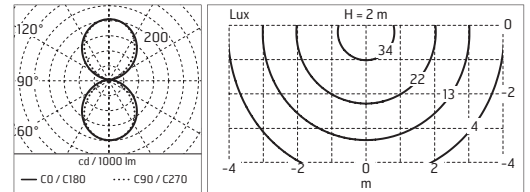
981722 A
TC-L 24W 2G11
Electronic ballast



Clara Power LED / Bidirectional



9812422 A A+ A++
COOL WHITE 6000K
POWER LEDs
2x(6x1W)/220÷240V
Total power 18W
LED lm 2x780 = FIXT lm 2x374
CRI>70
Electronic power supply included



9821122 A A+ A++
NATURAL WHITE 4000K
POWER LEDs
2x(6x1W)/220÷240V
Total power 18W
LED lm 2x672 = FIXT lm 2x322
CRI>80
Electronic power supply included



9812522 A A+ A++
WARM WHITE 3000K
POWER LEDs
2x(6x1W)/220÷240V
Total power 18W
LED lm 2x624 = FIXT lm 2x299
CRI>80
Electronic power supply included

Accessories: Clara - Clara LED

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
981700	
981722	
9812400	•
9812422	•
9812500	•
9812522	•

acc. code ▶	237
prod. code ▼	
9821100	•
9821122	•

Melrie



Melrie






Melrie LED

Design by Gigetto

IP65    

- Outdoor luminaire for surface installation on wall
- Configuration: polycarbonate structure and die-cast aluminium cover, die-cast aluminium base (MaxiMelrie) EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Expanded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: Melrie II; MaxiMelrie I
- Installation: Melrie wiring through two rubber cable holders (5\times10mm cables); MaxiMelrie wiring through two rubber cable holders (8\times13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of cable holders. Installation through two dedicated fixing holes external to the sealed unit.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-1 TC-DEL/G24q-3
	HALOGEN VERSION: Class D QT26/E14



Accessories: Melrie - Melrie LED

Accessories chart

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



acc. code ▶ 237

prod. code ▼

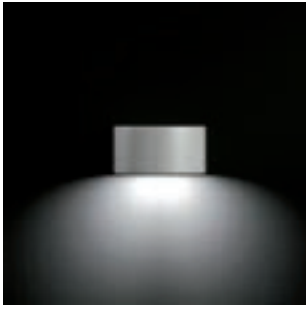
481121	
481122	
485721	
485722	
486121	
486122	

acc. code ▶ 237

prod. code ▼

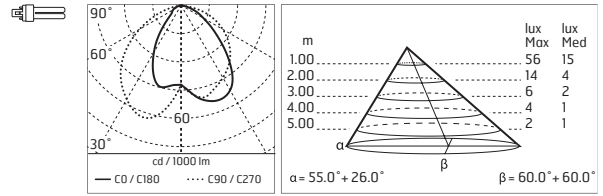
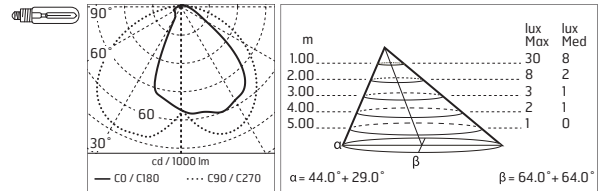
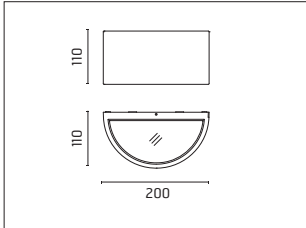
4827321	●
4827322	●
4827421	●
4827422	●
4827521	●
4827522	●

Melrie / Unidirectional Version



481121
QT 26 40W E14

485721
TC-DEL 13W G24q-1
Electronic ballast

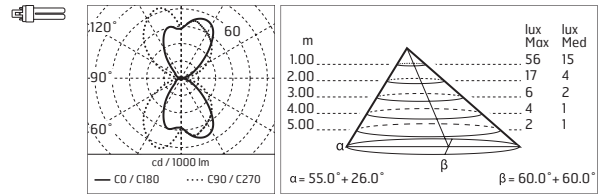
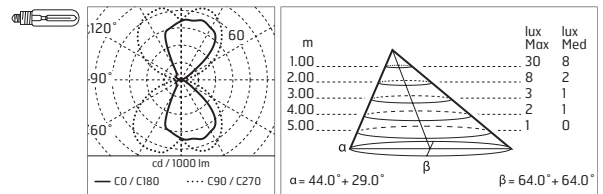
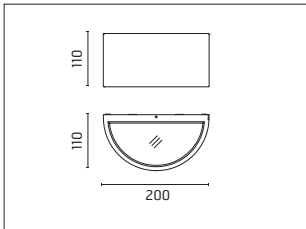


Melrie / Bidirectional Version



481122
QT 26 40W E14

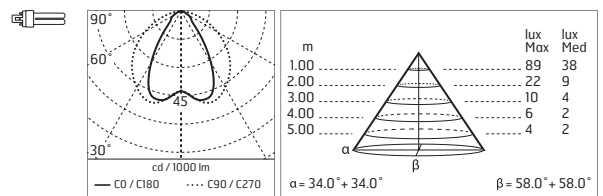
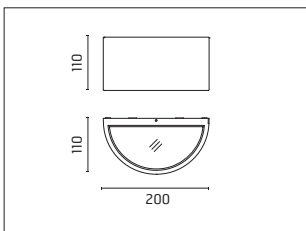
485722
TC-DEL 13W G24q-1
Electronic ballast



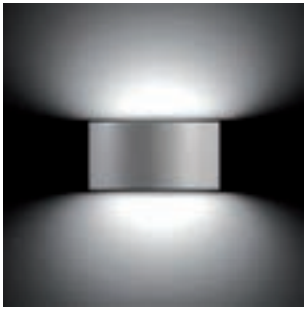
MaxiMelrie / Unidirectional Version



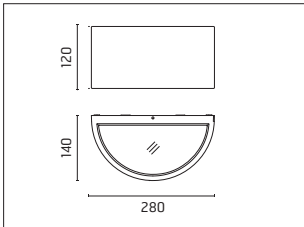
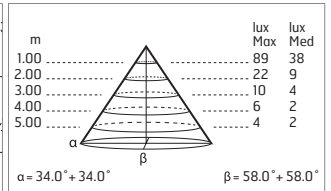
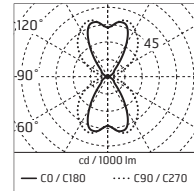
486121
TC-DEL 26W G24q-3
Electronic ballast



MaxiMelrie / Bidirectional Version



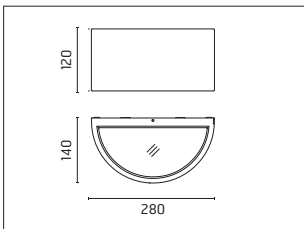
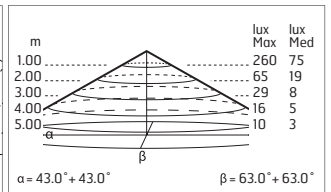
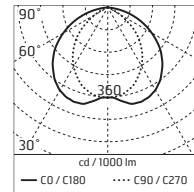
486122
 TC-DEL 26W G24q-3
 Electronic ballast



MaxiMelrie Mid-Power LED / Unidirectional Version



4827321
 COOL WHITE 6000K
 MID-POWER LEDs
 8W /220÷240V
 Total power 12W
 LED lm 1269 ≠ FIXT lm 717
 CRI>70
 Electronic power supply included

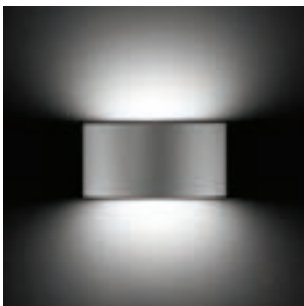


4827421
 NATURAL WHITE 4000K
 MID-POWER LEDs
 8W /220÷240V
 Total power 12W
 LED lm 1223 ≠ FIXT lm 692
 CRI>80
 Electronic power supply included

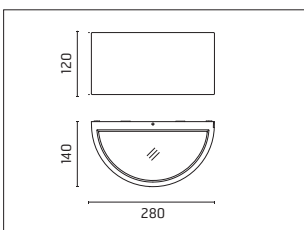
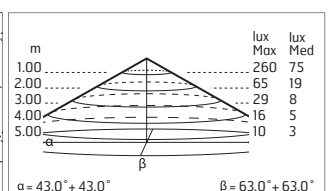
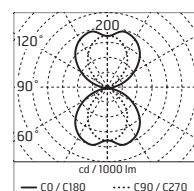
4827521
 WARM WHITE 3000K
 MID-POWER LEDs
 8W /220÷240V
 Total power 12W
 LED lm 1178 ≠ FIXT lm 666
 CRI>80
 Electronic power supply included



MaxiMelrie Mid-Power LED / Bidirectional Version



4827322
 COOL WHITE 6000K
 MID-POWER LEDs
 2x(8W)/220÷240V
 Total power 18W
 LED lm 2x1269 ≠ FIXT lm 2x717
 CRI>70
 Electronic power supply included



4827422
 NATURAL WHITE 4000K
 MID-POWER LEDs
 2x(8W)/220÷240V
 Total power 18W
 LED lm 2x1223 ≠ FIXT lm 2x692
 CRI>80
 Electronic power supply included

4827522
 WARM WHITE 3000K
 MID-POWER LEDs
 2x(8W)/220÷240V
 Total power 18W
 LED lm 2x1178 ≠ FIXT lm 2x666
 CRI>80
 Electronic power supply included



Emma





Emma70

Emma70 LED

Design by Ares Concept

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; dichroic bulb and LED module: II
- Installation: wiring through one cable holder (5xØ10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

IP65    CE

EU Regulation 874/2012 - Illumination equipment energy classes

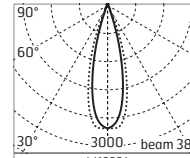
A++	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
A+	
A	
B	HALOGEN VERSION: Class B QR-CBC51/GU5.3
D	HALOGEN VERSION: Class D QRPARCBC51/GZ10



Emma70 / Unidirectional



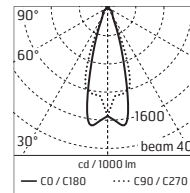
1163321 **B**
 QR CBC 51 35W
 230-240V GU5.3
 Electronic transformer



m	lux	
	Max	Med
1.00	1831	1188
2.00	458	297
3.00	203	132
4.00	114	74
5.00	73	48

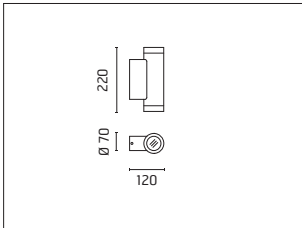
$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

1162821 **D**
 PAR 16 50W/230V GZ10



m	lux	
	Max	Med
1.00	1247	730
2.00	312	182
3.00	139	81
4.00	78	46
5.00	50	29

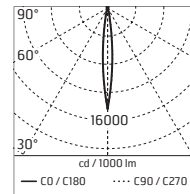
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



Emma70 Power LED / Unidirectional - Narrow Beam 10°



1167312 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 404 ≠ FIXT lm 351
 CRI>70
 Electronic power supply included



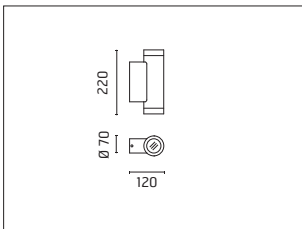
m	lux	
	Max	Med
1.00	5019	3068
2.00	1255	767
3.00	558	341
4.00	314	192
5.00	201	123

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

11617212 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 344 ≠ FIXT lm 298
 CRI>80
 Electronic power supply included



1165612 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 311 ≠ FIXT lm 270
 CRI>80
 Electronic power supply included

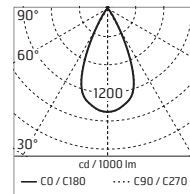


POWER LED
3x

Emma70 Power LED / Unidirectional - Wide Beam 50°



1167321 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 404 ≠ FIXT lm 290
 CRI>70
 Electronic power supply included



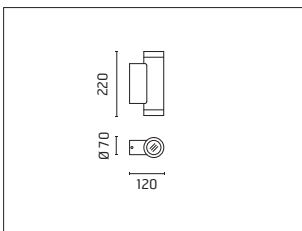
m	lux	
	Max	Med
1.00	427	253
2.00	107	63
3.00	47	28
4.00	27	16
5.00	17	10

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

11617221 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 344 ≠ FIXT lm 247
 CRI>80
 Electronic power supply included

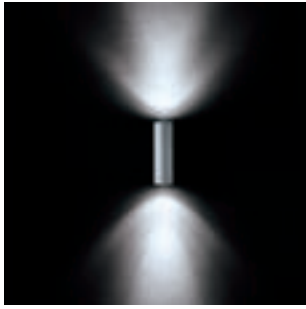


1165621 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 311 ≠ FIXT lm 223
 CRI>80
 Electronic power supply included

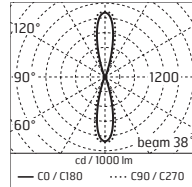


POWER LED
3x

Emma70 / Bidirectional



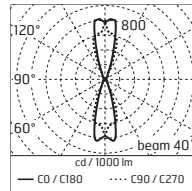
1163342 **B**
QR CBC 51 2x35W
230-240V GU5,3
Electronic transformer



m	lux	
	Max	Med
1.00	1832	1189
2.00	458	297
3.00	204	132
4.00	115	74
5.00	73	48

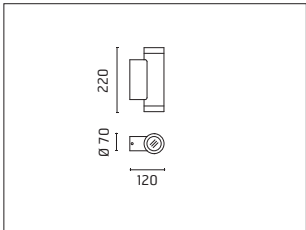
$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

1162842 **D**
PAR 16 2x50W/230V GZ10

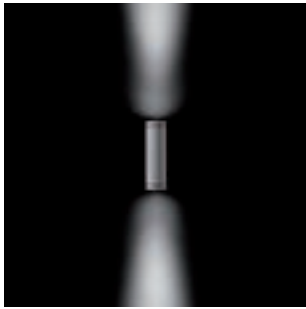


m	lux	
	Max	Med
1.00	1249	731
2.00	312	183
3.00	139	81
4.00	78	46
5.00	50	29

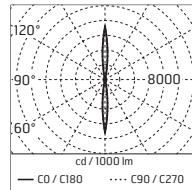
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



Emma70 Power LED / Bidirectional - Narrow Beam 10°



11673113 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
2x(3x1W)/110÷240V
Total power 10W
LED lm 2x404 ≠ FIXT lm 2x351
CRI>70
Electronic power supply included



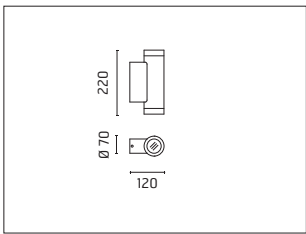
m	lux	
	Max	Med
1.00	5019	3068
2.00	1255	767
3.00	558	341
4.00	314	192
5.00	201	123

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

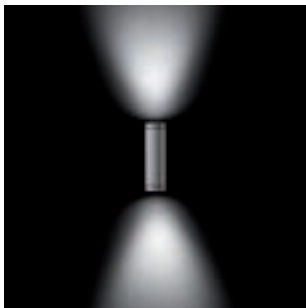
116172113 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
2x(3x1W)/110÷240V
Total power 10W
LED lm 2x344 ≠ FIXT lm 2x298
CRI>80
Electronic power supply included



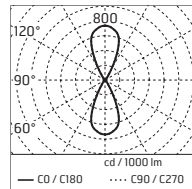
11656113 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
2x(3x1W)/110÷240V
Total power 10W
LED lm 2x311 ≠ FIXT lm 2x270
CRI>80
Electronic power supply included



Emma70 Power LED / Bidirectional - Wide Beam 50°



1167342 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
2x(3x1W)/110÷240V
Total power 10W
LED lm 2x404 ≠ FIXT lm 2x290
CRI>70
Electronic power supply included



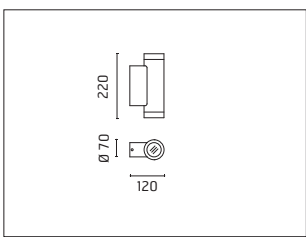
m	lux	
	Max	Med
1.00	427	253
2.00	107	63
3.00	47	28
4.00	27	16
5.00	17	10

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

11617242 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
2x(3x1W)/110÷240V
Total power 10W
LED lm 2x344 ≠ FIXT lm 2x247
CRI>80
Electronic power supply included



1165642 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
2x(3x1W)/110÷240V
Total power 10W
LED lm 2x311 ≠ FIXT lm 2x223
CRI>80
Electronic power supply included





Accessories: Emma70 - Emma70 LED

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
1162821	
1162842	
1163321	
1163342	
1165612	●
1165621	●

acc. code ▶	237
prod. code ▼	
1165642	●
1167312	●
1167321	●
1167342	●
11617212	●
11617221	●

acc. code ▶	237
prod. code ▼	
11617242	●
11656113	●
11673113	●
116172113	●

Emma110







Emma110 LED

Design by Ares Concept

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium fixing base and frames. EN AB-47100 alloy (low copper content), extruded aluminium body.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (5xØ9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

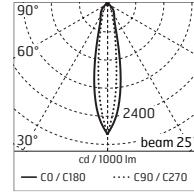
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A/A+
	HIT-TC-CE/G8,5
	HALOGEN VERSION: Class D QRPARCBC51/GZ10



Emma110 / Unidirectional

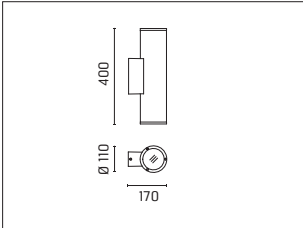


1170121 D
QPAR20 50W E27



m	lux	
	Max	Med
1.00	921	545
2.00	243	136
3.00	108	61
4.00	61	34
5.00	39	22

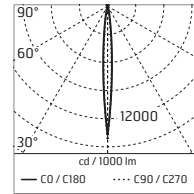
$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$



Emma110 / Unidirectional - Narrow Beam 10°

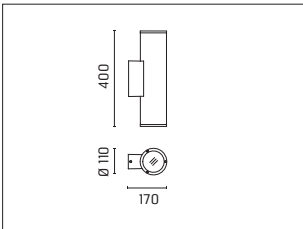


1176612 A A+
HIT-TC-CE 20W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	23238	14073
2.00	5810	3518
3.00	2582	1564
4.00	1452	880
5.00	930	563

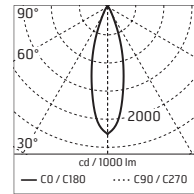
$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$



Emma110 / Unidirectional - Medium Beam 30°

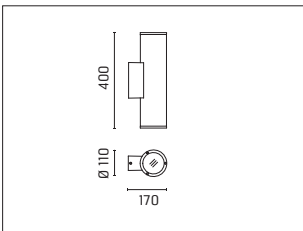


1176621 A A+
HIT-TC-CE 20W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	3737	2261
2.00	934	565
3.00	415	251
4.00	234	141
5.00	149	90

$\alpha = 15.0^\circ + 15.0^\circ$



Emma110 CoB LED / Unidirectional - Narrow Beam 20°



117268146 A A+ A++

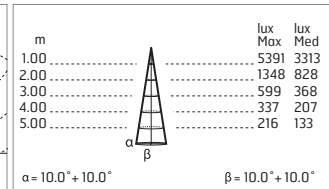
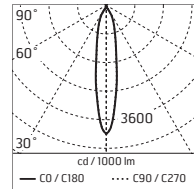
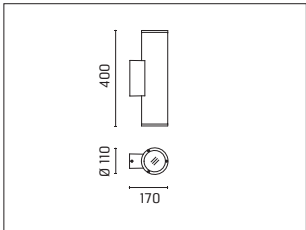
NATURAL WHITE 4000K
CoB LED
12W/220-240V
Total power 15W
LED lm 1484 ≠ FIXT lm 1331
CRI>80

Electronic power supply included

117269146 A A+ A++

WARM WHITE 3000K
CoB LED
12W/220-240V
Total power 15W
LED lm 1310 ≠ FIXT lm 1175
CRI>80

Electronic power supply included



Emma110 CoB LED / Unidirectional - Medium Beam 40°



117268147 A A+ A++

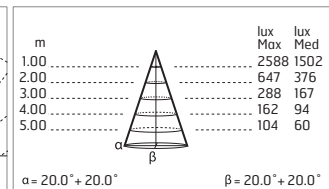
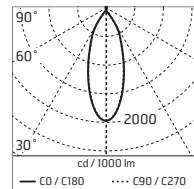
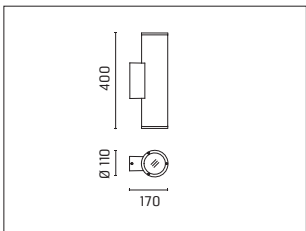
NATURAL WHITE 4000K
CoB LED
12W/220-240V
Total power 15W
LED lm 1484 ≠ FIXT lm 1321
CRI>80

Electronic power supply included

117269147 A A+ A++

WARM WHITE 3000K
CoB LED
12W/220-240V
Total power 15W
LED lm 1310 ≠ FIXT lm 1166
CRI>80

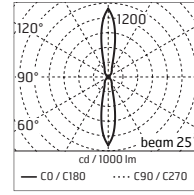
Electronic power supply included



Emma110 / Bidirectional

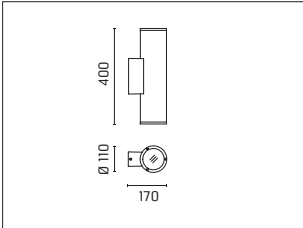


1170242 D
QPAR20 2x50W E27

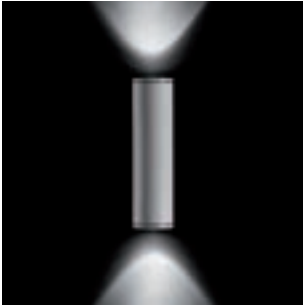


m	lux	
	Max	Med
1.00	972	546
2.00	243	136
3.00	108	61
4.00	61	34
5.00	39	22

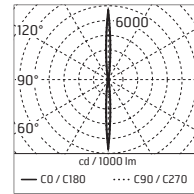
$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$



Emma110 / Bidirectional - Narrow Beam 10°

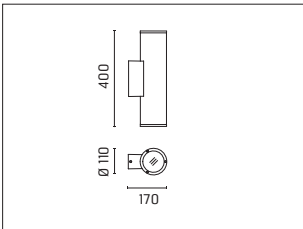


11715012 A A+
HIT-TC-CE 2x20W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	23240	14074
2.00	5810	3519
3.00	2582	1567
4.00	1453	880
5.00	930	563

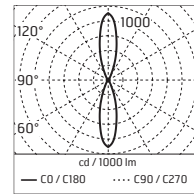
$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$



Emma110 / Bidirectional - Medium Beam 30°

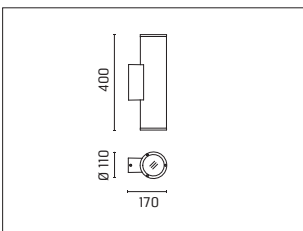


11715042 A A+
HIT-TC-CE 2x20W G8.5
Electronic ballast

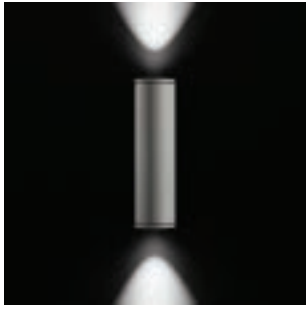


m	lux	
	Max	Med
1.00	3740	2263
2.00	935	566
3.00	416	251
4.00	234	151
5.00	150	91

$\alpha = 15.0^\circ + 14.0^\circ$



Emma110 CoB LED / Bidirectional - Narrow Beam 20°



117268148 A A+ A++

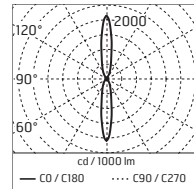
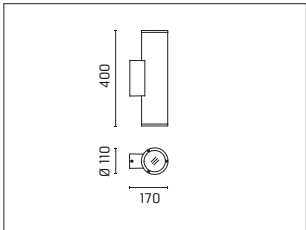
NATURAL WHITE 4000K
CoB LEDs
2x(12W)/220-240V
Total power 30W
LED lm 2x1484 ≠ FIXT lm 2x1331
CRI>80

Electronic power supply included

117269148 A A+ A++

WARM WHITE 3000K
CoB LEDs
2x(12W)/220-240V
Total power 30W
LED lm 2x1310 ≠ FIXT lm 2x1175
CRI>80

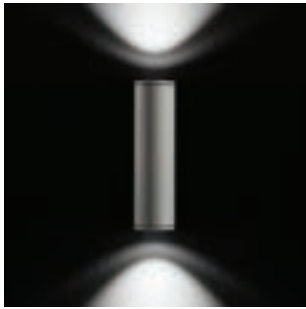
Electronic power supply included



m	lux	
	Max	Med
1.00	5391	3313
2.00	1348	828
3.00	599	368
4.00	337	207
5.00	216	133

$\alpha=10.0^\circ+10.0^\circ$ $\beta=10.0^\circ+10.0^\circ$

Emma110 CoB LED / Bidirectional - Medium Beam 40°



117268149 A A+ A++

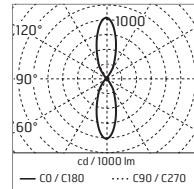
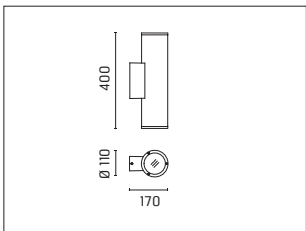
NATURAL WHITE 4000K
CoB LEDs
2x(12W)/220-240V
Total power 30W
LED lm 2x1484 ≠ FIXT lm 2x1321
CRI>80

Electronic power supply included

117269149 A A+ A++

WARM WHITE 3000K
CoB LEDs
2x(12W)/220-240V
Total power 30W
LED lm 2x1310 ≠ FIXT lm 2x1166
CRI>80

Electronic power supply included



m	lux	
	Max	Med
1.00	2588	1502
2.00	647	376
3.00	288	167
4.00	162	94
5.00	104	60

$\alpha=20.0^\circ+20.0^\circ$ $\beta=20.0^\circ+20.0^\circ$

Accessories: Emma110 - Emma110 LED

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
1170121	
1170242	
1176612	
1176621	
11715012	
11715042	

acc. code ▶	237
prod. code ▼	
117268146	●
117268147	●
117268148	●
117268149	●
117269146	●
117269147	●

acc. code ▶	237
prod. code ▼	
117269148	●
117269149	●

MEDENİYET VE İNCEŞENET UNİVERSİTESİ

Emma150







Emma150 LED

Design by Ares Concept

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium fixing base and frames, EN AB47100 alloy (low copper content). Extruded aluminium body.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1
- Class of insulation: I
- Installation: wiring through two cable holders (5xø9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.

IP65   

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-TC-CE/G8,5
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-3
	HALOGEN VERSION: Class D QPAR/E27



Wall fitting



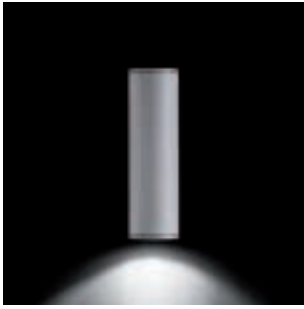
The fitting is equipped with 2 cable input



Protection against impact.
IK 07 - 2,00 joule

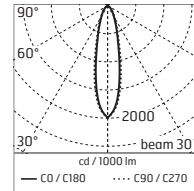
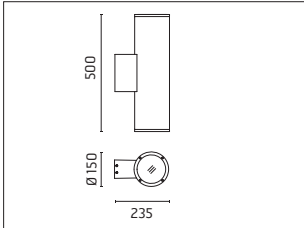


Emma150 / Unidirectional



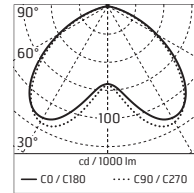
1180121 D
QPAR30S 75W E27

1189821 A
TC-TEL 26W GX24 q-3
Electronic ballast



m	lux	
	Max	Med
1.00	1865	1117
2.00	466	279
3.00	207	124
4.00	117	70
5.00	75	45

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 13.0^\circ + 13.0^\circ$



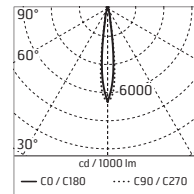
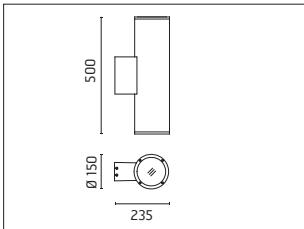
m	lux	
	Max	Med
1.00	166	52
2.00	41	13
3.00	18	6
4.00	10	3
5.00	7	2

$\alpha = 58.0^\circ + 58.0^\circ$ $\beta = 57.0^\circ + 57.0^\circ$

Emma150 / Unidirectional - Narrow Beam 16°



1186712 A+
HIT-TC-CE 35W G8.5
Electronic ballast



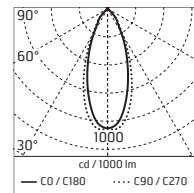
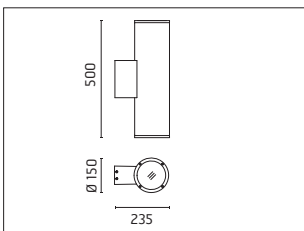
m	lux	
	Max	Med
1.00	20638	14997
2.00	5159	3749
3.00	2293	1666
4.00	1290	937
5.00	826	600

$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 7.0^\circ + 7.0^\circ$

Emma150 / Unidirectional - Medium Beam 40°



1186721 A+
HIT-TC-CE 35W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	3553	2120
2.00	888	530
3.00	395	236
4.00	222	133
5.00	142	85

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

Emma150 CoB LED / Unidirectional - Narrow Beam 20°



118271150 A A+ A++

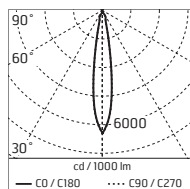
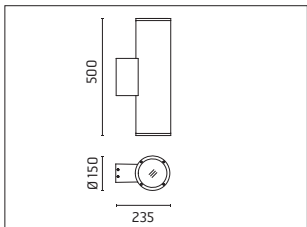
NATURAL WHITE 4000K
CoB LED
16,5W/220-240V
Total power 20W
LED lm 2105 ≠ FIXT lm 1681
CRI>80

Electronic power supply included

118272150 A A+ A++

WARM WHITE 3000K
CoB LED
16,5W/220-240V
Total power 20W
LED lm 1882 ≠ FIXT lm 1503
CRI>80

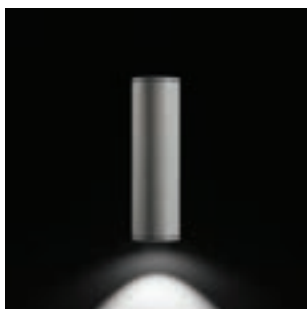
Electronic power supply included



m	lux	
	Max	Med
1.00	108846740	
2.00	2721 1685	
3.00	1209 749	
4.00	680 421	
5.00	435 270	

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Emma150 CoB LED / Unidirectional - Medium Beam 40°



118271151 A A+ A++

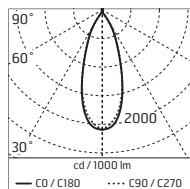
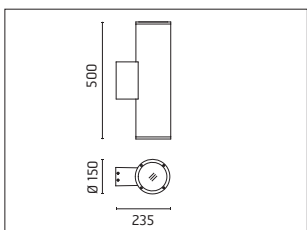
NATURAL WHITE 4000K
CoB LED
16,5W/220-240V
Total power 20W
LED lm 2105 ≠ FIXT lm 1696
CRI>80

Electronic power supply included

118272151 A A+ A++

WARM WHITE 3000K
CoB LED
16,5W/220-240V
Total power 20W
LED lm 1882 ≠ FIXT lm 1517
CRI>80

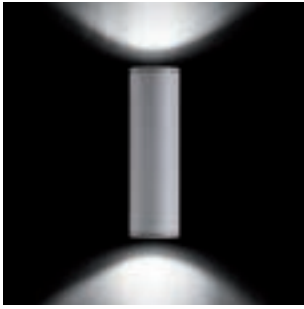
Electronic power supply included



m	lux	
	Max	Med
1.00	3546 2098	
2.00	887 524	
3.00	394 233	
4.00	222 131	
5.00	142 84	

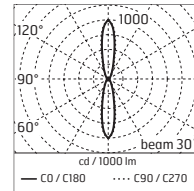
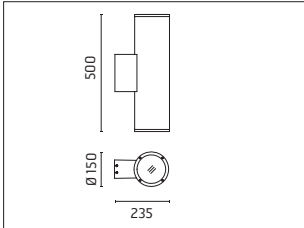
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

Emma150 / Bidirectional



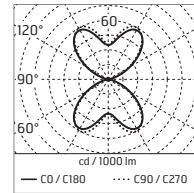
1180242 D
QPAR30S 2x75W E27

11815142 A
TC-TEL 2x26W GX24 q-3
Electronic ballast



m	lux	
	Max	Med
1.00	1866	1118
2.00	467	279
3.00	207	124
4.00	117	70
5.00	75	45

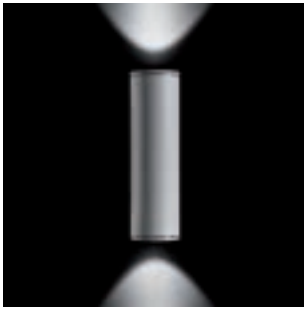
$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 13.0^\circ + 13.0^\circ$



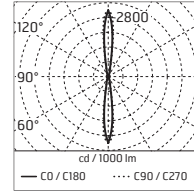
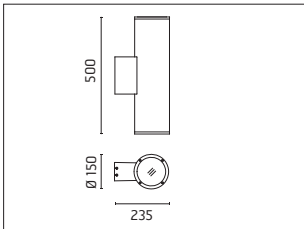
m	lux	
	Max	Med
1.00	166	52
2.00	42	13
3.00	18	6
4.00	10	3
5.00	7	2

$\alpha = 58.0^\circ + 58.0^\circ$ $\beta = 57.0^\circ + 57.0^\circ$

Emma150 / Bidirectional - Narrow Beam 16°



11815212 A+
HIT-TC-CE 2x35W G8.5
Electronic ballast



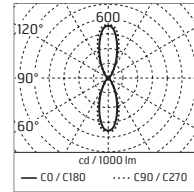
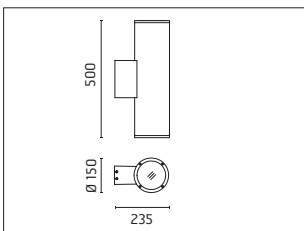
m	lux	
	Max	Med
1.00	20643	15000
2.00	5161	3750
3.00	2294	1667
4.00	1290	938
5.00	826	600

$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 7.0^\circ + 7.0^\circ$

Emma150 / Bidirectional - Medium Beam 40°



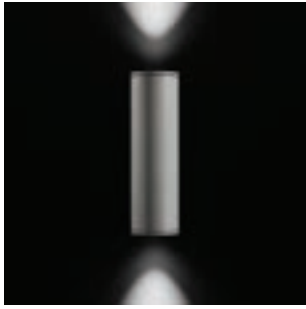
11815242 A+
HIT-TC-CE 2x35W G8.5
Electronic ballast



m	lux	
	Max	Med
1.00	3558	2123
2.00	890	531
3.00	395	236
4.00	222	133
5.00	142	85

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

Emma150 CoB LED / Bidirectional - Narrow Beam 20°



118271152 A A+ A++

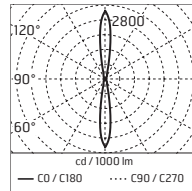
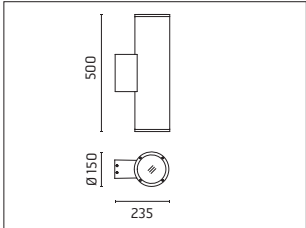
NATURAL WHITE 4000K
CoB LEDs
2x(16,5W)/220-240V
Total power 40W
LED lm 2x2105 ≠ FIXT lm 2x1681
CRI>80

Electronic power supply included

118272152 A A+ A++

WARM WHITE 3000K
CoB LEDs
2x(16,5W)/220-240V
Total power 40W
LED lm 2x1882 ≠ FIXT lm 2x1503
CRI>80

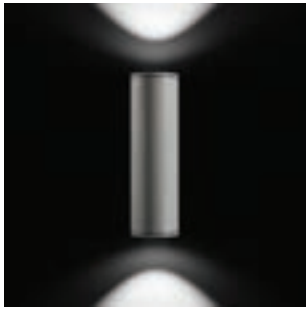
Electronic power supply included



m	lux	
	Max	Med
1.00	10888	6751
2.00	2722	1688
3.00	1210	750
4.00	681	422
5.00	436	270

$\alpha=10.0^\circ+10.0^\circ$ $\beta=10.0^\circ+10.0^\circ$

Emma150 CoB LED / Bidirectional - Medium Beam 40°



118271153 A A+ A++

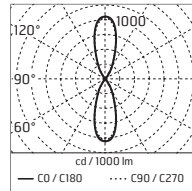
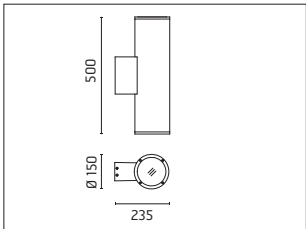
NATURAL WHITE 4000K
CoB LEDs
2x(16,5W)/220-240V
Total power 40W
LED lm 2x2105 ≠ FIXT lm 2x1696
CRI>80

Electronic power supply included

118272153 A A+ A++

WARM WHITE 3000K
CoB LEDs
2x(16,5W)/220-240V
Total power 40W
LED lm 2x1882 ≠ FIXT lm 2x1517
CRI>80

Electronic power supply included



m	lux	
	Max	Med
1.00	3552	2102
2.00	888	525
3.00	395	234
4.00	222	131
5.00	142	84

$\alpha=20.0^\circ+20.0^\circ$ $\beta=20.0^\circ+20.0^\circ$

Accessories: Emma150 - Emma150 LED

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
1180121	
1180242	
1186712	
1186721	
1189821	
11815142	

acc. code ▶	237
prod. code ▼	
11815212	
11815242	
118271150	●
118271151	●
118271152	●
118271153	●

acc. code ▶	237
prod. code ▼	
118272150	●
118272151	●
118272152	●
118272153	●



Q-bo

Q-bo
WILLIAMS

Q-bo
WILLIAMS

Emma180

Design by Ares Concept

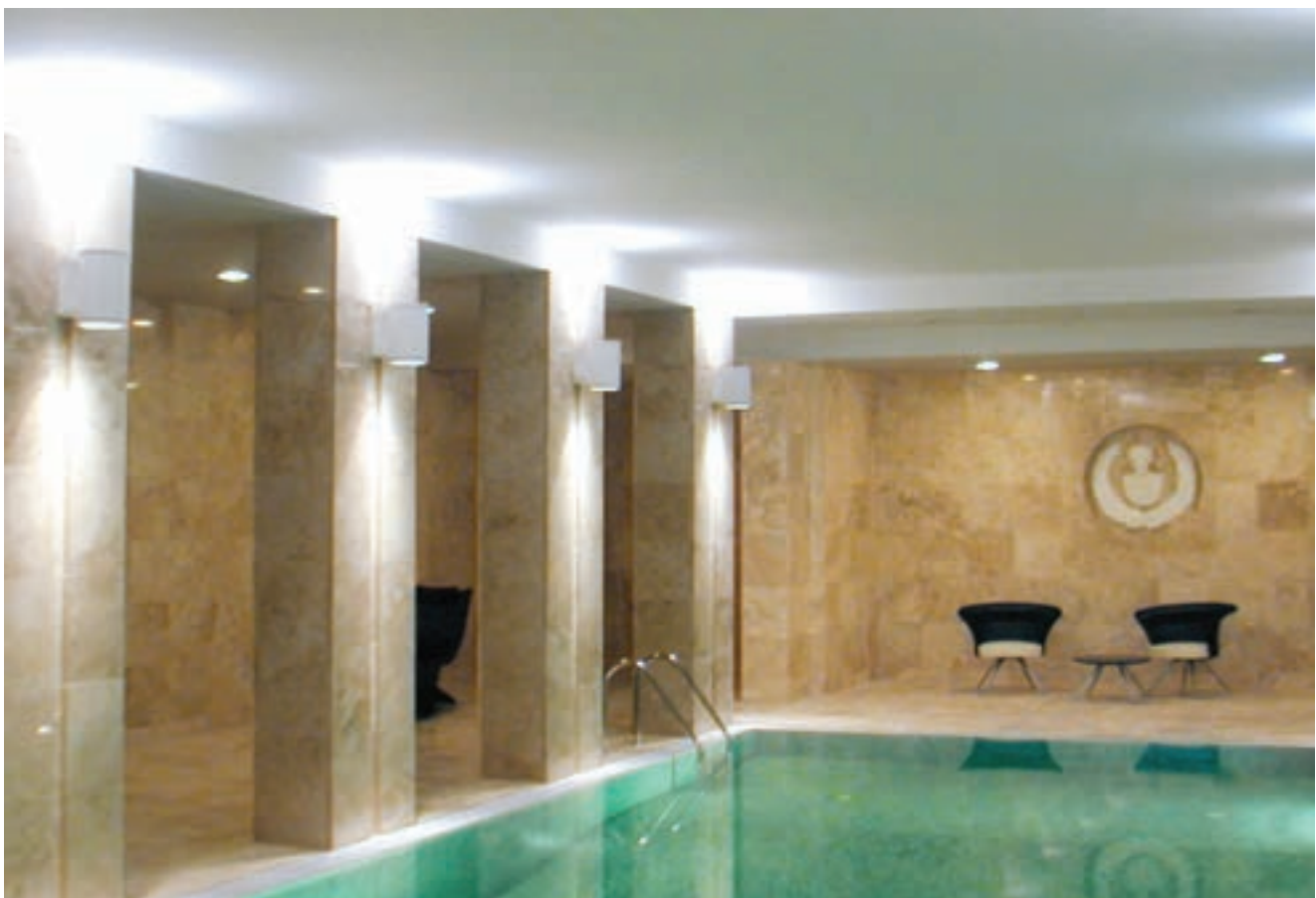
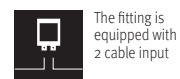
- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium fixing base and frames, EN AB47100 alloy (low copper content). Extruded aluminium body.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I
- Installation: wiring through two cable holder (5xø9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance

IP65   

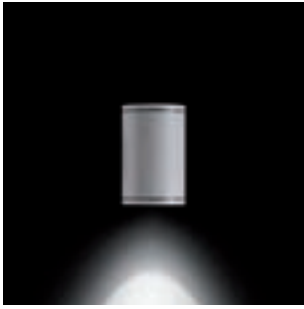
EU Regulation 874/2012 - Illumination equipment energy classes

A⁺ METAL HALIDE VERSION:
Class A+
HIT-CE/G12

A FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-4

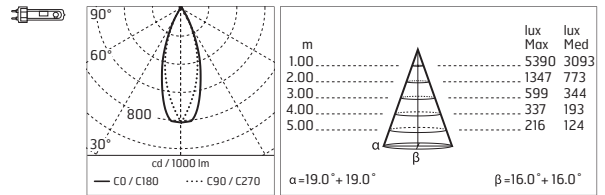
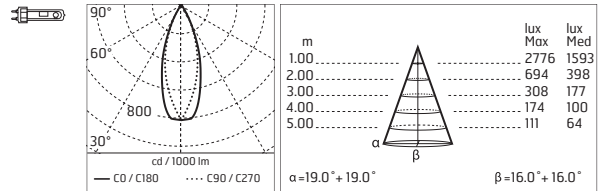
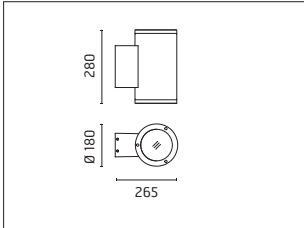


Emma180 / L 280mm - Unidirectional - Medium Beam 30°



1203521 A+
HIT-CE 35W G12
Electronic ballast

1207121 A+
HIT-CE 70W G12
Electronic ballast

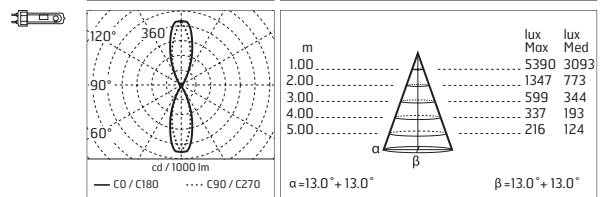
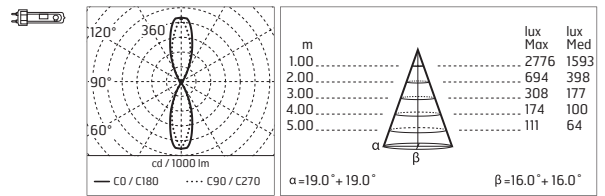
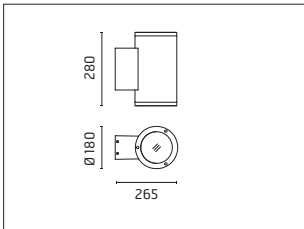


Emma180 / L 280mm - Bidirectional - Medium Beam 30°



1203522 A+
HIT-CE 35W G12
Electronic ballast

1207122 A+
HIT-CE 70W G12
Electronic ballast

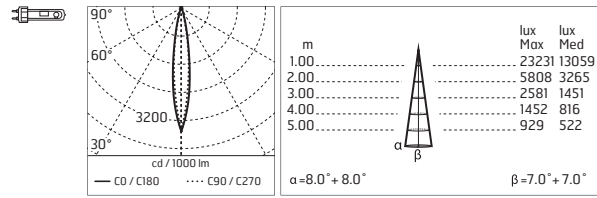
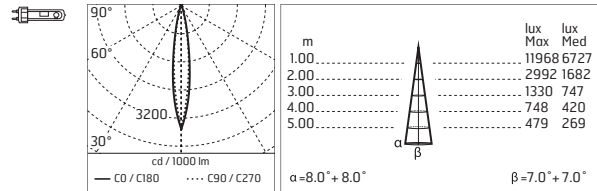
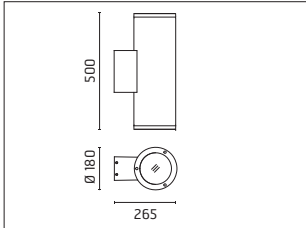


Emma180 / L 500mm - Unidirectional - Narrow Beam 15°



1193512 **A+**
HIT-CE 35W G12
Electronic ballast

1197112 **A+**
HIT-CE 70W G12
Electronic ballast

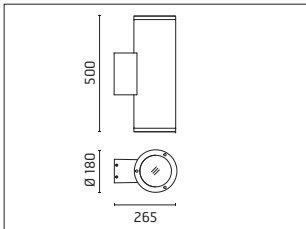


Emma180 / L 500mm - Unidirectional

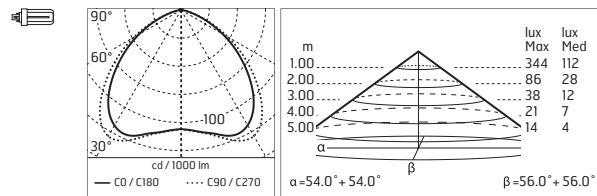
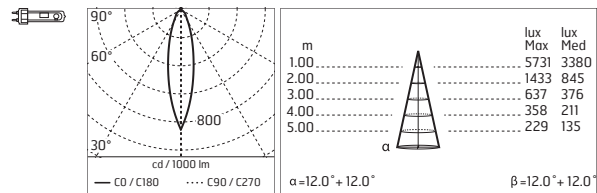
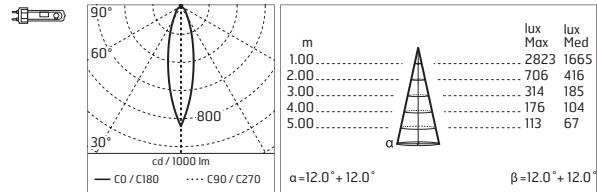


1193521 **A+**
HIT-CE 35W G12
Electronic ballast

1197121 **A+**
HIT-CE 70W G12
Electronic ballast



1192121 **A**
TC-TEL 42W GX24q-4
Electronic ballast

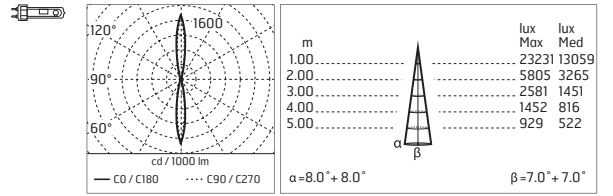
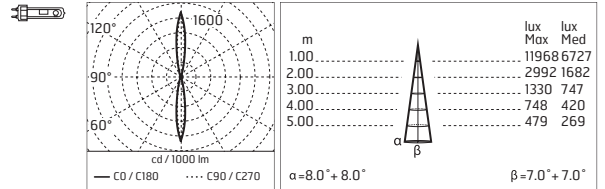
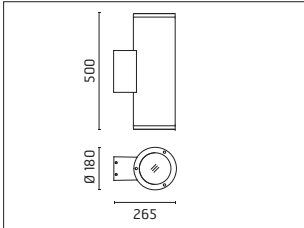


Emma180 / L 500mm - Bidirectional - Narrow Beam 15°

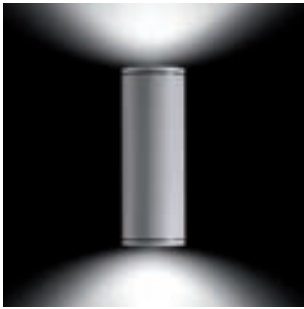


1193612 A+
HIT-CE 2x35W G12
Electronic ballast

1197212 A+
HIT-CE 2x70W G12

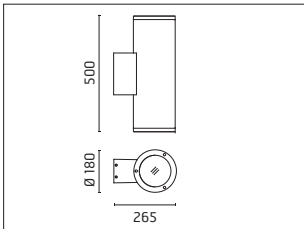


Emma180 / L 500mm - Bidirectional

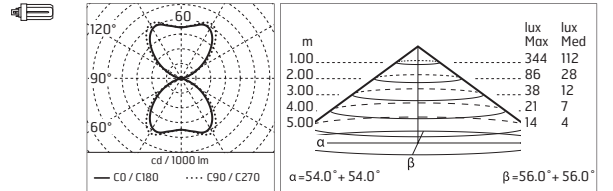
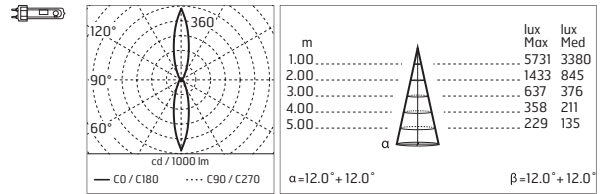
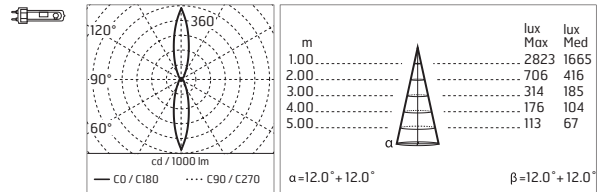


1193642 A+
HIT-CE 2x35W G12
Electronic ballast

1197242 A+
HIT-CE 2x70W G12



1192242 A+
TC-TEL 2x42W GX24q-4
Electronic ballast



Tommaso










Tommaso

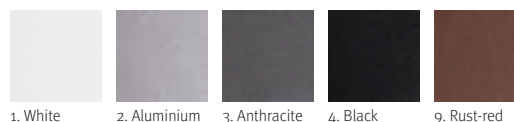
Design by Gigetto

IP54 IP65   CE

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium structure . EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered sandblasted glass; convex lens (MaxiTommaso); silicone gasket.
- Protection Rating: Tommaso IP54 / MaxiTommaso: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a M16x1,5 plastic cable gland (4,5xø10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.

EU Regulation 874/2012 - Illumination equipment energy classes

-  **METAL HALIDE VERSION:**
Class A+
HIT-DE/Rx75
HIT-CE/G12
-  **SODIUM VAPOR VERSION:**
Class A+
HST-DE/Rx75
-  **FLUORESCENT VERSION:**
Class A
TC-TEL/GX24q-4
TC-DEL/G24q-3
-  **HALOGEN VERSION:**
Class C/D
-  QT-DE12/R75



Wall fitting

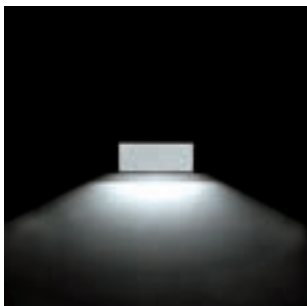


The fitting is equipped with 1 cable input

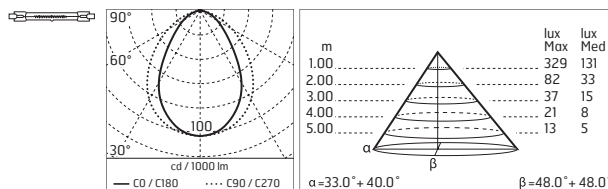


Protection against impact.
IK 08 - 5,00 joule

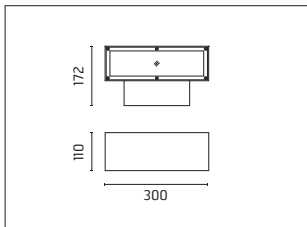
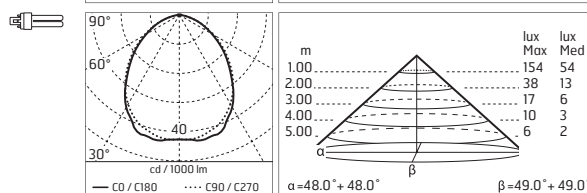
Tommaso / Unidirectional



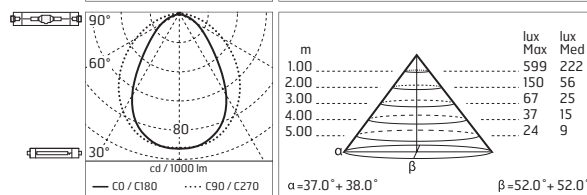
691421 D C
QT-DE 12 200W R7s



696221 A
TC-DEL 2x26W G24q-3
Electronic ballast

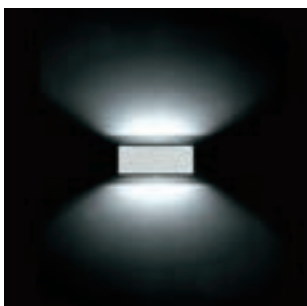


692921 A+
HIT-DE 70W Rx7s

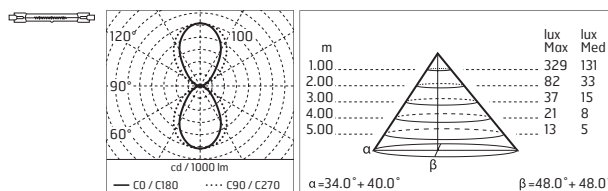


Optional bulb
HST-DE 70W Rx7s A+
Yellow light (2000K)
Photometric curve not available

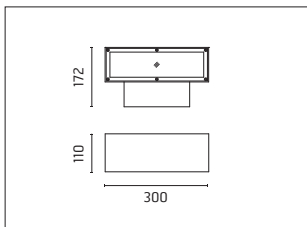
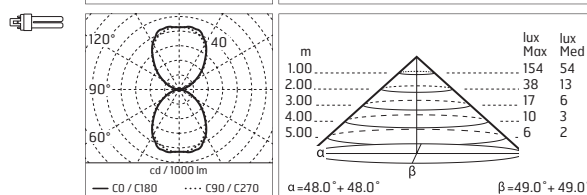
Tommaso / Bidirectional



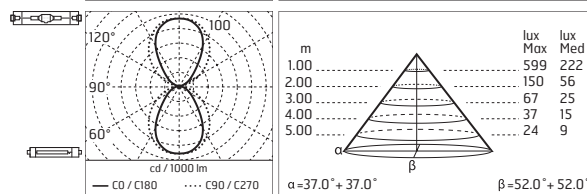
691422 D C
QT-DE 12 200W R7s



696222 A
TC-DEL 2x26W G24 q-3
Electronic ballast



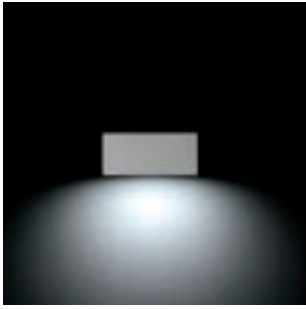
692922 A+
HIT-DE 70W Rx7s



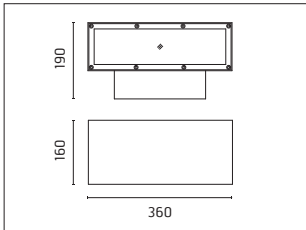
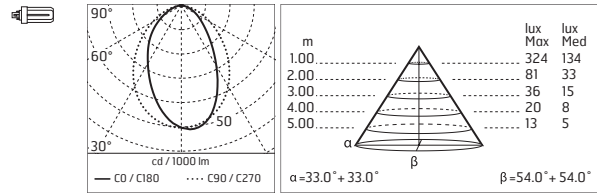
Optional bulb
HST-DE 70W Rx7s A+
Yellow light (2000K)
Photometric curve not available



MaxiTommaso / Unidirectional

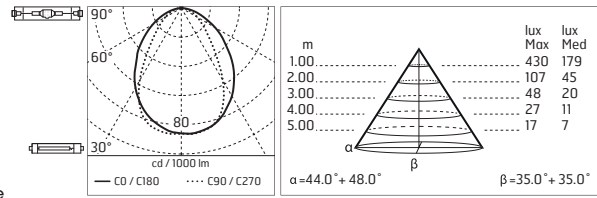


882221 A+
TC-TEL 2x42W GX24 q-4
Electronic ballast



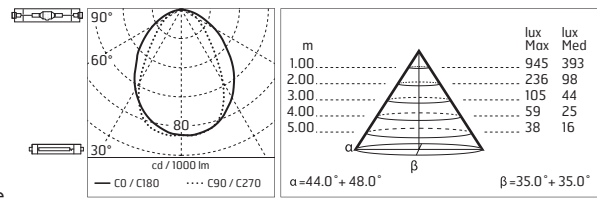
882921 A+
HIT-DE 70W Rx7s

Optional bulb
HST-DE 70W Rx7s A+
Yellow light (2000K)
Photometric curve not available

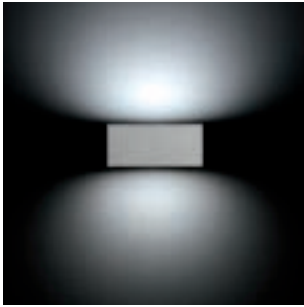


881921 A+
HIT-DE 150W Rx7s

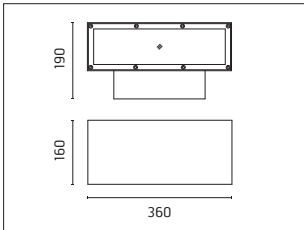
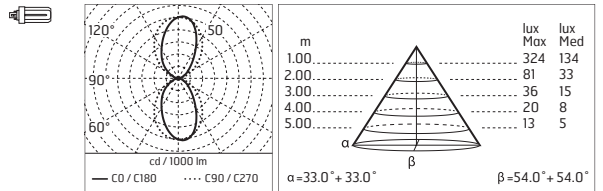
Optional bulb
HST-DE 150W Rx7s A+
Yellow light (2000K)
Photometric curve not available



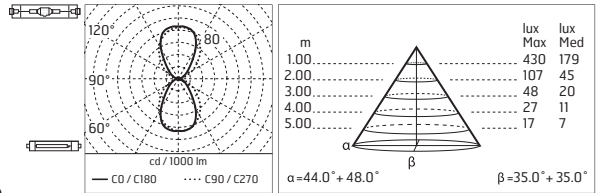
MaxiTommaso / Bidirectional



882222 A+
TC-TEL 2x42W GX24 q-4
Electronic ballast

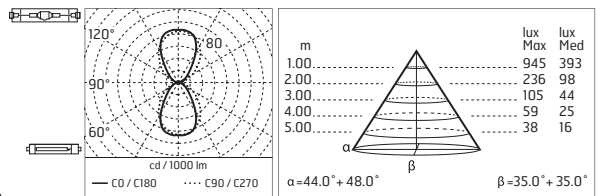


882922 A+
HIT-DE 70W Rx7s



Optional bulb
HST-DE 70W Rx7s A+
Yellow light (2000K)
Photometric curve not available

881922 A+
HIT-DE 150W Rx7s

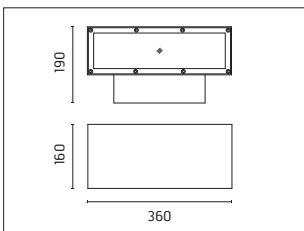
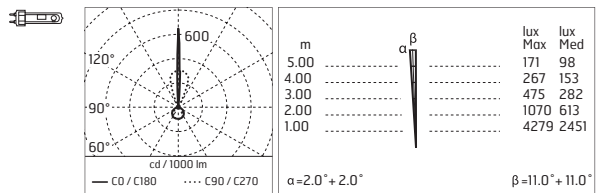


Optional bulb
HST-DE 150W Rx7s A+
Yellow light (2000K)
Photometric curve not available

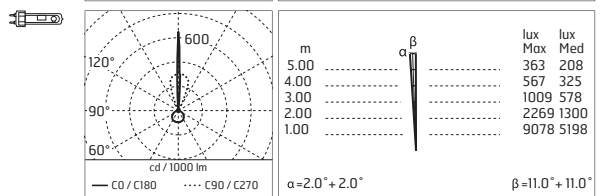
MaxiTommaso / Bidirectional - Combined: Narrow Beam 4° (convex lens) + Wide Beam



887154 A+
HIT-CE 70W G12



881554 A+
HIT-CE 150W G12



Luca





Luca

Luca LED

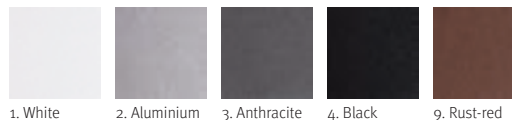
Design by Donato Viscardi

IP54

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium structure . EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass; silicone gaskets.
- Protection Rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, dichroic bulb and LED module: II
- Installation: wiring through a rubber cable holder (5\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	HALOGEN VERSION: Class B QR-CBC51/GU5,3
	HALOGEN VERSION: Class D QRPARCBC51/GZ10



Wall fitting



The fitting is equipped with 1 cable input



Protection against impact.
IK 07 - 2,00 joule

Accessories: Luca - Luca LED

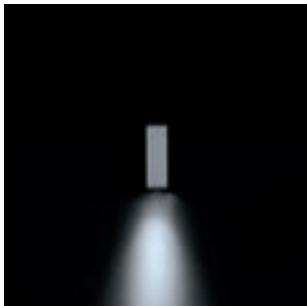
237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code	▶	237	acc. code	▶	237
prod. code	▼		prod. code	▼	
702821			707321		●
702842			707342		●
703321			7017212		●
703342			7017221		●
705612	●		7017242		●
705621	●		7056113		●
705642	●		7073113		●
707312	●		70172113		●

Luca Power LED / Unidirectional - Narrow Beam 10°



707312
 COOL WHITE 6000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 404 ≠ FIXT lm 351
 CRI>70

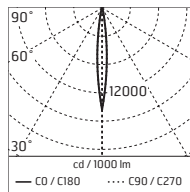
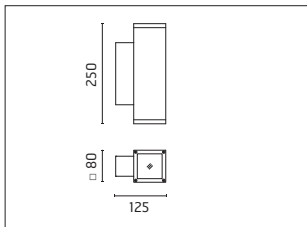
Electronic power supply included

7017212
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 344 ≠ FIXT lm 298
 CRI>80

Electronic power supply included

705612
 WARM WHITE 3000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 310 ≠ FIXT lm 270
 CRI>80

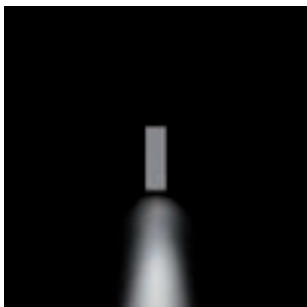
Electronic power supply included



m	lux	
	Max	Med
1.00	5019	3068
2.00	1255	767
3.00	558	341
4.00	314	192
5.00	201	123

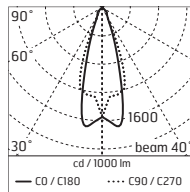
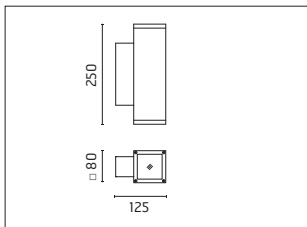
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Luca / Unidirectional



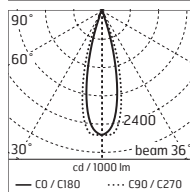
702821
 PAR 16 50W/230V GZ10

703321
 QR CBC 51 35W
 230-240V GU5,3
 Electronic transformer



m	lux	
	Max	Med
1.00	1247	730
2.00	312	182
3.00	139	81
4.00	78	46
5.00	50	29

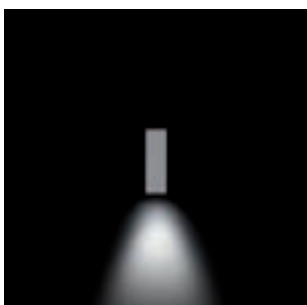
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
1.00	1831	1188
2.00	458	297
3.00	203	132
4.00	114	74
5.00	73	48

$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$

Luca Power LED / Unidirectional - Wide Beam 50°



707321
 COOL WHITE 6000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 404 ≠ FIXT lm 290
 CRI>70

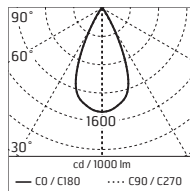
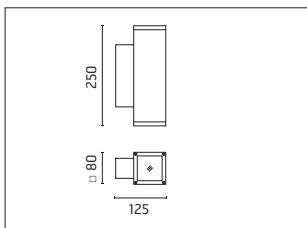
Electronic power supply included

7017221
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 344 ≠ FIXT lm 247
 CRI>80

Electronic power supply included

705621
 WARM WHITE 3000K
 POWER LEDs
 3x1W/110÷240V
 Total power 5,5W
 LED lm 310 ≠ FIXT lm 223
 CRI>80

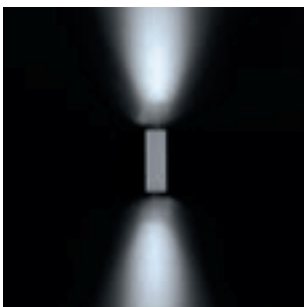
Electronic power supply included



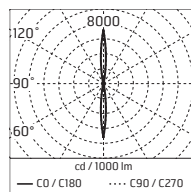
m	lux	
	Max	Med
1.00	427	253
2.00	107	63
3.00	47	28
4.00	27	16
5.00	17	10

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

Luca Power LED / Bidirectional - Narrow Beam 10°



7073113
 COOL WHITE 6000K
 POWER LEDs
 2x(3x1W)/110÷240V
 Total power 10W
 LED lm 2x404 = FIXT lm 2x351
 CRI>70
 Electronic power supply included



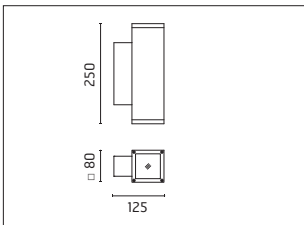
m	lux	
	Max	Med
1.00	5019	3068
2.00	1255	767
3.00	558	341
4.00	314	192
5.00	201	123

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

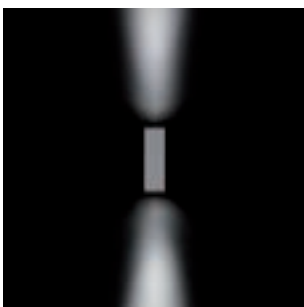
70172113
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3x1W)/110÷240V
 Total power 10W
 LED lm 2x344 = FIXT lm 2x298
 CRI>80
 Electronic power supply included



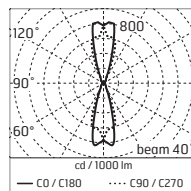
7056113
 WARM WHITE 3000K
 POWER LEDs
 2x(3x1W)/110÷240V
 Total power 10W
 LED lm 2x310 = FIXT lm 2x270
 CRI>80
 Electronic power supply included



Luca / Bidirectional



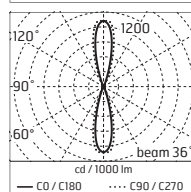
702842
 PAR 16 50W/230V GZ10



m	lux	
	Max	Med
1.00	1249	731
2.00	312	183
3.00	139	81
4.00	78	46
5.00	50	29

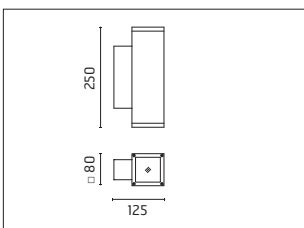
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

703342
 QR CBC 51 35W
 230-240V GU5.3
 Electronic transformer

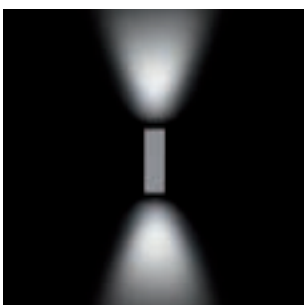


m	lux	
	Max	Med
1.00	1832	1189
2.00	458	297
3.00	204	132
4.00	115	74
5.00	73	48

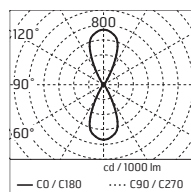
$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$



Luca Power LED / Bidirectional - Wide Beam 50°



707342
 COOL WHITE 6000K
 POWER LEDs
 2x(3x1W)/110÷240V
 Total power 10W
 LED lm 2x404 = FIXT lm 2x290
 CRI>70
 Electronic power supply included



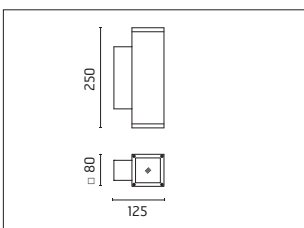
m	lux	
	Max	Med
1.00	427	253
2.00	107	63
3.00	47	28
4.00	27	16
5.00	17	10

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

7017242
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3x1W)/110÷240V
 Total power 10W
 LED lm 2x344 = FIXT lm 2x247
 CRI>80
 Electronic power supply included



705642
 WARM WHITE 3000K
 POWER LEDs
 2x(3x1W)/110÷240V
 Total power 10W
 LED lm 2x310 = FIXT lm 2x223
 CRI>80
 Electronic power supply included



Epsilon



Epsilon LED

Design by Ares Concept

IP65   CE

- Wall light for outdoor installation on wall.
- Configuration: turned aluminium body (EN AW 6060 alloy). 316L stainless steel fixing bracket.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Extra clear tempered glass with silkscreen border, fixed to the body by a double-sided tape.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Epsilon is equipped with a piece of PUR cable for an easy-to-make connection (please provide effective insulation on the connection). Epsilon 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Epsilon is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Wall fitting



Pre-wired with approx
250mm of cable

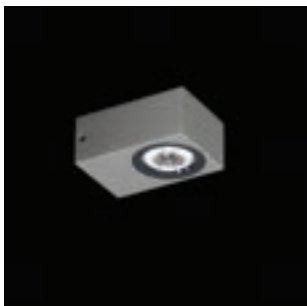


Remote device required.



Protection against
impact.
IK 05 - 0,70 joule

Epsilon Power LED / Narrow Beam 10°



508001 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI>70

Remote electronic power supply to be ordered

508002 A A+ A++

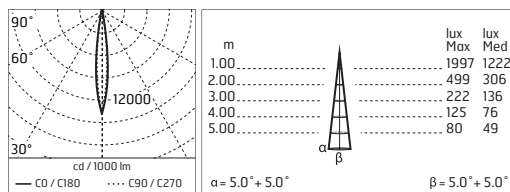
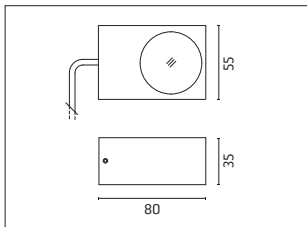
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI>80

Remote electronic power supply to be ordered

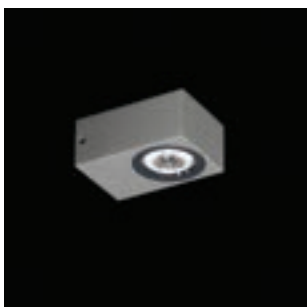
508003 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI>80

Remote electronic power supply to be ordered



Epsilon Power LED / Medium Beam 30°



508011 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI>70

Remote electronic power supply to be ordered

508012 A A+ A++

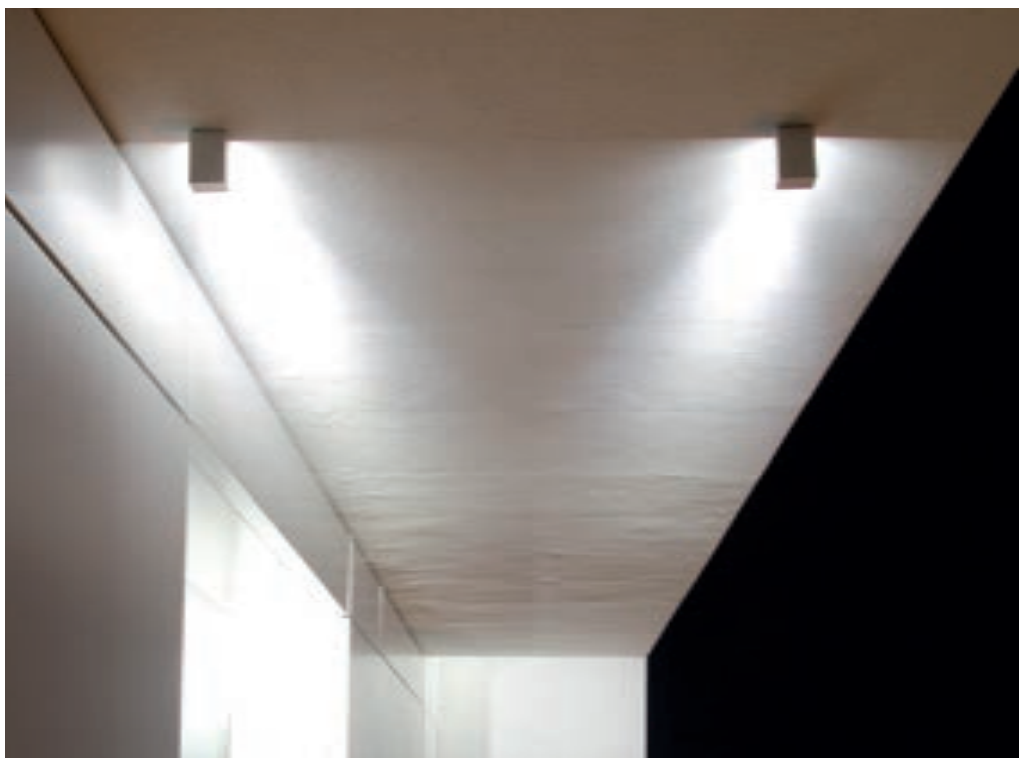
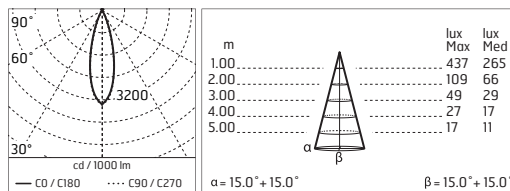
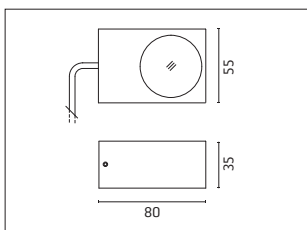
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI>80

Remote electronic power supply to be ordered

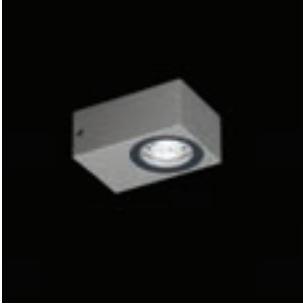
508013 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI>80

Remote electronic power supply to be ordered



Epsilon Power LED / Narrow Beam 10°



508021 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 268
CRI>70

Remote electronic power supply to be ordered

508022 A A+ A++

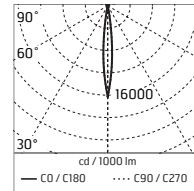
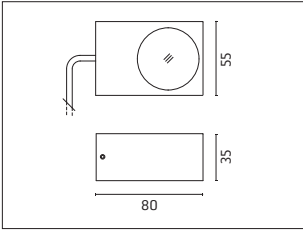
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 258
CRI>80

Remote electronic power supply to be ordered

508023 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 236
CRI>80

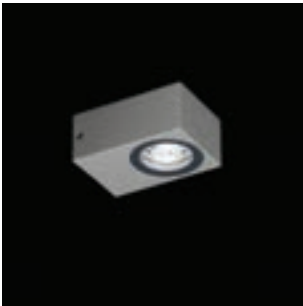
Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	273	168
5.00	175	108

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Epsilon Power LED / Medium Beam 30°



508031 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 215
CRI>70

Remote electronic power supply to be ordered

508032 A A+ A++

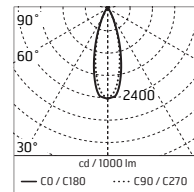
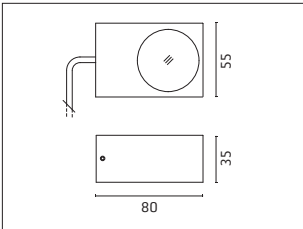
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 207
CRI>80

Remote electronic power supply to be ordered

508033 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 189
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	523	317
2.00	131	79
3.00	58	35
4.00	33	20
5.00	21	13

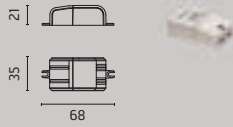
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



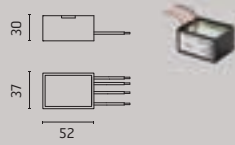


Accessories: Epsilon LED

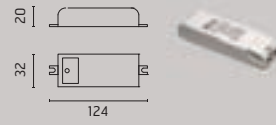
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc, 8W/100÷240V
Iout 350mA, 6X1W/100÷240V
IP20 CLASS II SELV EQ.



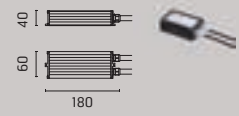
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc, 8W/100÷240V
Iout 350mA, 6X1W/100÷240V - IP65 CLASS II SELV EQ.



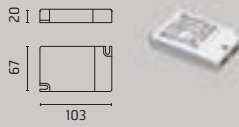
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



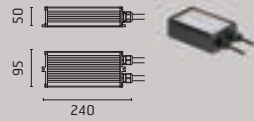
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



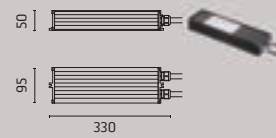
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



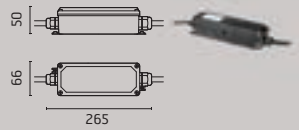
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



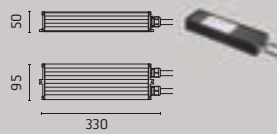
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	150	106	87	175	144	147	155	110	156
prod. code ▼									
508001	●	●	●	●	●	●	●	●	●
508002	●	●	●	●	●	●	●	●	●
508003	●	●	●	●	●	●	●	●	●
508011	●	●	●	●	●	●	●	●	●
508012	●	●	●	●	●	●	●	●	●
508013	●	●	●	●	●	●	●	●	●
508021	●	●	●	●	●	●	●	●	●
508022	●	●	●	●	●	●	●	●	●
508023	●	●	●	●	●	●	●	●	●
508031	●	●	●	●	●	●	●	●	●
508032	●	●	●	●	●	●	●	●	●
508033	●	●	●	●	●	●	●	●	●

Zeta



Zeta LED

Design by Ares Concept

IP65  

- Wall light for outdoor installation on wall.
- Configuration: turned aluminium body (EN AW 6060 alloy). 316L stainless steel fixing bracket.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Methacrylate diffuser with silkscreen finishing, fixed to the body by a double-sided tape.
- Unidirectional and bidirectional version.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Zeta is equipped with a piece of PUR cable for an easy-to-make connection (please provide effective insulation on the connection). Zeta is equipped with a highly efficient resin-coated converter PWM (Pulse Wide Modulation) that guarantees the right power supply to the LED module, removes electromagnetic interference and allows parallel wiring. Zeta is protected against polarity reversal (the luminaire does not switch on) and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- Warning: Use IP65 connections to avoid water ingress from the cable.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Wall fitting

Pre-wired with approx
250mm of cable.

Remote device required.

Protection against
impact.
IK 03 - 0,35 joule

Zeta Power LED / Unidirectional



522001 A A+ A++

COOL WHITE 6000K
POWER LED
1W/24Vdc
Total power 2W
LED lm 169 ≠ FIXT lm 61
CRI>70

Remote electronic power supply to be ordered

522002 A A+ A++

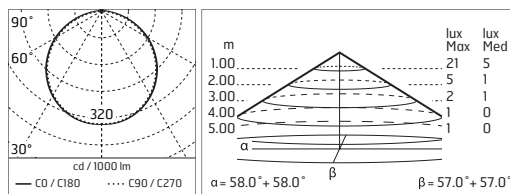
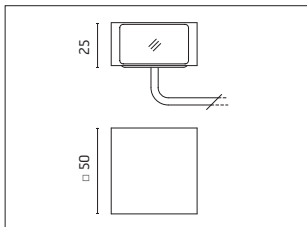
NATURAL WHITE 4000K
POWER LED
1W/24Vdc
Total power 2W
LED lm 162 ≠ FIXT lm 59
CRI>80

Remote electronic power supply to be ordered

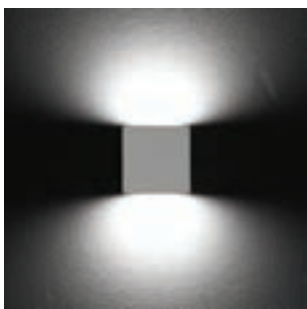
522003 A A+ A++

WARM WHITE 3000K
POWER LED
1W/24Vdc
Total power 2W
LED lm 149 ≠ FIXT lm 54
CRI>80

Remote electronic power supply to be ordered



Zeta Power LED / Bidirectional



522011 A A+ A++

COOL WHITE 6000K
POWER LEDs
2x(1W)/24Vdc
Total power 3,3W
LED lm 2x169 ≠ FIXT lm 2x61
CRI>70

Remote electronic power supply to be ordered

522012 A A+ A++

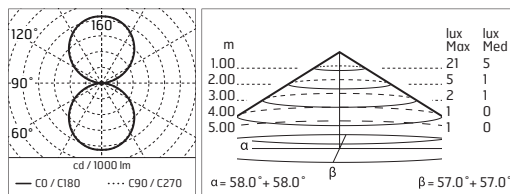
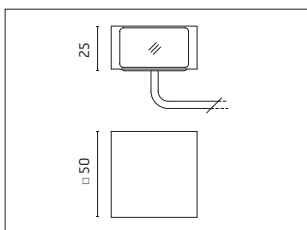
NATURAL WHITE 4000K
POWER LEDs
2x(1W)/24Vdc
Total power 3,3W
LED lm 2x162 ≠ FIXT lm 2x59
CRI>80

Remote electronic power supply to be ordered

522013 A A+ A++

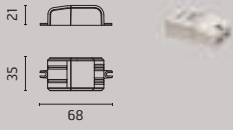
WARM WHITE 3000K
POWER LEDs
2x(1W)/24Vdc
Total power 3,3W
LED lm 2x149 ≠ FIXT lm 2x54
CRI>80

Remote electronic power supply to be ordered

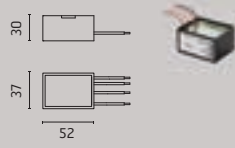


Accessories: Zeta LED

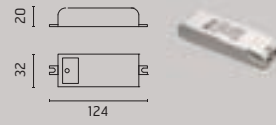
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc. 8W/100÷240V
Iout 350mA. 6X1W/100÷240V
IP20 CLASS II SELV EQ.



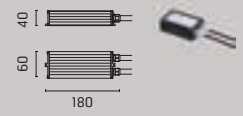
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc. 8W/100÷240V
Iout 350mA. 6X1W/100÷240V - IP65 CLASS II SELV EQ.



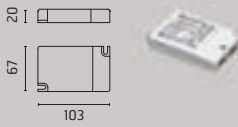
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



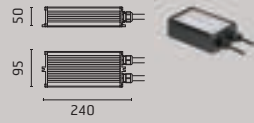
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



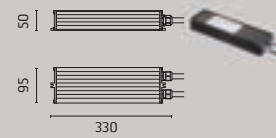
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



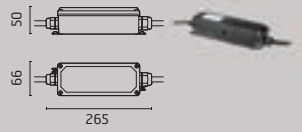
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



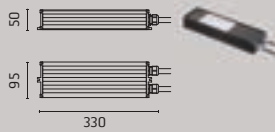
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	150	106	87	175	144	147	155	110	156
prod. code ▼									
522001	●	●	●	●	●	●	●	●	●
522002	●	●	●	●	●	●	●	●	●
522003	●	●	●	●	●	●	●	●	●
522011	●	●	●	●	●	●	●	●	●
522012	●	●	●	●	●	●	●	●	●
522013	●	●	●	●	●	●	●	●	●



Delta





Delta LED

Design by Ares Concept

IP65   

- Wall light for outdoor installation on wall.
- Configuration: turned aluminium body (EN AW 6060 alloy). 316L stainless steel fixing bracket.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Extra clear tempered glass with silkscreen border, fixed to the body by a double-sided tape.
- Unidirectional and Bidirectional versions.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Delta is equipped with a piece of PUR cable for an easy-to-make connection (please provide effective insulation on the connection). Delta 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Delta is protected against polarity reversal and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Wall fitting



Pre-wired with approx
250mm of cable.

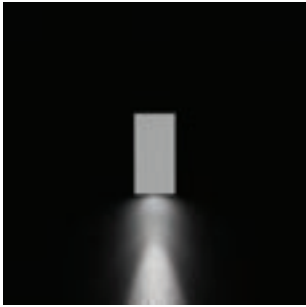


Remote device required.



Protection against
impact.
IK 05 - 0,70 joule

Delta Power LED / Unidirectional - Narrow Beam 10°



507001 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 144
CRI>70

Remote electronic power supply to be ordered

507002 A A+ A++

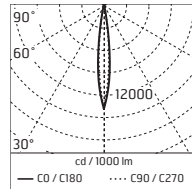
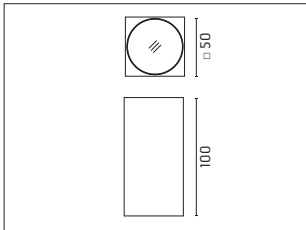
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 138
CRI>80

Remote electronic power supply to be ordered

507003 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 127
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Delta Power LED / Unidirectional - Medium Beam 30°



507011 A A+ A++

COOL WHITE 6000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 206 ≠ FIXT lm 130
CRI>70

Remote electronic power supply to be ordered

507012 A A+ A++

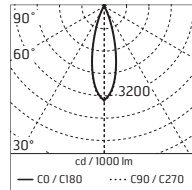
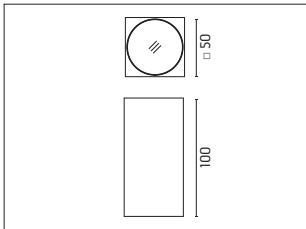
NATURAL WHITE 4000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 198 ≠ FIXT lm 125
CRI>80

Remote electronic power supply to be ordered

507013 A A+ A++

WARM WHITE 3000K
POWER LED
3W/24Vdc
Total power 3,4W
LED lm 182 ≠ FIXT lm 114
CRI>80

Remote electronic power supply to be ordered



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

Delta Power LED / Unidirectional - Narrow Beam 10°



507021 A A+ A++

COOL WHITE 6000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 375 ≠ FIXT lm 268
CRI>70

Remote electronic power supply to be ordered

507022 A A+ A++

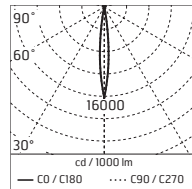
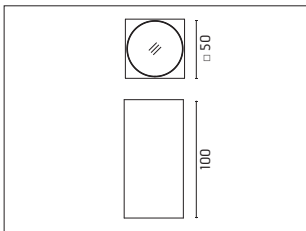
NATURAL WHITE 4000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 360 ≠ FIXT lm 258
CRI>80

Remote electronic power supply to be ordered

507023 A A+ A++

WARM WHITE 3000K
POWER LEDs
3x1W/24Vdc
Total power 4,5W
LED lm 330 ≠ FIXT lm 236
CRI>80

Remote electronic power supply to be ordered



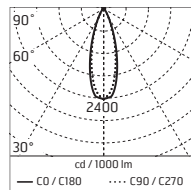
m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	273	168
5.00	175	108

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

Delta Power LED / Unidirectional - Medium Beam 30°



507031 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 375 ≠ FIXT lm 215
 CRI>70
 Remote electronic power supply
 to be ordered

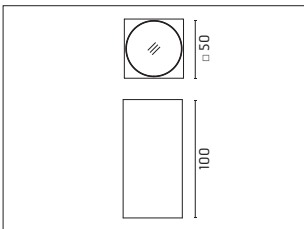


m	lux Max	lux Med
1.00	523	317
2.00	131	79
3.00	58	35
4.00	33	20
5.00	21	13

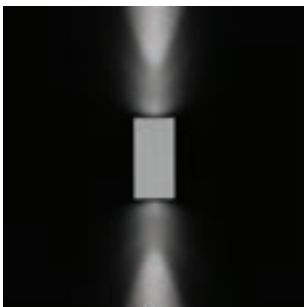
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

507032 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 360 ≠ FIXT lm 207
 CRI>80
 Remote electronic power supply
 to be ordered

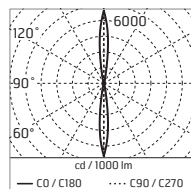
507033 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3x1W/24Vdc
 Total power 4,5W
 LED lm 330 ≠ FIXT lm 189
 CRI>80
 Remote electronic power supply
 to be ordered



Delta Power LED / Bidirectional - Narrow Beam 10°



507101 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(3W)/24Vdc
 Total power 6,8W
 LED lm 2x206 ≠ FIXT lm 2x144
 CRI>70
 Remote electronic power supply
 to be ordered

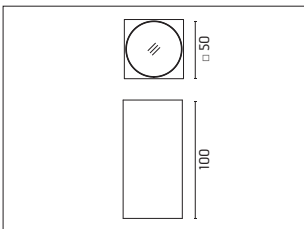


m	lux Max	lux Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

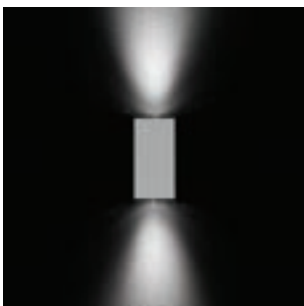
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

507102 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3W)/24Vdc
 Total power 6,8W
 LED lm 2x198 ≠ FIXT lm 2x138
 CRI>80
 Remote electronic power supply
 to be ordered

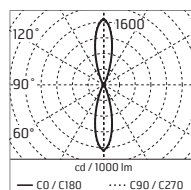
507103 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(3W)/24Vdc
 Total power 6,8W
 LED lm 2x182 ≠ FIXT lm 2x127
 CRI>80
 Remote electronic power supply
 to be ordered



Delta Power LED / Bidirectional - Medium Beam 30°



507111 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(3W)/24Vdc
 Total power 6,8W
 LED lm 2x206 ≠ FIXT lm 2x130
 CRI>70
 Remote electronic power supply
 to be ordered

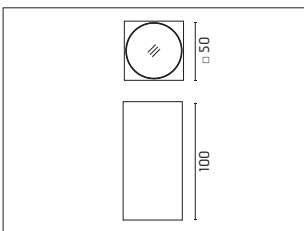


m	lux Max	lux Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

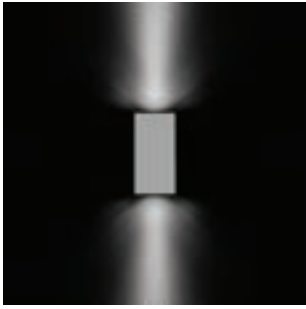
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

507112 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3W)/24Vdc
 Total power 6,8W
 LED lm 2x198 ≠ FIXT lm 2x125
 CRI>80
 Remote electronic power supply
 to be ordered

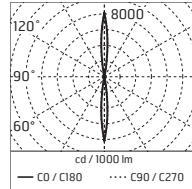
507113 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(3W)/24Vdc
 Total power 6,8W
 LED lm 2x182 ≠ FIXT lm 2x114
 CRI>80
 Remote electronic power supply
 to be ordered



Delta Power LED / Bidirectional - Narrow Beam 10°



507121 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(3x1W)/24Vdc
 Total power 9W
 LED lm 2x375 ≠ FIXT lm 2x268
 CRI>70
 Remote electronic power supply
 to be ordered

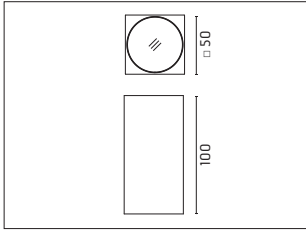


m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	273	168
5.00	175	108

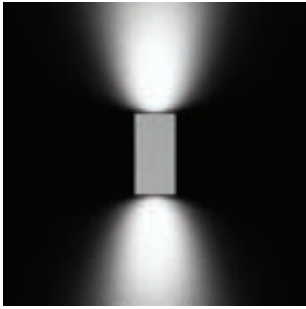
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

507122 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3x1W)/24Vdc
 Total power 9W
 LED lm 2x360 ≠ FIXT lm 2x258
 CRI>80
 Remote electronic power supply
 to be ordered

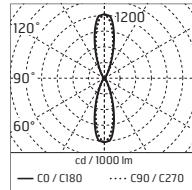
507123 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(3x1W)/24Vdc
 Total power 9W
 LED lm 2x330 ≠ FIXT lm 2x236
 CRI>80
 Remote electronic power supply
 to be ordered



Delta Power LED / Bidirectional - Medium Beam 30°



507131 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(3x1W)/24Vdc
 Total power 9W
 LED lm 2x375 ≠ FIXT lm 2x215
 CRI>70
 Remote electronic power supply
 to be ordered

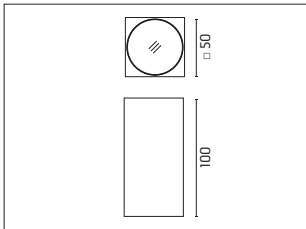


m	lux	
	Max	Med
1.00	523	317
2.00	131	79
3.00	58	35
4.00	33	20
5.00	21	13

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

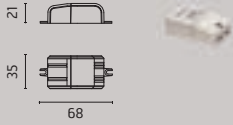
507132 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(3x1W)/24Vdc
 Total power 9W
 LED lm 2x360 ≠ FIXT lm 2x207
 CRI>80
 Remote electronic power supply
 to be ordered

507133 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(3x1W)/24Vdc
 Total power 9W
 LED lm 2x330 ≠ FIXT lm 2x189
 CRI>80
 Remote electronic power supply
 to be ordered

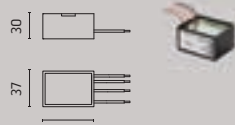


Accessories: Delta LED

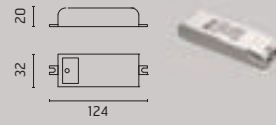
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc; 8W/100÷240V
Iout 350mA; 6X1W/100÷240V
IP20 CLASS II SELV EQ.



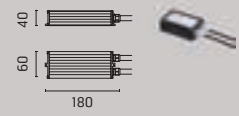
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc; 8W/100÷240V
Iout 350mA; 6X1W/100÷240V - IP65 CLASS II SELV EQ.



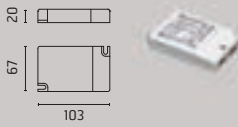
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



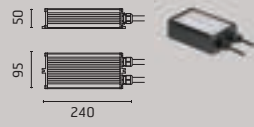
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



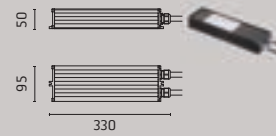
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



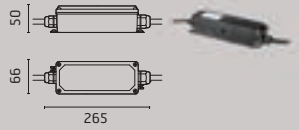
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



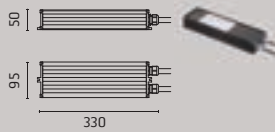
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	150	106	87	175	144	147	155	110	156
prod. code ▼									
507001	•	•	•	•	•	•	•	•	•
507002	•	•	•	•	•	•	•	•	•
507003	•	•	•	•	•	•	•	•	•
507011	•	•	•	•	•	•	•	•	•
507012	•	•	•	•	•	•	•	•	•
507013	•	•	•	•	•	•	•	•	•
507021	•	•	•	•	•	•	•	•	•
507022	•	•	•	•	•	•	•	•	•
507023	•	•	•	•	•	•	•	•	•
507031	•	•	•	•	•	•	•	•	•
507032	•	•	•	•	•	•	•	•	•
507033	•	•	•	•	•	•	•	•	•
507101			•	•		•	•	•	•
507102			•	•		•	•	•	•
507103			•	•		•	•	•	•
507111			•	•		•	•	•	•
507112			•	•		•	•	•	•
507113			•	•		•	•	•	•
507121			•	•		•	•	•	•
507122			•	•		•	•	•	•
507123			•	•		•	•	•	•
507131			•	•		•	•	•	•
507132			•	•		•	•	•	•
507133			•	•		•	•	•	•



Alfa





Alfa LED
Design by Ares Concept

IP65

- Round luminaire for outdoor installation on wall or ceiling.
- Configuration: turned aluminium body (EN AW 6060 alloy). 316L stainless steel fixing bracket.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting. .
- Methacrylate diffuser with silkscreen finishing, fixed to the body by silicone glue.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Alfa is equipped with a piece of cable for an easy-to-make connection (please provide effective insulation on the connection).
- Alfa is protected against polarity reversal (the luminaire does not switch on) and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules which cannot be replaced



Ceiling fitting

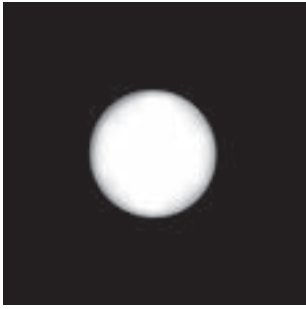
Wall fitting

Pre-wired with approx 250mm of cable.

Remote device required.

Protection against impact.
IK 06 - 1,00 joule

Alfa Low Power LED / Methacrylate Diffuser



505001 A+ A+ A+

COOL WHITE 6000K
 LOW POWER LEDs
 2.5W/24Vdc
 Total power 2,5W
 LED lm 188 ≠ FIXT lm 65
 CRI>70

Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176

505002 A+ A+ A+

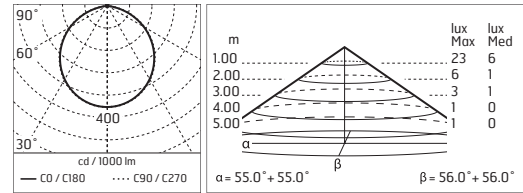
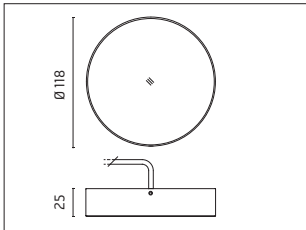
NATURAL WHITE 4000K
 LOW POWER LEDs
 2.5W/24Vdc
 Total power 2,5W
 LED lm 188 ≠ FIXT lm 65
 CRI>80

Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176

505003 A+ A+ A+

WARM WHITE 3000K
 LOW POWER LEDs
 2.5W/24Vdc
 Total power 2,5W
 LED lm 132 ≠ FIXT lm 47
 CRI>80

Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176



Accessories: Alfa LED

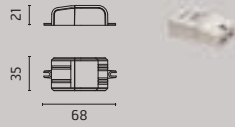
105

BOX FOR INSTALLATION
106 x 75 H 55mm



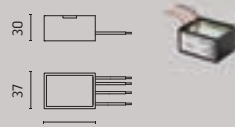
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



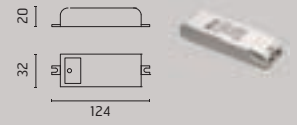
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



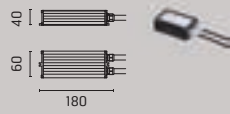
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



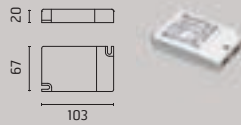
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



144

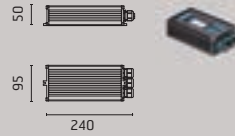
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

176

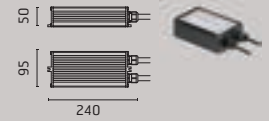
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

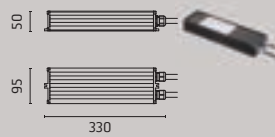
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



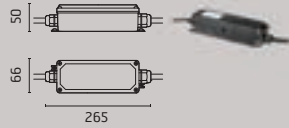
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



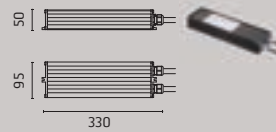
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W/120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	105	150	106	87	175	144	176	147	155	110	156
prod. code ▼											
505001	●	●	●	●	●	●	●	●	●	●	●
505002	●	●	●	●	●	●	●	●	●	●	●
505003	●	●	●	●	●	●	●	●	●	●	●

Beta





Beta LED

Design by Ares Concept

IP65  

- Square luminaire for outdoor installation on wall or ceiling.
- Configuration: turned aluminium body (EN AW 6060 alloy) 316L stainless steel fixing bracket.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Methacrylate diffuser with silkscreen finishing, fixed to the body by silicone glue.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: Beta is equipped with a piece of cable for an easy-to-make connection (please provide effective insulation on the connection).
- Beta is protected against polarity reversal (the luminaire does not switch on) and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Ceiling fitting



Wall fitting



Pre-wired with approx 250mm of cable.

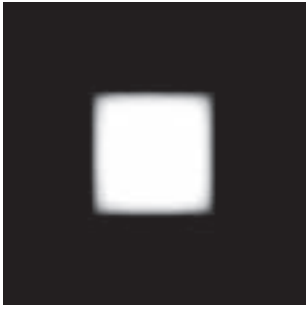


Remote device required.



Protection against impact.
IK 06 - 1,00 joule

Beta Low Power LED / Methacrylate Diffuser



506001 A A⁺ A⁺⁺

COOL WHITE 6000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 225 ≠ FIXT lm 74
 CRI>70

Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176

506002 A A⁺ A⁺⁺

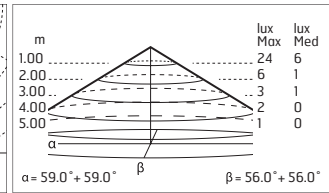
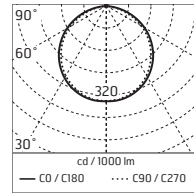
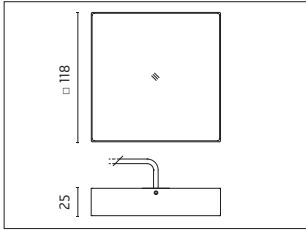
NATURAL WHITE 4000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 225 ≠ FIXT lm 74
 CRI>80

Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176

506003 A A⁺ A⁺⁺

WARM WHITE 3000K
 LOW POWER LEDs
 3W/24Vdc
 Total power 3W
 LED lm 158 ≠ FIXT lm 54
 CRI>80

Remote electronic power supply
 to be ordered
 ..ill Acc. 144 or 176



Accessories: Beta LED

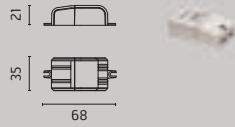
105

BOX FOR INSTALLATION
106 x 75 H 55mm



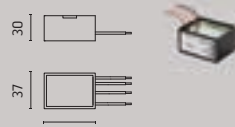
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



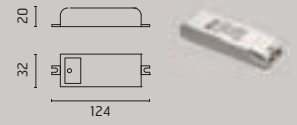
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



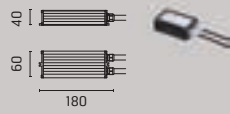
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



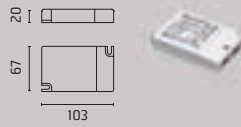
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



144

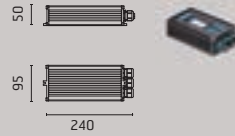
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

176

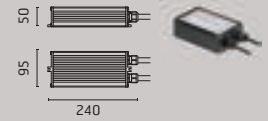
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

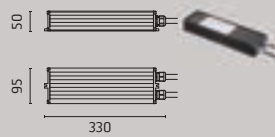
147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



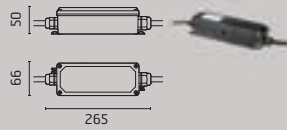
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



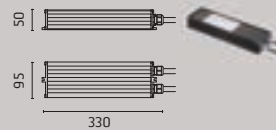
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W/120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	105	150	106	87	175	144	176	147	155	110	156
prod. code ▼											
506001	•	•	•	•	•	•	•	•	•	•	•
506002	•	•	•	•	•	•	•	•	•	•	•
506003	•	•	•	•	•	•	•	•	•	•	•

Gamma





Gamma LED
Design by Ares Concept

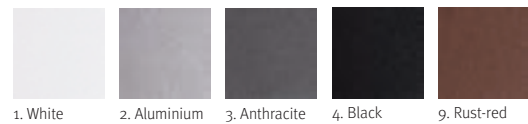
IP65   CE

- Wall light for installation outdoor.
- Configuration: turned aluminium body (EN AW 6060 alloy) 316L stainless steel fixing bracket.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Methacrylate diffuser fixed to the body by a double-sided tape.
- Unidirectional and Bidirectional versions.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation:Gamma is equipped with a piece of PUR cable for an easy-to-make connection (please provide effective insulation on the connection). Gamma is protected against polarity reversal (the luminaire does not switch on) and sudden voltage peak.
- Installation requires a 24Vdc remote power supply.
- Parallel wiring.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire

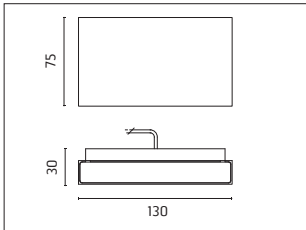
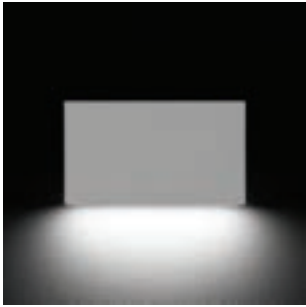
EU Regulation 874/2012 - Illumination equipment energy classes

A⁺⁺
A⁺
A

LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Gamma Mid-Power LED / Unidirectional



512001 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
2.5W/24Vdc
Total power 2.5W
LED lm 261 ≠ FIXT lm 131
CRI>70

Remote electronic power supply to be ordered
..illl Acc. 144 or 176

512002 A A+ A++

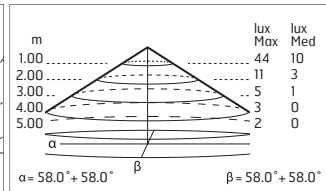
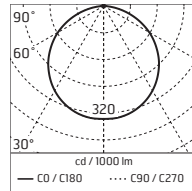
NATURAL WHITE 4000K
MID-POWER LEDs
2.5W/24Vdc
Total power 2.5W
LED lm 251 ≠ FIXT lm 128
CRI>80

Remote electronic power supply to be ordered
..illl Acc. 144 or 176

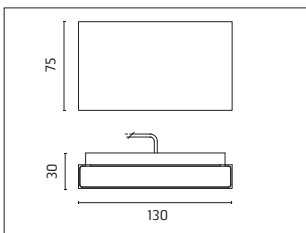
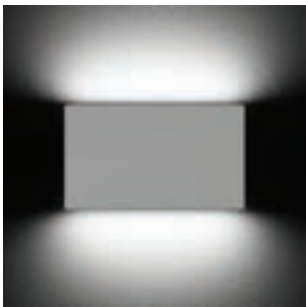
512003 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
2.5W/24Vdc
Total power 2.5W
LED lm 242 ≠ FIXT lm 122
CRI>80

Remote electronic power supply to be ordered
..illl Acc. 144 or 176



Gamma Mid-Power LED / Bidirectional



512011 A A+ A++

COOL WHITE 6000K
MID-POWER LEDs
2x(2.5W)/24Vdc
Total power 5W
LED lm 2x261 ≠ FIXT lm 2x131
CRI>70

Remote electronic power supply to be ordered
..illl Acc. 144 or 176

512012 A A+ A++

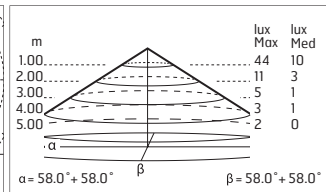
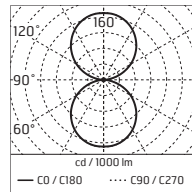
NATURAL WHITE 4000K
MID-POWER LEDs
2x(2.5W)/24Vdc
Total power 5W
LED lm 2x251 ≠ FIXT lm 2x128
CRI>80

Remote electronic power supply to be ordered
..illl Acc. 144 or 176

512013 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
2x(2.5W)/24Vdc
Total power 5W
LED lm 2x242 ≠ FIXT lm 2x122
CRI>80

Remote electronic power supply to be ordered
..illl Acc. 144 or 176



Accessories: Gamma LED

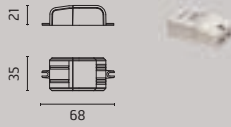
105

BOX FOR INSTALLATION
106 x 75 H 55mm



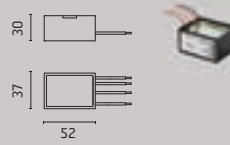
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V
IP20 CLASS II SELV EQ.



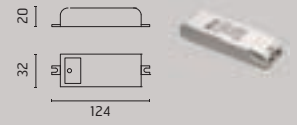
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6X1W/100÷240V - IP65 CLASS II SELV EQ.



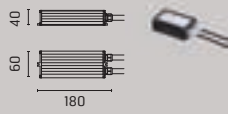
87

POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



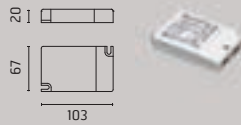
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



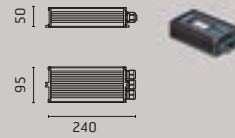
144

POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



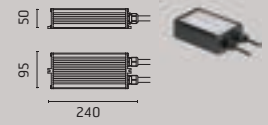
176

POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



147

POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.

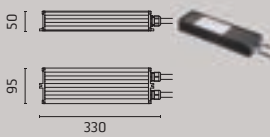


... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 628 Wiring Diagram n.4

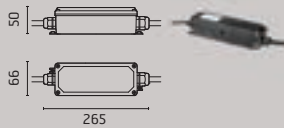
155

POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



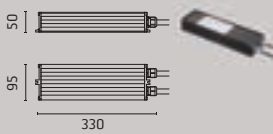
110

POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156

POWER SUPPLY 100W /120÷240V - 24Vdc
IP67 CLASS II SELV.



Accessories chart

acc. code ▶	105	150	106	87	175	144	176	147	155	110	156
prod. code ▼											
512001	•	•	•	•	•	•	•	•	•	•	•
512002	•	•	•	•	•	•	•	•	•	•	•
512003	•	•	•	•	•	•	•	•	•	•	•
512011	•	•	•	•	•	•	•	•	•	•	•
512012	•	•	•	•	•	•	•	•	•	•	•
512013	•	•	•	•	•	•	•	•	•	•	•



Marco



Marco LED

Design by Ares Concept

Registered Community Design Nr. 001145924

IP65   

- Square luminaire for outdoor installation on wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered glass with silkscreen border. The diffuser is fixed to the aluminium structure through a robotic gluing system. AISI 304 stainless steel fixing plate.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: wiring through two EPDM rubber cable glands (5xø9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland (we recommend neoprene cables H05 RN-F). Installation on wall requires the dedicated fixing base supplied with the luminaire.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



1. White 2. Aluminium 3. Anthracite 4. Black 9. Rust-red



Wall fitting

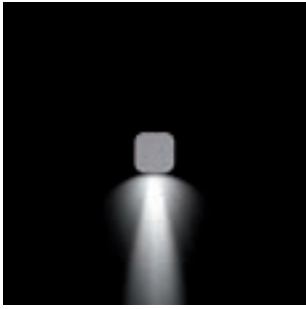


The fitting is
equipped with
2 cable input



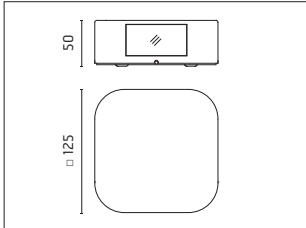
Protection against
impact.
IK 02 - 0,20 joule

Marco Power LED / Unidirectional - Narrow Beam 10°

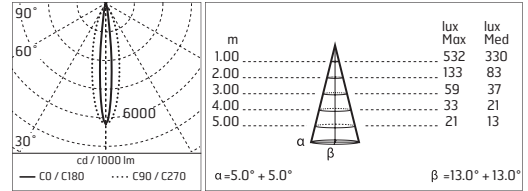


10711543 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 1W/100÷240V
 Total power 3W
 LED lm 130 ≠ FIXT lm 84
 CRI>70
 Electronic power supply included

10723043 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1W/100÷240V
 Total power 3W
 LED lm 112 ≠ FIXT lm 73
 CRI>80
 Electronic power supply included



10711643 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1W/100÷240V
 Total power 3W
 LED lm 104 ≠ FIXT lm 67
 CRI>80
 Electronic power supply included

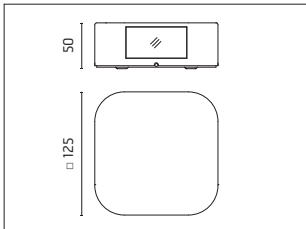


Marco Power LED / Unidirectional - Wide Beam 80°

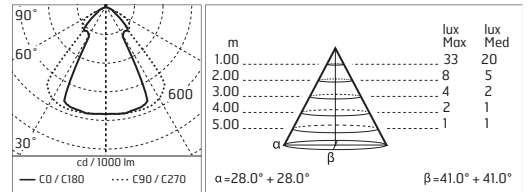


10711550 **A A+ A++**
 COOL WHITE 6000K
 POWER LED
 1W/100÷240V
 Total power 3W
 LED lm 130 ≠ FIXT lm 58
 CRI>70
 Electronic power supply included

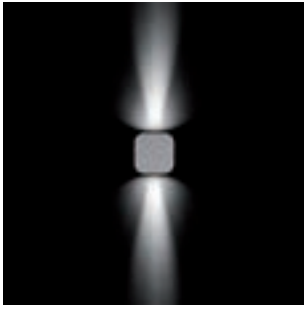
10723050 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1W/100÷240V
 Total power 3W
 LED lm 112 ≠ FIXT lm 50
 CRI>80
 Electronic power supply included



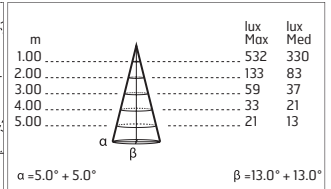
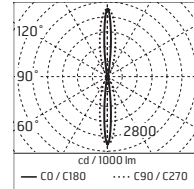
10711650 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1W/100÷240V
 Total power 3W
 LED lm 104 ≠ FIXT lm 46
 CRI>80
 Electronic power supply included



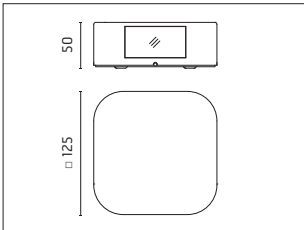
Marco Power LED / Bidirectional - Narrow Beam 10°



10711844 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x130 = FIXT lm 2x84
 CRI>70
 Electronic power supply included

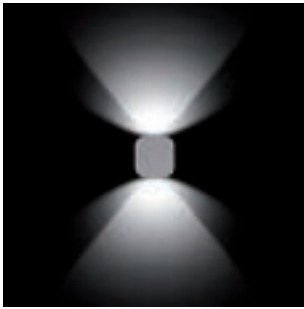


10723144 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x112 = FIXT lm 2x73
 CRI>80
 Electronic power supply included

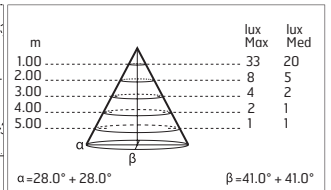
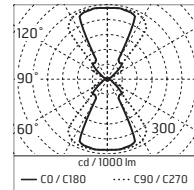


10711944 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x104 = FIXT lm 2x67
 CRI>80
 Electronic power supply included

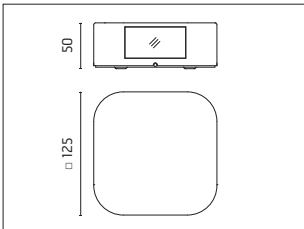
Marco Power LED / Bidirectional - Wide Beam 80°



10711851 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x130 = FIXT lm 2x58
 CRI>70
 Electronic power supply included



10723151 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x112 = FIXT lm 2x50
 CRI>80
 Electronic power supply included

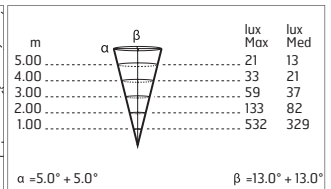
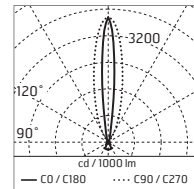


10711951 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x104 = FIXT lm 2x46
 CRI>80
 Electronic power supply included

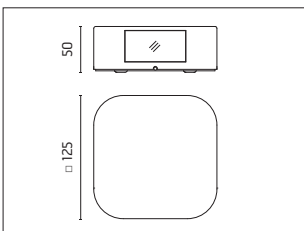
Marco Power LED / Bidirectional - Combined: Narrow Beam 10° + Wide Beam 80°



10712153 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x130 = FIXT lm 84+58
 CRI>70
 Electronic power supply included

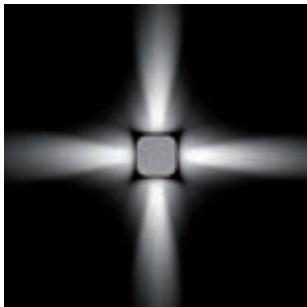


10723153 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x112 = FIXT lm 73+50
 CRI>80
 Electronic power supply included

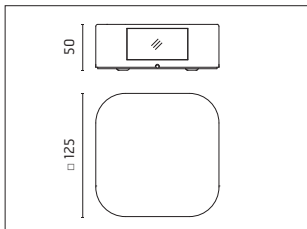
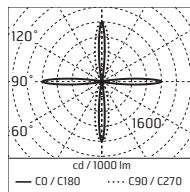


10712253 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x(1W)/100÷240V
 Total power 4W
 LED lm 2x104 = FIXT lm 67+46
 CRI>80
 Electronic power supply included

Marco Power LED / Omnidirectional - Narrow Beam 10°



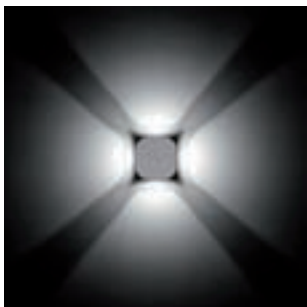
1079145 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 4x(1W)/100÷240V
 Total power 7W
 LED lm 4x130 ≠ FIXT lm 4x84
 CRI>70
 Electronic power supply included



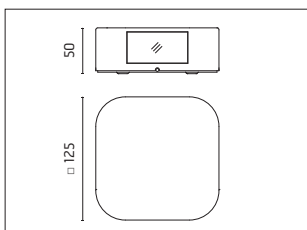
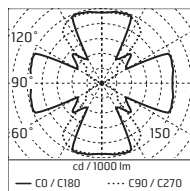
10723245 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4x(1W)/100÷240V
 Total power 7W
 LED lm 4x112 ≠ FIXT lm 4x73
 CRI>80
 Electronic power supply included

1079245 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4x(1W)/100÷240V
 Total power 7W
 LED lm 4x104 ≠ FIXT lm 4x67
 CRI>80
 Electronic power supply included

Marco Power LED / Omnidirectional - Wide Beam 80°



1079152 **A A+ A++**
 COOL WHITE 6000K
 POWER LEDs
 4x(1W)/100÷240V
 Total power 7W
 LED lm 4x130 ≠ FIXT lm 4x58
 CRI>70
 Electronic power supply included



10723252 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4x(1W)/100÷240V
 Total power 7W
 LED lm 4x112 ≠ FIXT lm 4x50
 CRI>80
 Electronic power supply included

1079252 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4x(1W)/100÷240V
 Total power 7W
 LED lm 4x104 ≠ FIXT lm 4x46
 CRI>80
 Electronic power supply included

Accessories: Marco LED

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
10711543	●
10711550	●
10711643	●
10711650	●
10711844	●
10711851	●

acc. code ▶	237
prod. code ▼	
10711944	●
10711951	●
10712153	●
10712253	●
10723043	●
10723050	●

acc. code ▶	237
prod. code ▼	
10723144	●
10723151	●
10723153	●



Jackie





Jackie

Jackie LED

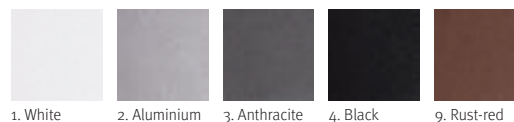
Design by Ares Concept

IP54

- Outdoor luminaire for installation on wall.
- Die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting. .
- Tempered transparent glass, expanded-silicone gaskets.
- Protection Rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: through a rubber cable holder (5xø10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

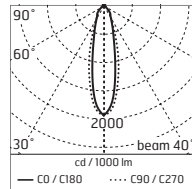
 	<p>LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced</p>
	<p>HALOGEN VERSION: Class B QR-CBC51/GU5.3</p>
	<p>HALOGEN VERSION: Class D QRPARCBC51/GZ10</p>



Jackie / Transparent Glass



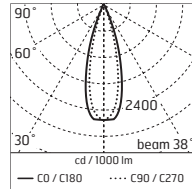
842800
PAR 16 35W/230V GZ10



m	lux	
	Max	Med
1.00	395	228
2.00	99	57
3.00	44	25
4.00	25	14
5.00	16	9

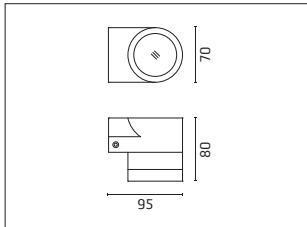
$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

843300
QR CBC 51 35W/12V GU5.3
Remote transformer to be ordered



m	lux	
	Max	Med
1.00	1831	1189
2.00	458	297
3.00	203	132
4.00	114	74
5.00	73	48

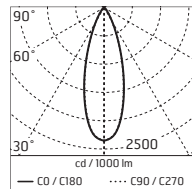
$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$



Jackie CoB LED / Transparent Glass - Narrow Beam 30°



8412700
COOL WHITE 6000K
CoB LED
4W/220÷230V
Total power 5W
LED lm 380 ≠ FIXT lm 273
CRI>70
Led module set up to work directly connected to the mains



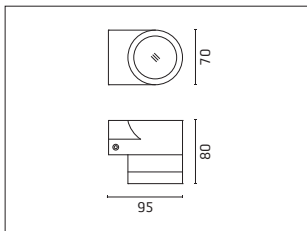
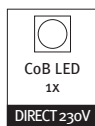
m	lux	
	Max	Med
1.00	646	390
2.00	162	97
3.00	72	43
4.00	40	24
5.00	26	16

$\alpha = 17.0^\circ + 17.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$

8427900
NATURAL WHITE 4000K
CoB LED
4W/220÷230V
Total power 5W
LED lm 370 ≠ FIXT lm 266
CRI>80
Led module set up to work directly connected to the mains



8412800
WARM WHITE 3000K
CoB LED
4W/220÷230V
Total power 5W
LED lm 350 ≠ FIXT lm 252
CRI>80
Led module set up to work directly connected to the mains

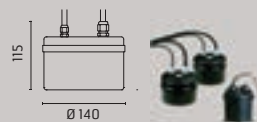


Accessories: Jackie - Jackie LED

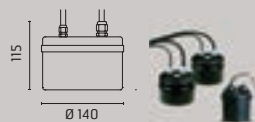
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



17
TRANSFORMER 200W
230V/12V 50Hz IP 66



18
TRANSFORMER 300W
230V/12V 50Hz IP 66



Accessories chart

acc. code	▶ 16	17	18	237
prod. code ▼				
842800				
843300	•	•	•	
8412700				•
8412800				•
8427900				•

237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66





Memi





Memi










Memi LED

Design by Ares Concept

IP65   

- Outdoor luminaire for installation on wall or on dedicated post.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered sandblasted glass, silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through M16x1,5 cable gland (4,5\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-DE/RX75
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2
	
	FLUORESCENT VERSION: Class A/B TC-D/G24d-3
	
	HALOGEN VERSION: Class D QT32/E27



Wall fitting



Bollard light



The fitting is equipped with 1 cable input



Protection against impact.
IK 07 - 2,00 joule

Memi / Sandblasted Glass

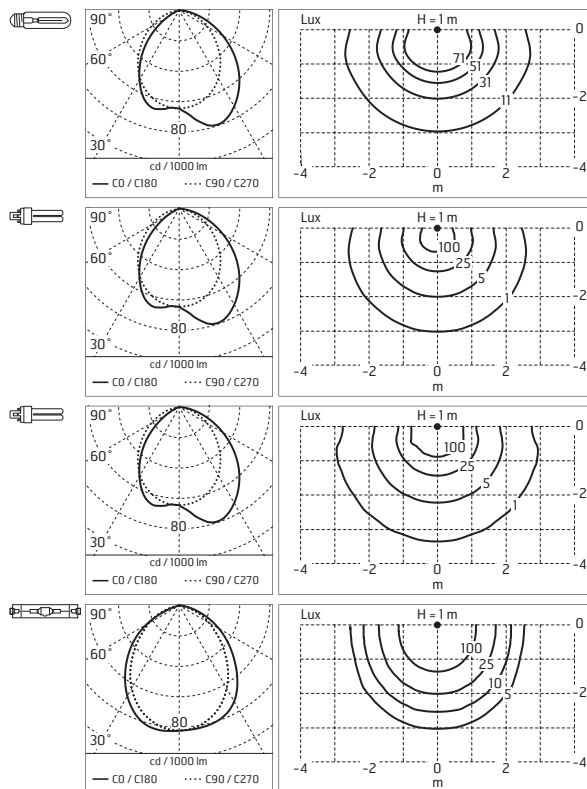
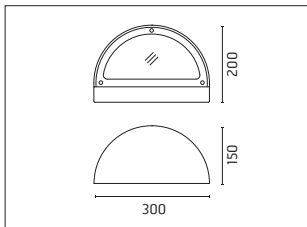


490100 D
QT 32 100W E27

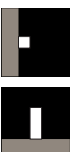
496000 A
TC-DEL 2x18W G24 q-2
Electronic ballast

491600 B A
TC-D 2x26W G24 d-3

492900 A+
HIT-DE 70W Rx7s
Electronic ballast



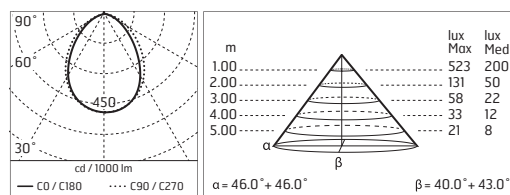
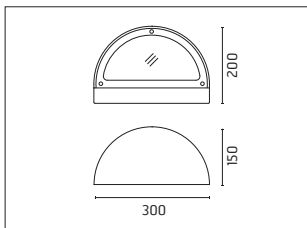
Memi Mid-Power LED / Sandblasted Glass



4927600 A A+ A++
COOL WHITE 6000K
MID-POWER LEDs
15W/220÷240V
Total power 18W
LED lm 2268 ≠ FIXT lm 1076
CRI>70
Electronic power supply included

4927700 A A+ A++
NATURAL WHITE 4000K
MID-POWER LEDs
15W/220÷240V
Total power 18W
LED lm 2187 ≠ FIXT lm 1037
CRI>80
Electronic power supply included

4927800 A A+ A++
WARM WHITE 3000K
MID-POWER LEDs
15W/220÷240V
Total power 18W
LED lm 2106 ≠ FIXT lm 999
CRI>80
Electronic power supply included



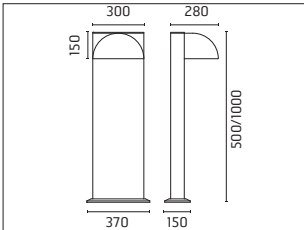
Memi / Poles



Poles with Base

2905
H 500mm

2910
H 1000mm



Accessories: Memi - Memi LED

237
SPD. (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

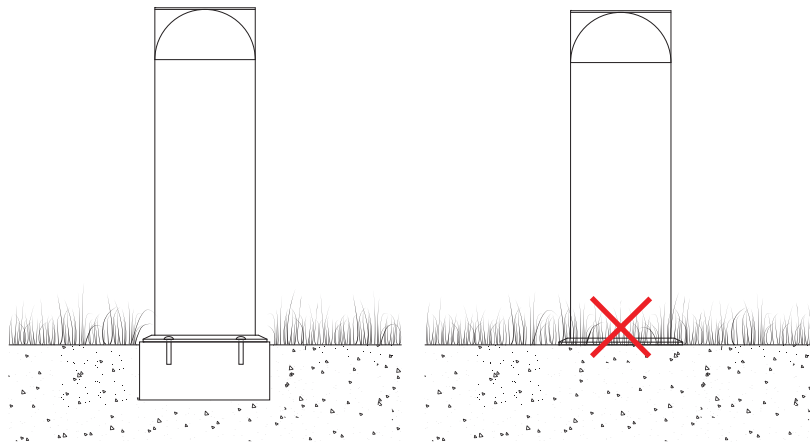
acc. code	▶	237
prod. code	▼	
490100		
491600		
492900		
496000		
4927600		•
4927700		•
4927800		•

Correct Fixing Method

Bollard fixed on plinth + plug

Incorrect Fixing Method

Do not fix the bollard directly on the ground



Otella





Otella

Design by Ares Concept

IP44   CE

- Outdoor luminaire for installation on wall.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass or convex lens, silicone gaskets. The glass can only be installed downward
- Protection Rating: IP44
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a rubber cable holder (5xø<10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

D

HALOGEN VERSION:

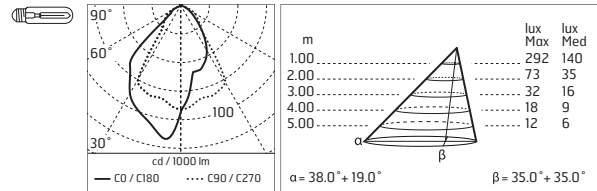
Class D
QT32/E27
QT-DE12/R75



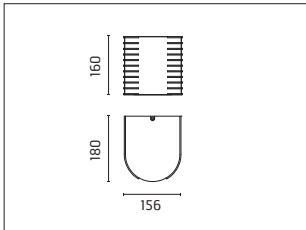
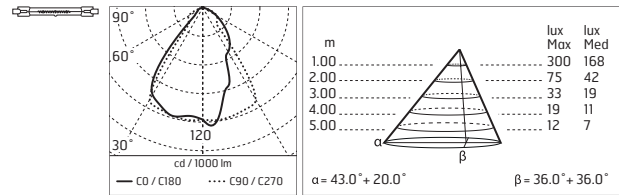
Otella / Unidirectional Version



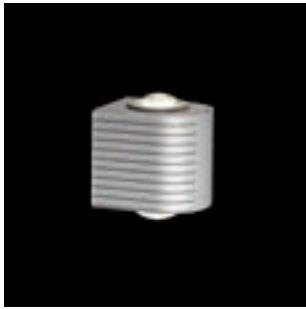
210121 D
QT 32 150W E27



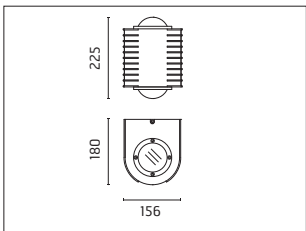
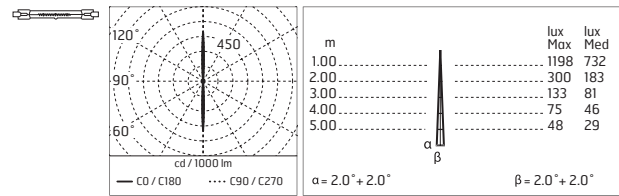
211821 D
QT-DE 12 150W R7s



Otella / Bidirectional Version - 2 Lenses



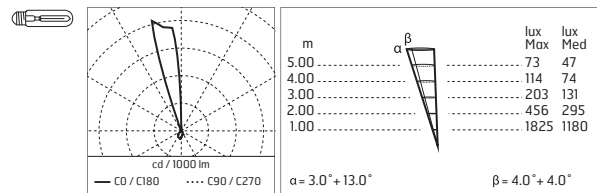
211844 D
QT-DE 12 150W R7s



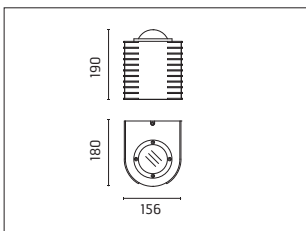
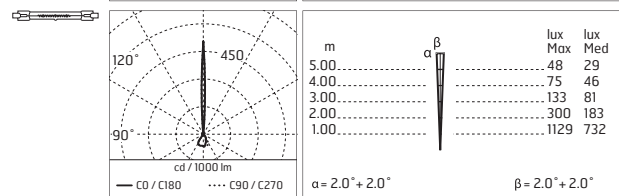
Otella / Bidirectional Version



210122 D
QT 32 150W E27



211822 D
QT-DE 12 150W R7s





Pat





Pat Pat LED

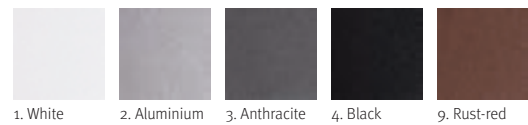
Design by Gigetto

IP65

- Round luminaire for outdoor installation on wall or on ceiling.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Self-extinguishing opal polycarbonate diffuser and moulded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation:
MiniPat: wiring through one EPDM rubber cable gland (5\times9mm cables)
Pat - MaxiPat: wiring through a rubber cable holder (5\times10 mm cables)
- Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	FLUORESCENT VERSION: Class A TC-DEL/G24q-1 TC-DEL/G24q-2 TC-DEL/G24q-3 TC-SEL/2G7
	HALOGEN VERSION: Class D QT32/E27 D45/E14

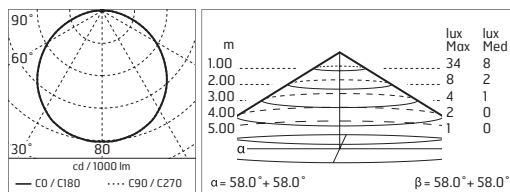


	Ceiling fitting		Wall fitting
	The fitting is equipped with 1 cable input		Protection against impact. IK 09 - 10,00 joule
	Glow wire test: 850°C		

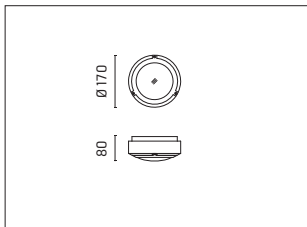
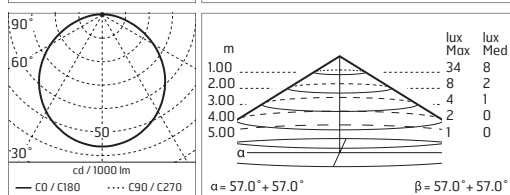
MiniPat



421100 **D**
D45 40W E14



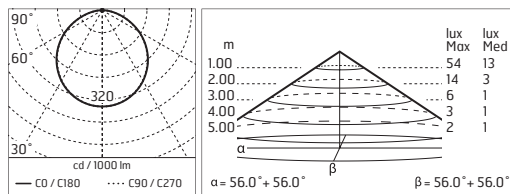
425700 **A**
TC-DEL 10W G24q-1
Electronic ballast



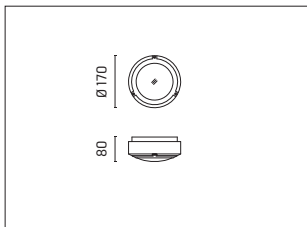
MiniPat Power LED



4210300 **A A+ A++**
COOL WHITE 6000K
POWER LEDs
5x1W/110÷240V
Total power 8W
LED lm 673 ÷ FIXT lm 158
CRI>70
Electronic power supply included

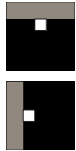


4219100 **A A+ A++**
NATURAL WHITE 4000K
POWER LEDs
5x1W/110÷240V
Total power 8W
LED lm 573 ÷ FIXT lm 134
CRI>80
Electronic power supply included



4210400 **A A+ A++**
WARM WHITE 3000K
POWER LEDs
5x1W/110÷240V
Total power 8W
LED lm 518 ÷ FIXT lm 121
CRI>80
Electronic power supply included

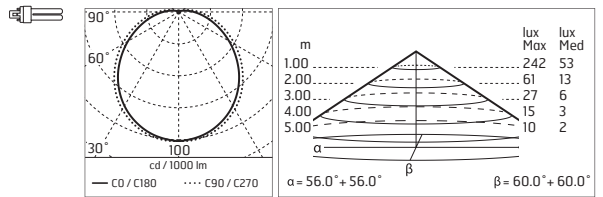
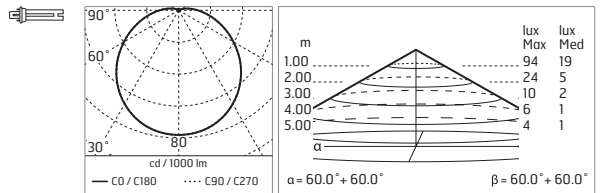
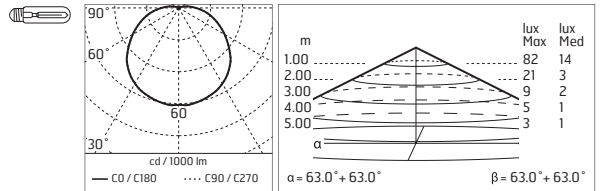
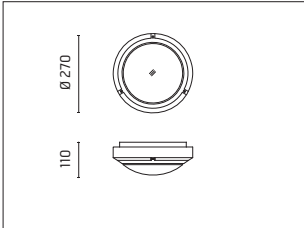
Pat / All-light



430123 D
QT 32 100W E27

434123 A
TC-SEL 2x9W 2G7
Electronic ballast

436023 A
TC-DEL 2x18W G24q-2
Electronic ballast



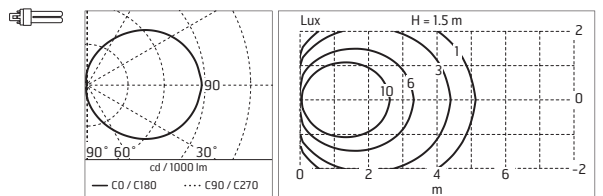
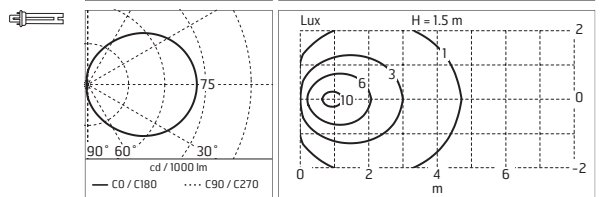
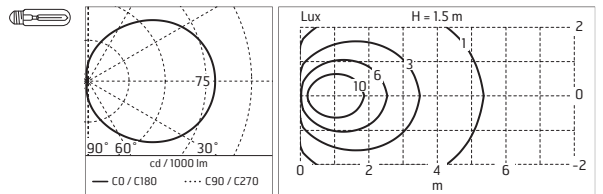
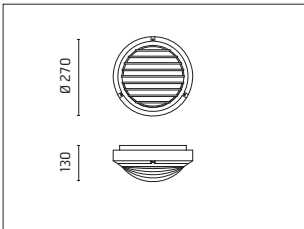
Pat / Louvre



430105 D
QT 32 100W E27

434105 A
TC-SEL 2x9W 2G7
Electronic ballast

436005 A
TC-DEL 2x18W G24q-2
Electronic ballast



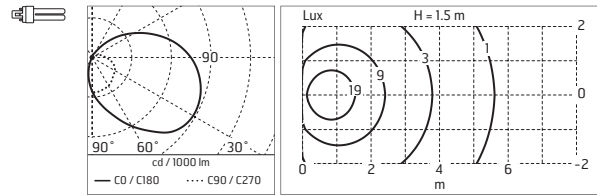
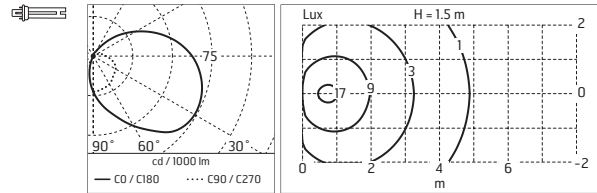
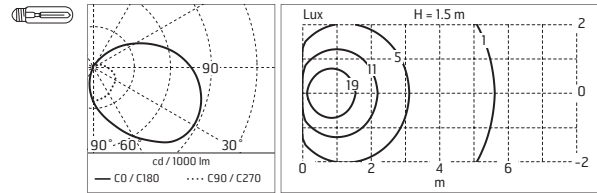
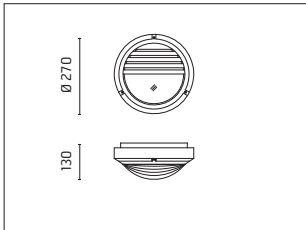
Pat / Half Louvre



430110 D
QT 32 100W E27

434110 A
TC-SEL 2x9W 2G7
Electronic ballast

436010 A
TC-DEL 2x18W G24q-2
Electronic ballast



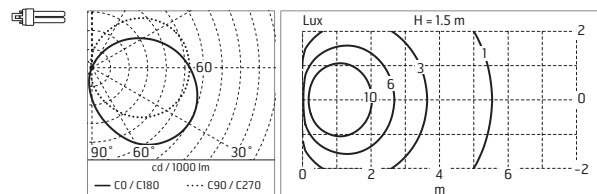
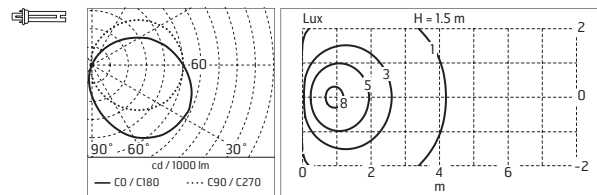
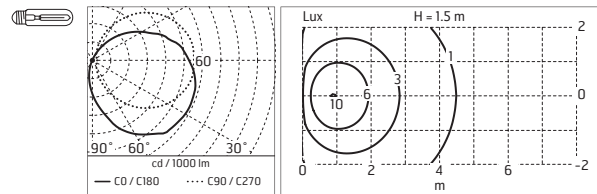
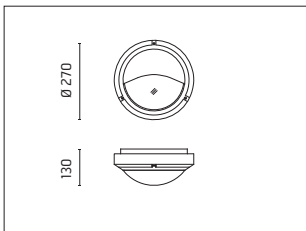
Pat / Visor



430107 D
QT 32 100W E27

434107 A
TC-SEL 2x9W 2G7
Electronic ballast

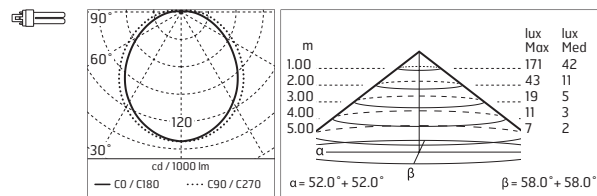
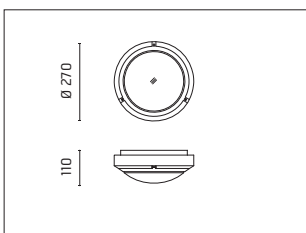
436007 A
TC-DEL 2x18W G24q-2
Electronic ballast



Pat / Emergency (Autonomy: 1h 30 min) - The emergency unit and the power supply unit have a common neutral



455923 A
TC-DEL 18W G24q-2
Electronic ballast

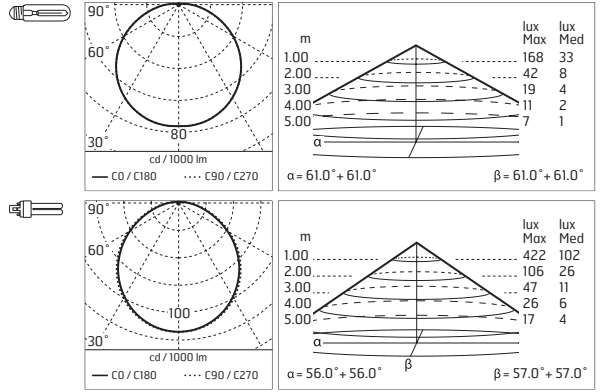
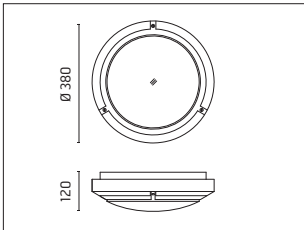


MaxiPat



440223 D
QT 32 2x75W E27

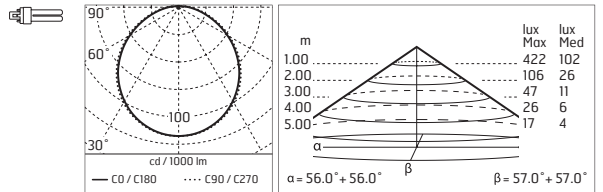
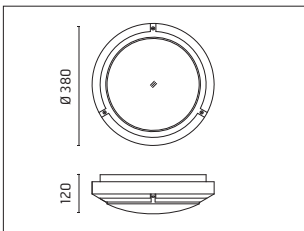
446223 A
TC-DEL 2x26W G24q-3
Electronic ballast



MaxiPat / Emergency (Autonomy: 1h 30 min) -The emergency unit and the power supply unit have a common neutral



456223 A
TC-DEL 2x26W G24q-3
Electronic ballast



Accessories: Pat - Pat LED

237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code ▶	237
prod. code ▼	
421100	
425700	
430105	
430107	
430110	
430123	

acc. code ▶	237
prod. code ▼	
434105	
434107	
434110	
434123	
436005	
436007	

acc. code ▶	237
prod. code ▼	
436010	
436023	
440223	
446223	
455923	
456223	

acc. code ▶	237
prod. code ▼	
4210300	●
4210400	●
4219100	●

Sam





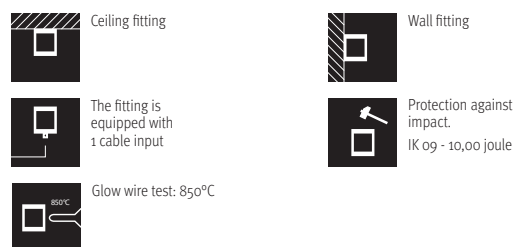
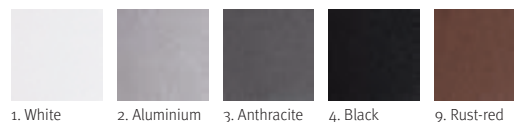
Sam
Design by Gigetto

IP65

- Round luminaire for outdoor installation on wall or on ceiling.
- Configuration: die-cast aluminium structure . EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Self-extinguishing opal polycarbonate diffuser and moulded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a rubber cable holder (5\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder

EU Regulation 874/2012 - Illumination equipment energy classes

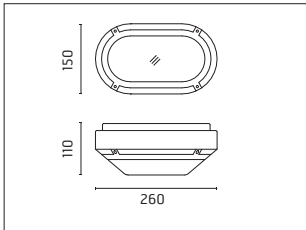
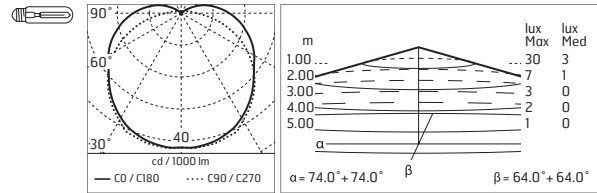
- A** FLUORESCENT VERSION:
Class A
TC-SEL/2G7
- D** HALOGEN VERSION:
Class D
QT32/E27



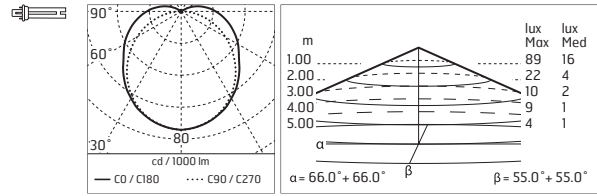
Sam / All-light



520123 D
QT 32 60W E27



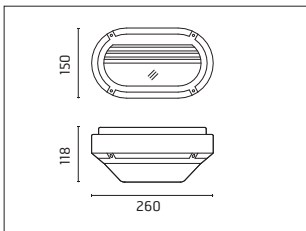
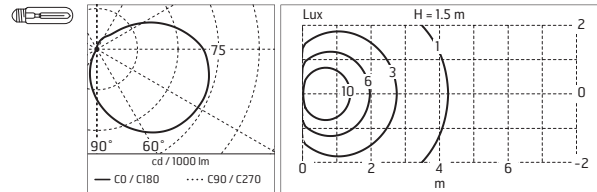
5214123 A
TC-SEL 2x9W 2G7
Electronic ballast



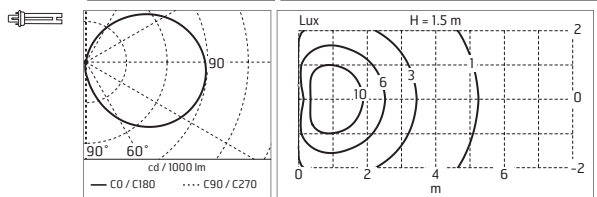
Sam / Half Louvre



520110 D
QT 32 60W E27



5214110 A
TC-SEL 2x9W 2G7
Electronic ballast

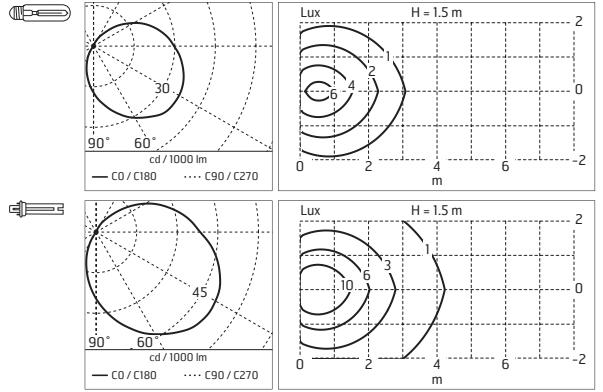
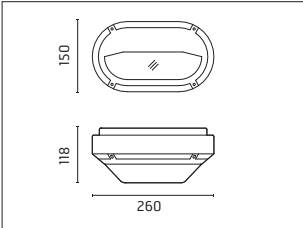


Sam / Horizontal Visor



520107 D
QT 32 60W E27

5214107 A
TC-SEL 2x9W 2G7
Electronic ballast

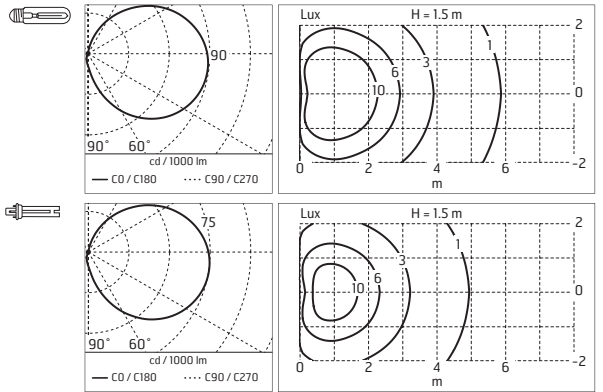
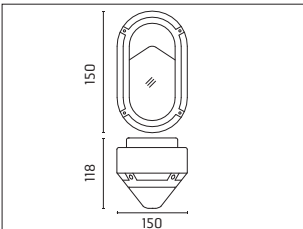


Sam / Vertical Visor



520137 D
QT 32 60W E27

5214137 A
TC-SEL 2x9W 2G7
Electronic ballast



Isotta







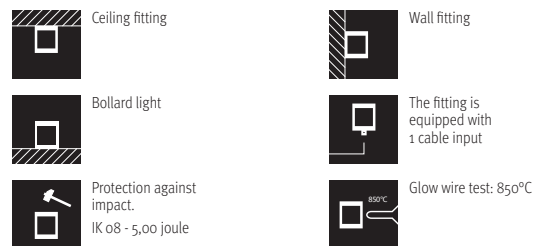
Isotta
Design by Gigetto

IP65   

- Round luminaire for outdoor installation on wall, ceiling or on dedicated post.
- Configuration: die-cast aluminium structure . EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents).The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Self-extinguishing opal polycarbonate diffuser and moulded silicone gaskets.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a rubber cable holder (5\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

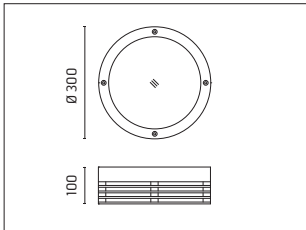
- A**  **FLUORESCENT VERSION:**
Class A
TC-DEL/G24q-3
- D**  **HALOGEN VERSION:**
Class D
QT32/E27



Isotta

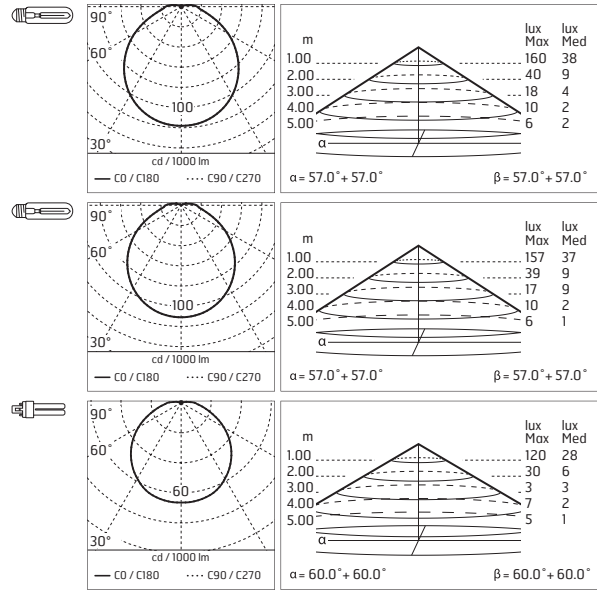


400100 D
QT 32 100W E27



400200 D
QT 2x60W E27

406200 A
TC-DEL 26W G24q-3
Electronic ballast



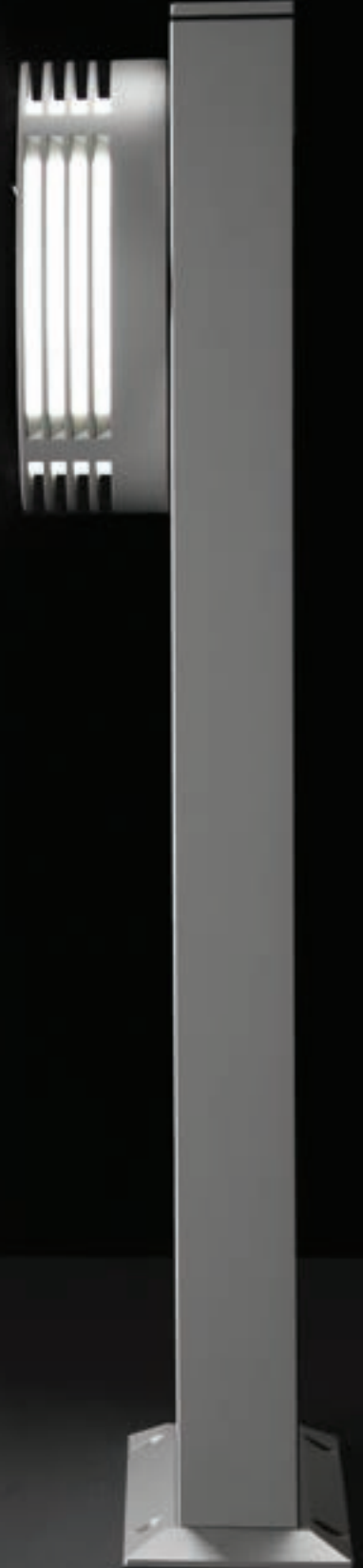
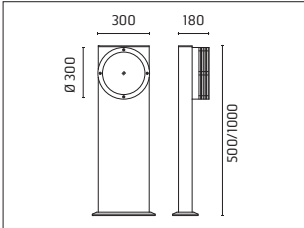
Isotta / Poles



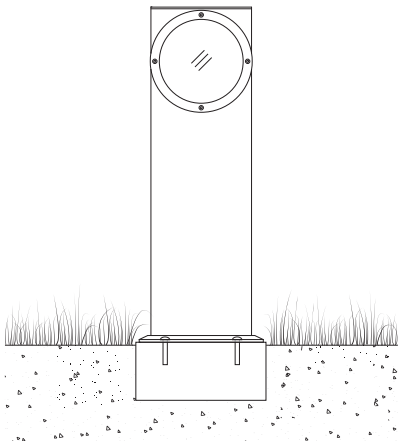
Poles with Base

2305
H 500mm

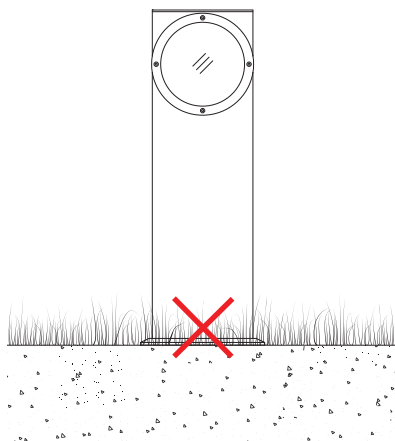
2310
H 1000mm



Correct Fixing Method
Bollard fixed on plinth + plug



Incorrect Fixing Method
Do not fix the bollard directly on the ground



Paola



Paola












Paola LED

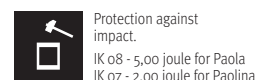
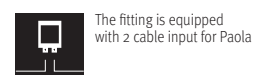
Design by Gigetto

IP65   

- Outdoor luminaire for installation on wall or on ceiling.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent or sandblasted glass, pure aluminium optics, silicone gasket.
- Glass fixed to the aluminium body through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation:
 - Paolina: wiring through a PG9 nickel-plated brass cable gland (3,5 \times Ø8mm cables)
 - Paola: wiring through two M16x1,5mm plastic cable glands (4,5 \times Ø10mm cables)
- Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.

EU Regulation 874/2012 - Illumination equipment energy classes

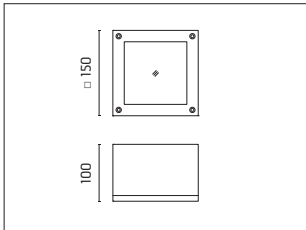
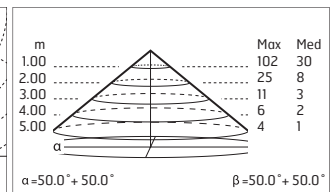
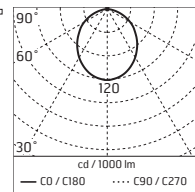
	LED VERSION: Class A/A+/A++
	Luminaire supplied with integrated LED modules which cannot be replaced
	
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-2
	
	FLUORESCENT VERSION: Class A/B TC-D/G24d-3
	
	HALOGEN VERSION: Class C/D QT-DE12/R75
	
	HALOGEN VERSION: Class D QT32/E27 QT-DE12/R75
	



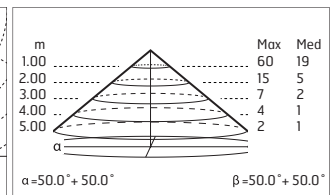
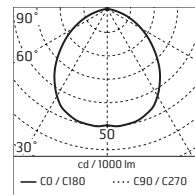
Paolina / All-light - Sandblasted Glass



891823 **DC**
QT-DE 12 60W R7s (75mm)



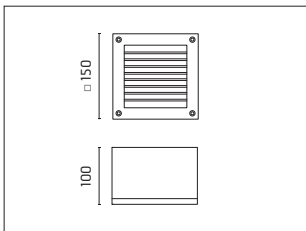
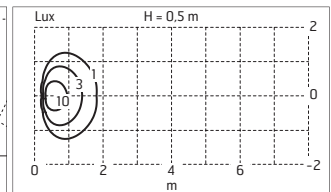
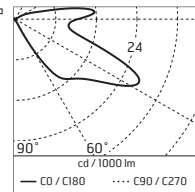
898523 **A**
TC-TEL 18W GX24q-2
Electronic ballast



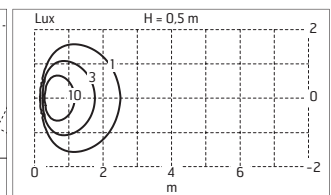
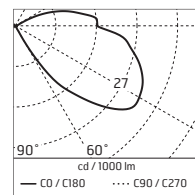
Paolina / Directional Louvre - Sandblasted Glass



891805 **DC**
QT-DE 12 60W R7s (75mm)



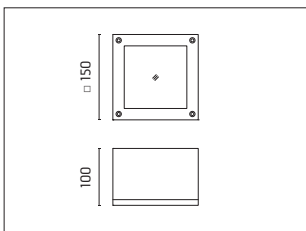
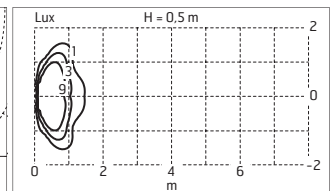
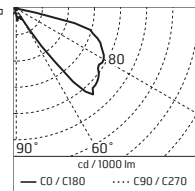
898505 **A**
TC-TEL 18W GX24q-2
Electronic ballast



Paolina / Transparent Glass - Asymmetric Optic - Internal Visor



891814 **DC**
QT-DE 12 60W R7s (75mm)



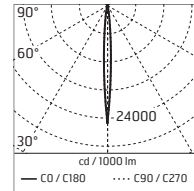
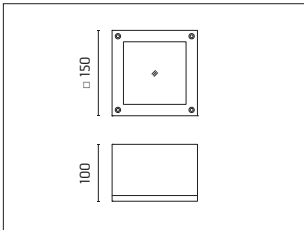
Paolina Power LED / Transparent Glass - Symmetric Optic - Narrow Beam 10°



8910912 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 1211 ≠ FIXT lm 1103
 CRI>70
 Electronic power supply included

8922812 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 1031 ≠ FIXT lm 939
 CRI>80
 Electronic power supply included

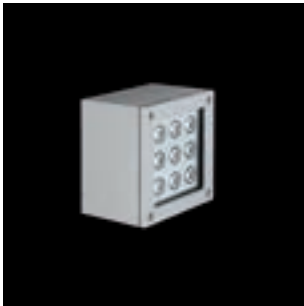
8911012 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 932 ≠ FIXT lm 848
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	27580	16270
2.00	6895	4068
3.00	3064	1808
4.00	1724	1017
5.00	1103	651

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

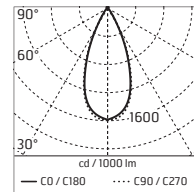
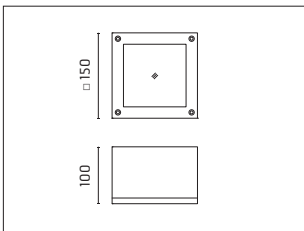
Paolina Power LED / Transparent Glass - Symmetric Optic - Medium Beam 40°



8910923 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 1211 ≠ FIXT lm 964
 CRI>70
 Electronic power supply included

8922823 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 1031 ≠ FIXT lm 820
 CRI>80
 Electronic power supply included

8911023 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 932 ≠ FIXT lm 742
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	1530	907
2.00	383	227
3.00	170	101
4.00	96	57
5.00	61	36

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

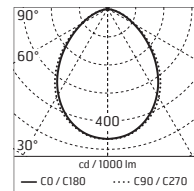
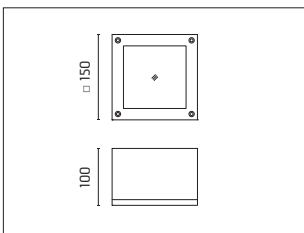
Paolina Power LED / Sandblasted Glass - Symmetric Optic



8910957 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 1211 ≠ FIXT lm 623
 CRI>70
 Electronic power supply included

8922857 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 1031 ≠ FIXT lm 531
 CRI>80
 Electronic power supply included

8911057 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 9x1W / 220÷240V
 Total power 12W
 LED lm 932 ≠ FIXT lm 480
 CRI>80
 Electronic power supply included



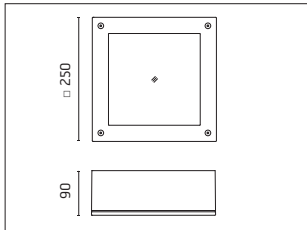
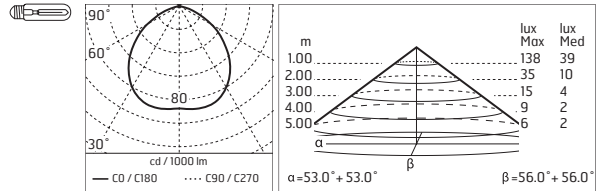
m	lux	
	Max	Med
1.00	288	105
2.00	72	26
3.00	32	12
4.00	18	7
5.00	12	4

$\alpha = 45.0^\circ + 45.0^\circ$ $\beta = 45.0^\circ + 45.0^\circ$

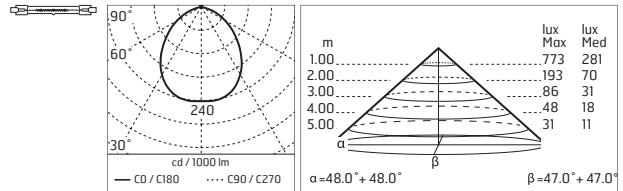
Paola / All-light - Sandblasted Glass - Symmetric Optic



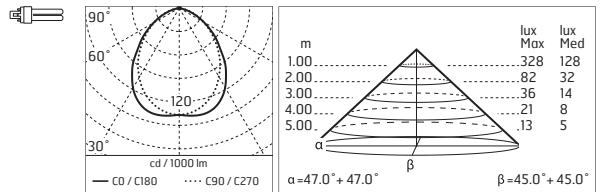
890200 D
QT 32 2x60W E27



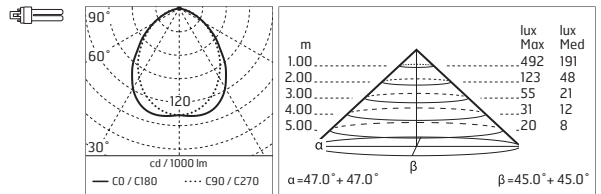
891400 D
QT-DE 12 150W R7s



896000 A
TC-DEL 2x18W G24q-2
Electronic ballast



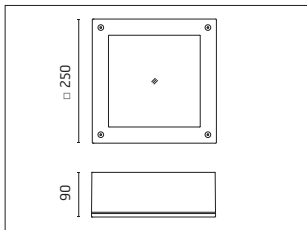
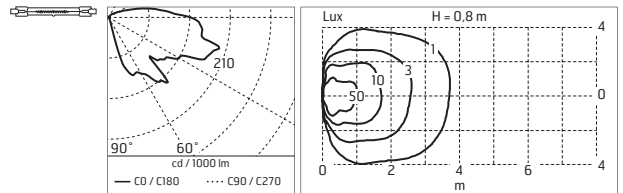
891600 B A
TC-D 2x26W G24d-3



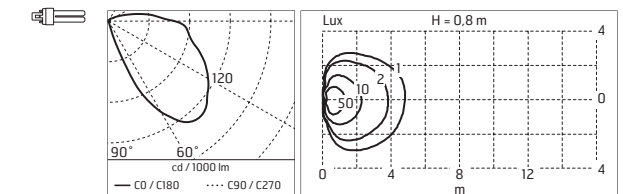
Paola / Transparent Glass - Asymmetric Optic



891414 D
QT-DE 12 150W R7s



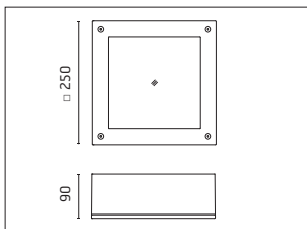
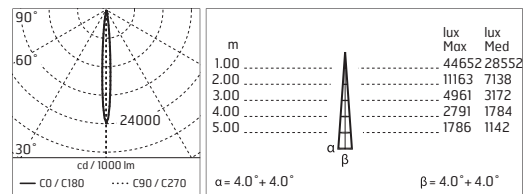
896114 A
TC-DEL 26W G24q-3
Electronic ballast



Paola Power LED / Transparent Glass - Symmetric Optic - Narrow Beam 10°



8910012 A A+ A++
COOL WHITE 6000K
POWER LEDs
16x1W / 220÷240V
Total power 20W
LED lm 2152 ≠ FIXT lm 1865
CRI>70
Electronic power supply included

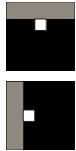


8922412 A A+ A++
NATURAL WHITE 4000K
POWER LEDs
16x1W / 220÷240V
Total power 20W
LED lm 1832 ≠ FIXT lm 1588
CRI>80
Electronic power supply included



8910112 A A+ A++
WARM WHITE 3000K
POWER LEDs
16x1W / 220÷240V
Total power 20W
LED lm 1656 ≠ FIXT lm 1435
CRI>80
Electronic power supply included

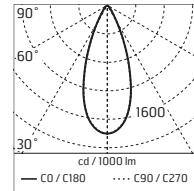
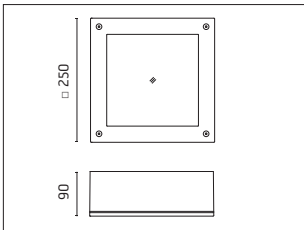
Paola Power LED / Transparent Glass - Symmetric Optic - Medium Beam 40°



8910023 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 16x1W /220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1607
 CRI>70
 Electronic power supply included

8922423 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W /220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1368
 CRI>80
 Electronic power supply included

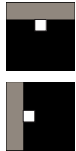
8910123 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 16x1W /220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 1237
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	2924	1743
2.00	731	436
3.00	325	194
4.00	183	109
5.00	117	70

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

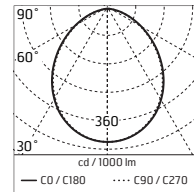
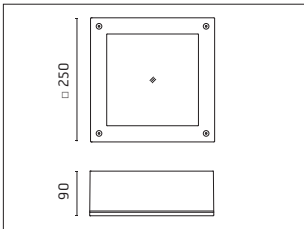
Paola Power LED / Sandblasted Glass - Symmetric Optic



8910057 A A+ A++
 COOL WHITE 6000K
 POWER LEDs
 16x1W /220÷240V
 Total power 20W
 LED lm 2152 ≠ FIXT lm 1298
 CRI>70
 Electronic power supply included

8922457 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 16x1W /220÷240V
 Total power 20W
 LED lm 1832 ≠ FIXT lm 1103
 CRI>80
 Electronic power supply included

8910157 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 16x1W /220÷240V
 Total power 20W
 LED lm 1656 ≠ FIXT lm 999
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	554	180
2.00	138	45
3.00	62	20
4.00	35	11
5.00	22	7

$\alpha = 49.0^\circ + 49.0^\circ$ $\beta = 49.0^\circ + 49.0^\circ$

Accessories: Paola - Paola LED

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code	▶	237
prod. code	▼	
890200		
891400		
891414		
891600		
891805		
891814		
891823		
896000		
896114		
898505		

acc. code	▶	237
prod. code	▼	
898523		
8910012	●	
8910023	●	
8910057	●	
8910112	●	
8910123	●	
8910157	●	
8910912	●	
8910923	●	
8910957	●	

acc. code	▶	237
prod. code	▼	
8911012	●	
8911023	●	
8911057	●	
8922412	●	
8922423	●	
8922457	●	
8922812	●	
8922823	●	
8922857	●	

Skylight

NEW
2015






Skylight LED

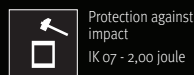
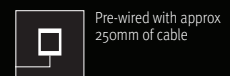
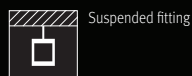
Design by Rocco Este

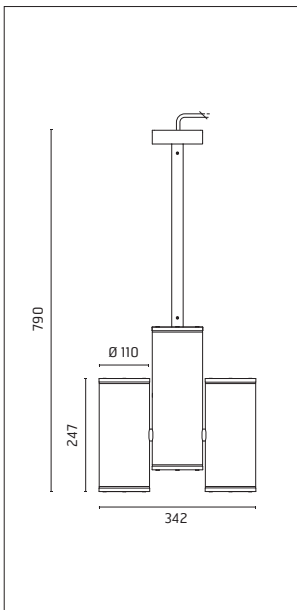
IP65   

- Suspended LED luminaire for installation outdoor.
- Configuration: extruded aluminium structure and die-cast aluminium frames and caps, EN AB 47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- An IP65 junction between the wiring unit and the emitting unit allows the adjustment of the light emission. Customisable light emission: various beams and colour temperatures available.
- Tempered transparent glass with silkscreen border fixed to the aluminium structure through a robotic gluing system.
- Protection Rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: Skylight is equipped with a piece of cable (approx. 250mm) and a metal fixing plate for installation on ceiling. As an alternative, a Velcro strap (on request) allows installation as suspended lamp on branches or beams. IP68 connector (7mm \times 42mm cables) included.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION:
	Class A/A+/A++
	Luminaire supplied with integrated LED modules which cannot be replaced





SKYLIGHT CoB LED: cod 543...

A A+ A++ Single ignition fixture

The following technical informations refer to the single source.*

* 12W/220÷240V
Total power 15W
CRI >80
Electronic power supply included

MODULE SELECTION OPTIONS:

*MODULE "A"
Natural White 4000K
CoB LED
Narrow Beam 20°
LED lm 1484 ≠ FIXT lm 1331

*MODULE "B"
Natural White 4000K
CoB LED
Medium Beam 40°
LED lm 1484 ≠ FIXT lm 1321

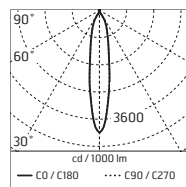
*MODULE "C"
Warm White 3000K
CoB LED
Narrow Beam 20°
LED lm 1310 ≠ FIXT lm 1175

*MODULE "D"
Warm White 3000K
CoB LED
Medium Beam 40°
LED lm 1310 ≠ FIXT lm 1166

*MODULE "Ø" = no light source

*** FINISHING COLOUR SELECTION**

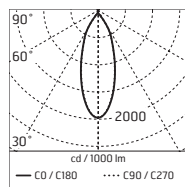
.1 White - .2 Aluminium - .3 Anthracite
.4 Black - .9 Rust-Red"



Narrow Beam 20°

m	lux Max	lux Med
1.00	5391	3313
2.00	1348	828
3.00	599	368
4.00	337	207
5.00	216	133

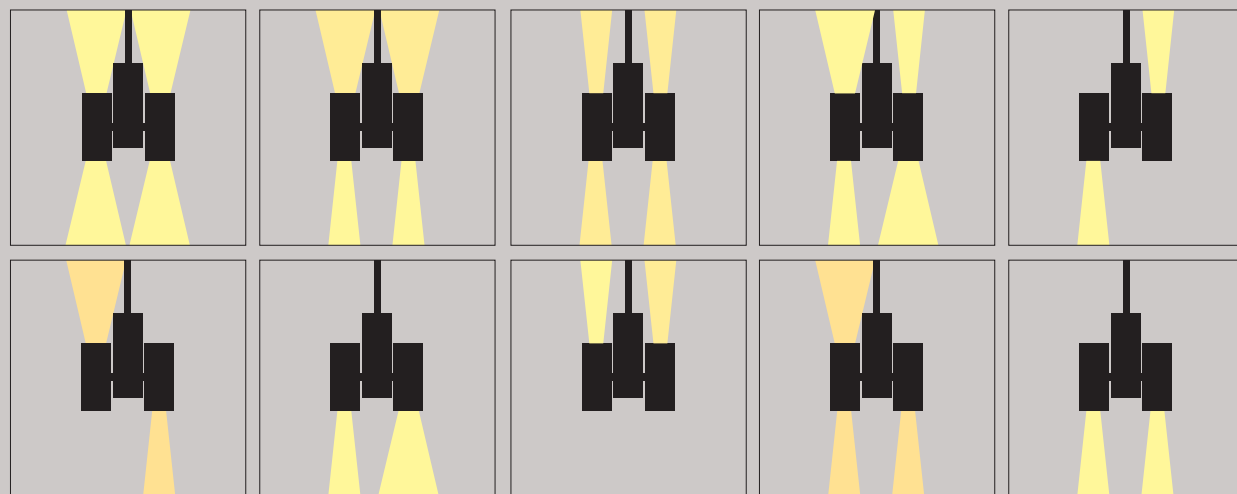
α = 10.0° + 10.0° β = 10.0° + 10.0°



Medium Beam 40°

m	lux Max	lux Med
1.00	2588	1502
2.00	647	376
3.00	288	167
4.00	162	94
5.00	104	60

α = 20.0° + 20.0° β = 20.0° + 20.0°



MAKE YOUR OWN SKYLIGHT

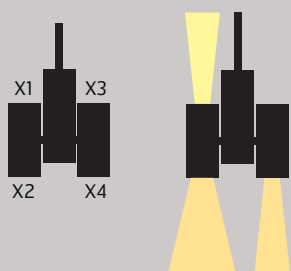
Follow the position of the light sources as per the image (X1 - X2 - X3 - X4)
And match to each one the module you prefer (A - B - C - D - Ø - Finishing colour)

Example:

543ADØC.4

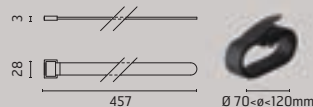
543 X1- X2 - X3 - X4 - .4
in this case becomes 543 A - D - Ø - C - .4

543 = Skylight reference code
Position X1 = module A
Position X2 = module D
Position X3 = module Ø
Position X4 = module C
Colour finishing.4



Accessories: Skylight LED

214
SELF-LOCKING VELCRO STRAP (ALLOWED DIAMETERS FOR FIXING STRAP 70-120mm)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66





Yama



Yama LED

Design by Gigetto

IP65   

- Outdoor cylindrical luminaire for installation on ceiling.
- Configuration: extruded aluminium structure with die-cast aluminium fixing base and frame EN AB-47100 alloy (low copper content).
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass mechanically glued to the frame and moulded silicone gasket
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Yama H170mm is pre-wired with 2000mm cable (the electronic power supply is supplied with the luminaire as a remote IP67 Kit). Yama H300mm: wiring through two EPDM rubber cable holders (5\times9mm cable). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:

Class A/A+/A++
Luminaire supplied
with integrated LED modules
which cannot be replaced



Ceiling fitting



Yama H 300mm:
equipped with 2
cable input



Yama H 170mm : pre-wired
with approx 2000mm
of cable

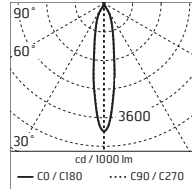


Protection against
impact.
IK 05 - 0,70 joule*
IK 07 - 2,00 joule**
*(version \varnothing 110 mm)
**(version \varnothing 150 mm)

Yama CoB LED / Ø 110mm - H 170mm - Narrow Beam 20°



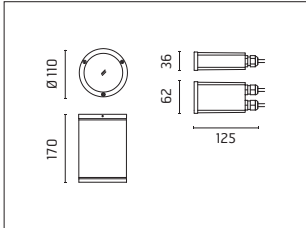
531005 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220-240V
 Total power 15W
 LED lm 1484 ≠ FIXT lm 1331
 CRI>80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	5391	3313
2.00	1348	828
3.00	599	368
4.00	337	207
5.00	216	133

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

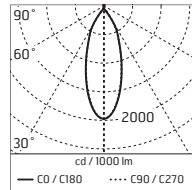
531006 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220-240V
 Total power 15W
 LED lm 1310 ≠ FIXT lm 1175
 CRI>80
 Kit with remote electronic power supply



Yama CoB LED / Ø 110mm - H 170mm - Medium Beam 40°



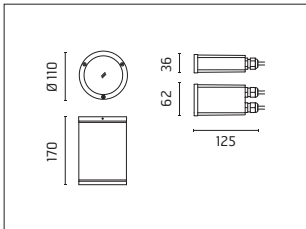
531002 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220-240V
 Total power 15W
 LED lm 1484 ≠ FIXT lm 1321
 CRI>80
 Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	2588	1502
2.00	647	376
3.00	288	167
4.00	162	94
5.00	104	60

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

531003 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220-240V
 Total power 15W
 LED lm 1310 ≠ FIXT lm 1166
 CRI>80
 Kit with remote electronic power supply



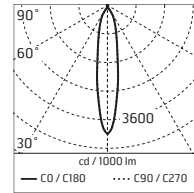
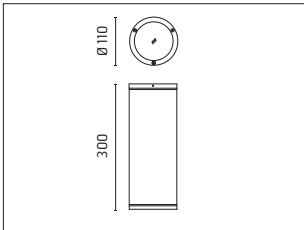
220÷240V
 Kit with remote electronic power supply

Yama CoB LED / Ø 110mm - H 300mm - Narrow Beam 20°



531011 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 LED lm 1484 ≠ FIXT lm 1331
 CRI>80
 Electronic power supply included

531012 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 LED lm 1310 ≠ FIXT lm 1175
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	5391	3313
2.00	1348	828
3.00	599	368
4.00	337	207
5.00	216	133

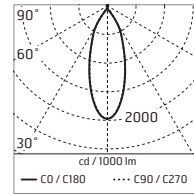
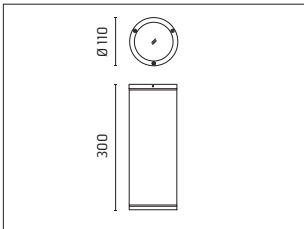
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Yama CoB LED / Ø 110mm - H 300mm - Medium Beam 40°



531008 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 LED lm 1484 ≠ FIXT lm 1321
 CRI>80
 Electronic power supply included

531009 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 LED lm 1310 ≠ FIXT lm 1166
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	2588	1502
2.00	647	376
3.00	288	167
4.00	162	94
5.00	104	60

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



Yama CoB LED / Ø 150mm - H 170mm - Narrow Beam 20°



531017 A A+ A++

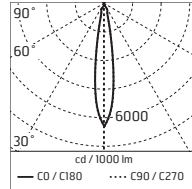
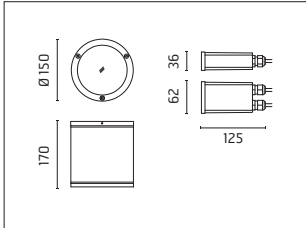
NATURAL WHITE 4000K
CoB LED
16,5W/220÷240V
Total power 20W
LED lm 2105 ≠ FIXT lm 1681
CRI>80

Kit with remote electronic power supply

531018 A A+ A++

WARM WHITE 3000K
CoB LED
16,5W/220÷240V
Total power 20W
LED lm 1882 ≠ FIXT lm 1503
CRI>80

Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	108846740	
2.00	2721 1685	
3.00	1209 749	
4.00	680 421	
5.00	435 270	

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Yama CoB LED / Ø 150mm - H 170mm - Medium Beam 40°



531014 A A+ A++

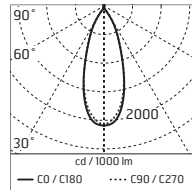
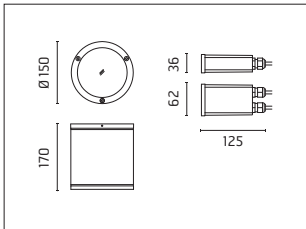
NATURAL WHITE 4000K
CoB LED
16,5W/220÷240V
Total power 20W
LED lm 2105 ≠ FIXT lm 1696
CRI>80

Kit with remote electronic power supply

531015 A A+ A++

WARM WHITE 3000K
CoB LED
16,5W/220÷240V
Total power 20W
LED lm 1882 ≠ FIXT lm 1517
CRI>80

Kit with remote electronic power supply



m	lux	
	Max	Med
1.00	3546 2098	
2.00	887 524	
3.00	394 233	
4.00	222 131	
5.00	142 84	

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



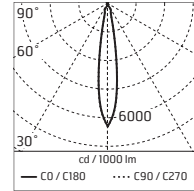
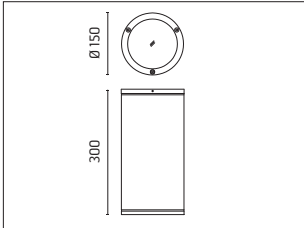
220÷240V
Kit with remote electronic power supply

Yama CoB LED / Ø 150mm - H 300mm - Narrow Beam 20°



531025 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 16,5W/220÷240V
 Total power 20W
 LED lm 2105 ≠ FIXT lm 1681
 CRI>80
 Electronic power supply included

531024 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 16,5W/220÷240V
 Total power 20W
 LED lm 1882 ≠ FIXT lm 1503
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	10884	6740
2.00	2721	1685
3.00	1209	749
4.00	680	421
5.00	435	270

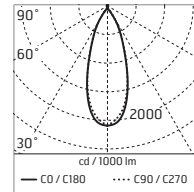
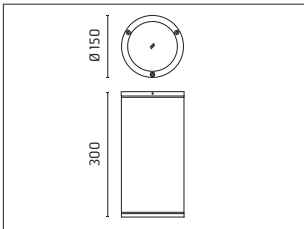
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Yama CoB LED / Ø 150mm - H 300mm - Medium Beam 40°



531020 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 16,5W/220÷240V
 Total power 20W
 LED lm 2105 ≠ FIXT lm 1696
 CRI>80
 Electronic power supply included

531021 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 16,5W/220÷240V
 Total power 20W
 LED lm 1882 ≠ FIXT lm 1517
 CRI>80
 Electronic power supply included



m	lux	
	Max	Med
1.00	3546	2098
2.00	887	524
3.00	394	233
4.00	222	131
5.00	142	84

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

Accessories: Yama LED

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 10A
 SUITABLE FOR SERIES CONNECTION - IP66

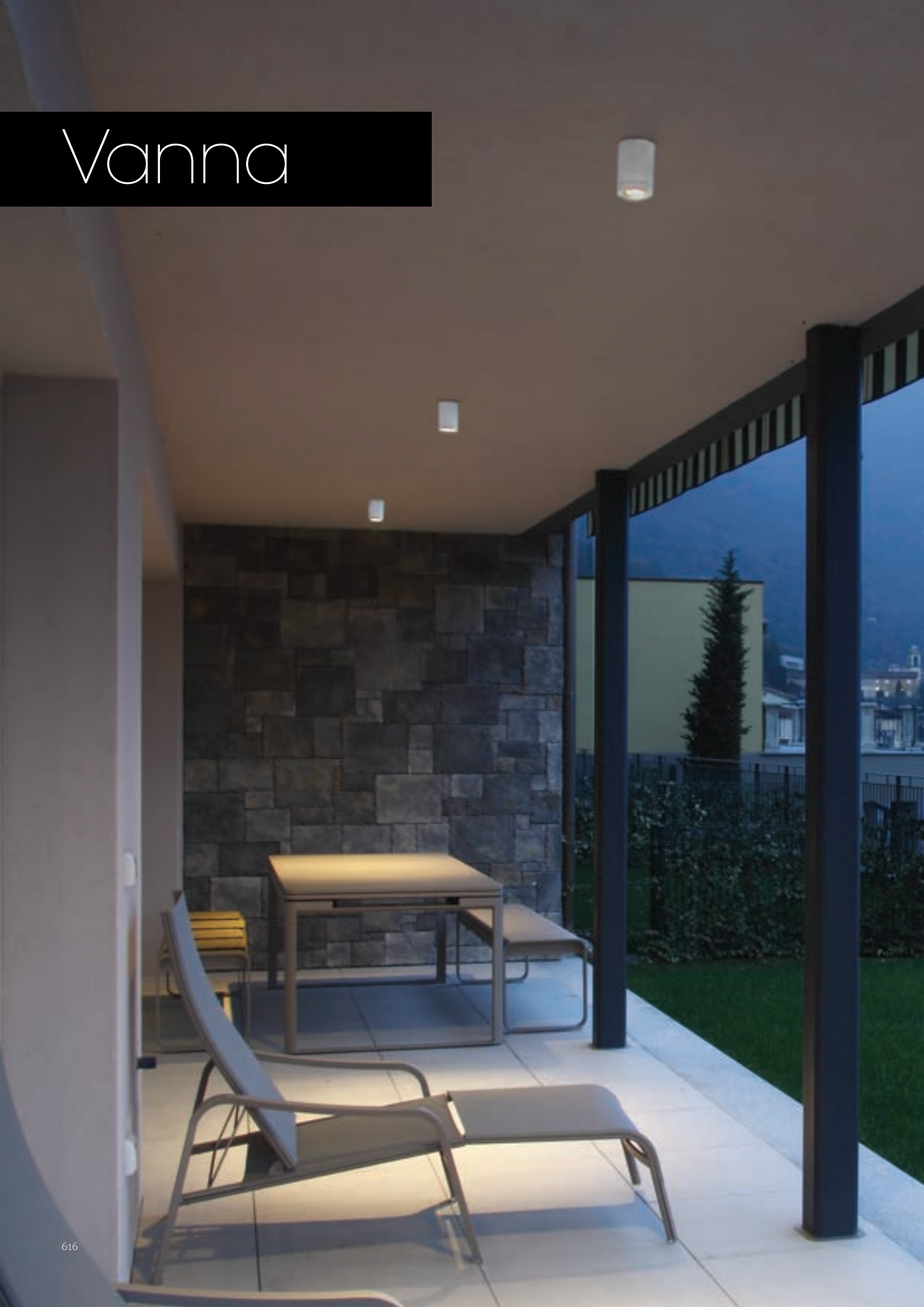


Accessories chart

acc. code	▶	237
prod. code	▼	
ALL CODES	●	



Vanna



Vanna














Vanna LED

Design by Ares Concept

IP55    CE

- Outdoor luminaire for installation on ceiling.
- Configuration: die-cast aluminium fixing base and frames, EN AB47100 alloy (low copper content). Extruded aluminium body.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass and moulded silicone gasket
- Protection Rating: IP55
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation:
 - Minivanna: wiring through a rubber cable holder (5\times10mm)
 - Vanna: wiring through an M16x1,5 cable gland (4,5\times10mm)
 - MaxiVanna: wiring through an M16x1,5 cable gland (4,5\times10mm)
- Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland/holder.

EU Regulation 874/2012 - Illumination equipment energy classes

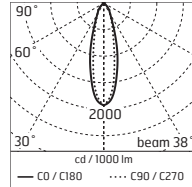
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-CE/G12
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2 TC-DEL/G24q-3 TC-TEL/GX24q-4
	
	FLUORESCENT VERSION: Class A/B TC-D/G24d-3
	
	HALOGEN VERSION: Class B QR-CBC51/GU5,3
	
	HALOGEN VERSION: Class D QRPARCBC51/GZ10 QT32/E27
	



MiniVanna

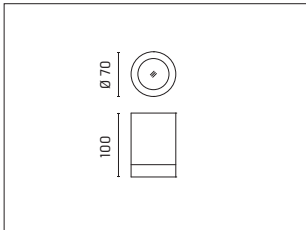


612800
 QPAR 16 35W/230V GZ10

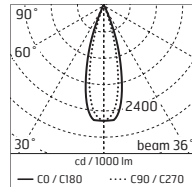


m	lux	
	Max	Med
1.00	395	228
2.00	99	57
3.00	44	25
4.00	25	14
5.00	16	9

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



613300
 QR CBC 51 35W/12V GU5.3
 Remote transformer to be ordered



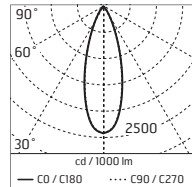
m	lux	
	Max	Med
1.00	1831	1189
2.00	458	297
3.00	203	132
4.00	114	74
5.00	73	48

$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$

MiniVanna CoB LED / Medium Beam 30°

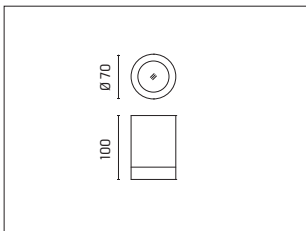


6112700
 COOL WHITE 6000K
 CoB LED
 4W/220÷230V
 Total power 5W
 LED lm 380 ≠ FIXT lm 273
 CRI>70
 Led module set up to work directly connected to the mains



m	lux	
	Max	Med
1.00	646	390
2.00	162	97
3.00	72	43
4.00	40	24
5.00	26	16

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$



6127900
 NATURAL WHITE 4000K
 CoB LED
 4W/220÷230V
 Total power 5W
 LED lm 370 ≠ FIXT lm 266
 CRI>80
 Led module set up to work directly connected to the mains



m	lux	
	Max	Med
1.00	646	390
2.00	162	97
3.00	72	43
4.00	40	24
5.00	26	16

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

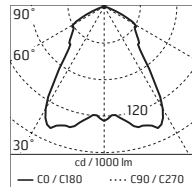
6112800
 WARM WHITE 3000K
 CoB LED
 4W/220÷230V
 Total power 5W
 LED lm 350 ≠ FIXT lm 252
 CRI>80
 Led module set up to work directly connected to the mains



Vanna

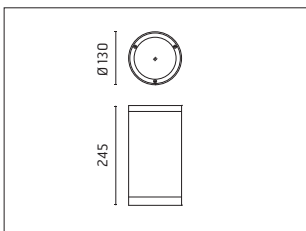


190100
 QT 32 100W E27

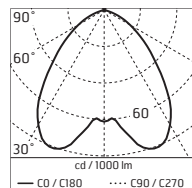


m	lux	
	Max	Med
1.00	170	98
2.00	42	25
3.00	19	11
4.00	11	6
5.00	7	4

$\alpha = 38.0^\circ + 38.0^\circ$ $\beta = 38.0^\circ + 38.0^\circ$



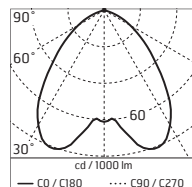
195900
 TC-DEL 18W G24q-2
 Electronic ballast



m	lux	
	Max	Med
1.00	93	43
2.00	23	11
3.00	10	5
4.00	6	3
5.00	4	2

$\alpha = 45.0^\circ + 45.0^\circ$ $\beta = 45.0^\circ + 45.0^\circ$

190900
 TC-D 26W G24d-3



m	lux	
	Max	Med
1.00	139	64
2.00	35	16
3.00	15	7
4.00	9	4
5.00	6	3

$\alpha = 45.0^\circ + 45.0^\circ$ $\beta = 45.0^\circ + 45.0^\circ$

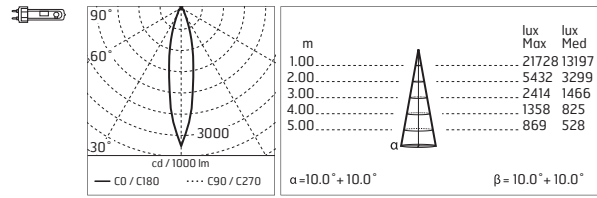
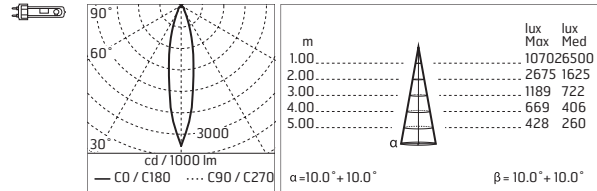
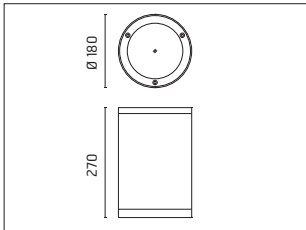


MaxiVanna / Medium Beam 20°



203512
HIT-CE 35W G12

207112
HIT-CE 70W G12

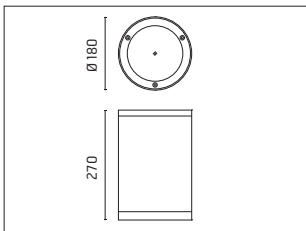


MaxiVanna



200100
QT 32 150W E27

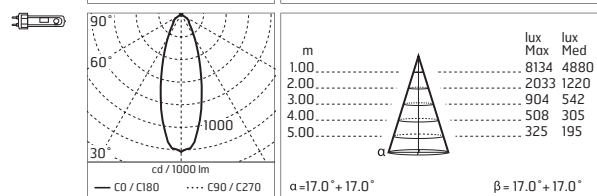
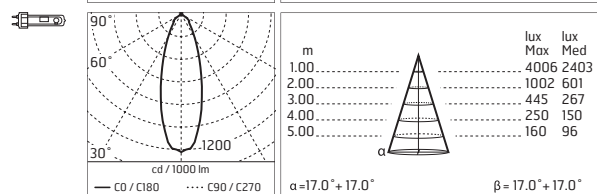
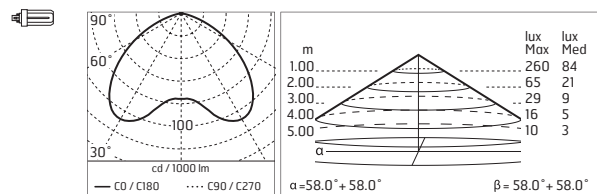
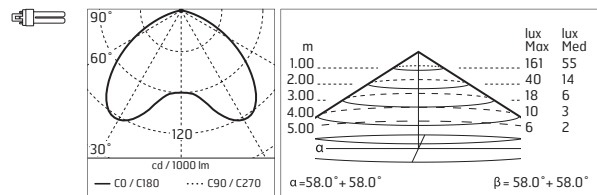
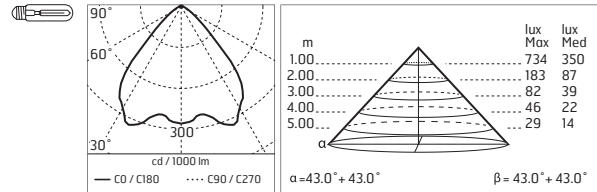
206200
TC-DEL 26W GX24q-3
Electronic ballast



202100
TC-TEL 42W GX24q-4
Electronic ballast

203500
HIT-CE 35W G12

207100
HIT-CE 70W G12

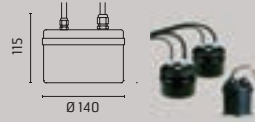


Accessories: Vanna - Vanna LED

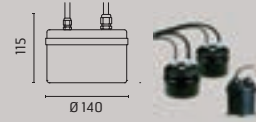
16

TRANSFORMER 50W
230V/12V 50Hz IP 66

17

TRANSFORMER 200W
230V/12V 50Hz IP 66

18

TRANSFORMER 300W
230V/12V 50Hz IP 66

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66

Accessories chart

acc. code ▶	16	17	18	237
prod. code ▼				
MiniVanna				
612800				
613300	•	•	•	
6112700				•
6112800				•
6127900				•
Vanna				
190100				
190900				
195900				
MaxiVanna				
200100				
202100				
203500				
203512				
206200				
207100				
207112				





Silvana



Silvana

Silvana LED

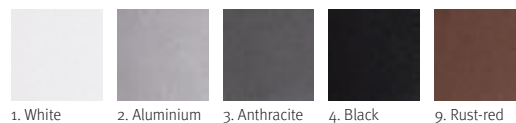
Design by Ares Concept

IP65

- Outdoor luminaire for installation on ceiling.
- Configuration: die-cast aluminium fixing base and frames, EN AB47100 alloy (low copper content). Extruded aluminium body.
- Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Tempered transparent glass and silicone gasket
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation:
 - MiniSilvana: wiring through a rubber cable/holder (5\times10mm)
 - Silvana: wiring through an M16x1,5 cable gland (4,5\times10mm)
- Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland holder.

EU Regulation 874/2012 - Illumination equipment energy classes

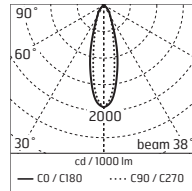
	LED VERSION: Class A+/A++ Luminaire supplied with integrated LED modules which cannot be replaced
	METAL HALIDE VERSION: Class A+ HIT-CE/G12
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2 TC-TEL/GX24q-3 TC-TEL/GX24q-4
	HALOGEN VERSION: Class B QR-CBC51/GU5,3
	HALOGEN VERSION: Class D QRPARCBC51/GZ10



MiniSilvana

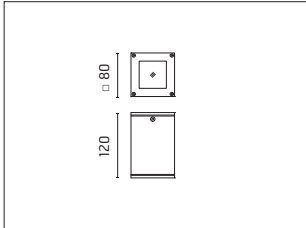


362800
QPAR 16 35W/230V GZ10

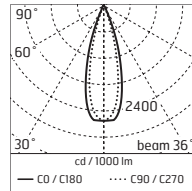


m	lux	
	Max	Med
1.00	395	228
2.00	99	57
3.00	44	25
4.00	25	14
5.00	16	9

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



363300
QR CBC 51 35W/12V GU5.3
Remote transformer to be ordered



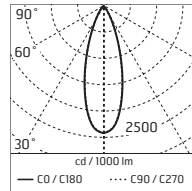
m	lux	
	Max	Med
1.00	1831	1189
2.00	458	297
3.00	203	132
4.00	114	74
5.00	73	48

$\alpha = 13.0^\circ + 13.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$

MiniSilvana CoB LED / Medium Beam 30°

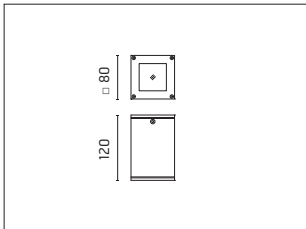


3612700
COOL WHITE 6000K
CoB LED
4W/220÷230V
Total power 5W
LED lm 380 ≠ FIXT lm 273
CRI>70
Led module set up to work directly connected to the mains

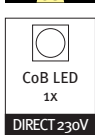


m	lux	
	Max	Med
1.00	646	390
2.00	162	97
3.00	72	43
4.00	40	24
5.00	26	16

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$



3627900
NATURAL WHITE 4000K
CoB LED
4W/220÷230V
Total power 5W
LED lm 370 ≠ FIXT lm 266
CRI>80
Led module set up to work directly connected to the mains



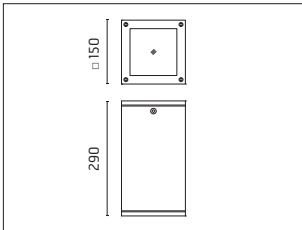
3612800
WARM WHITE 3000K
CoB LED
4W/220÷230V
Total power 5W
LED lm 350 ≠ FIXT lm 252
CRI>80
Led module set up to work directly connected to the mains



Silvana



360100
QT 32 150W E27

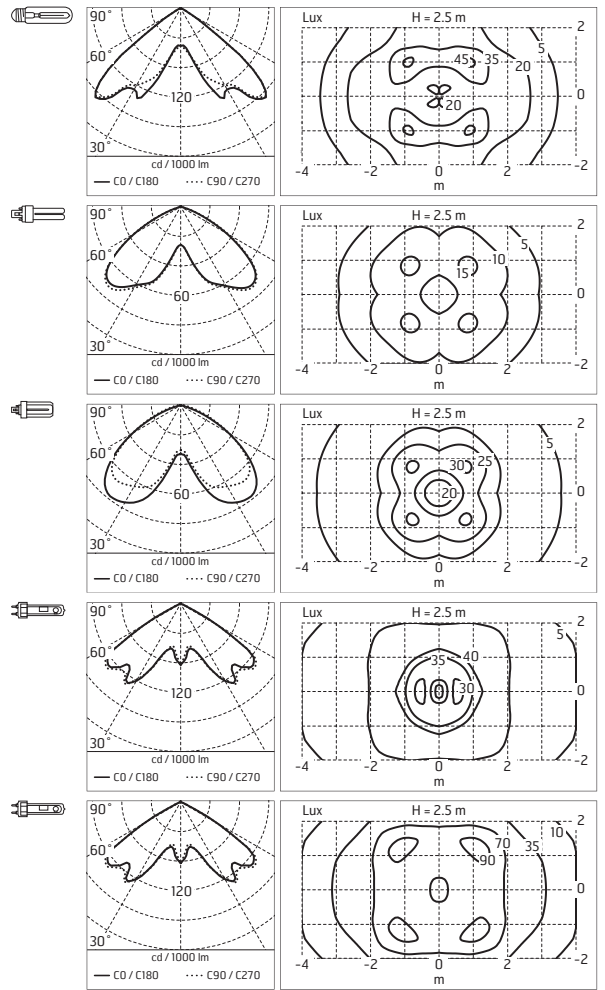


366100
TC-DEL 26W GX24q-3
Electronic ballast

362100
TC-TEL 42W GX24 q-4
Electronic ballast

363500
HIT-CE 35W G12

367100
HIT-CE 70W G12

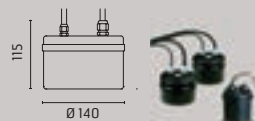


Accessories: Silvana - Silvana LED

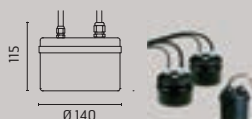
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



17
TRANSFORMER 200W
230V/12V 50Hz IP 66



18
TRANSFORMER 300W
230V/12V 50Hz IP 66



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 10A
SUITABLE FOR SERIES CONNECTION - IP66



Accessories chart

acc. code	▶ 16	17	18	237
prod. code	▼			
MiniSilvana				
362800				
363300	•	•	•	
3612700				•
3612800				•
3627900				•
Silvana				
360100				
362100				
363500				
366100				
367100				



HOW TO READ THE CATALOGUE



IP AND CLASS

TECHNICAL DESCRIPTION

ENERGY EFFICIENCY CLASS



COLOURS AVAILABLE

QUICK OUTLINE OF THE PRODUCT:
GENERAL FEATURES AND INSTALLATION

LUMINAIRE DESCRIPTION AND PICTURE

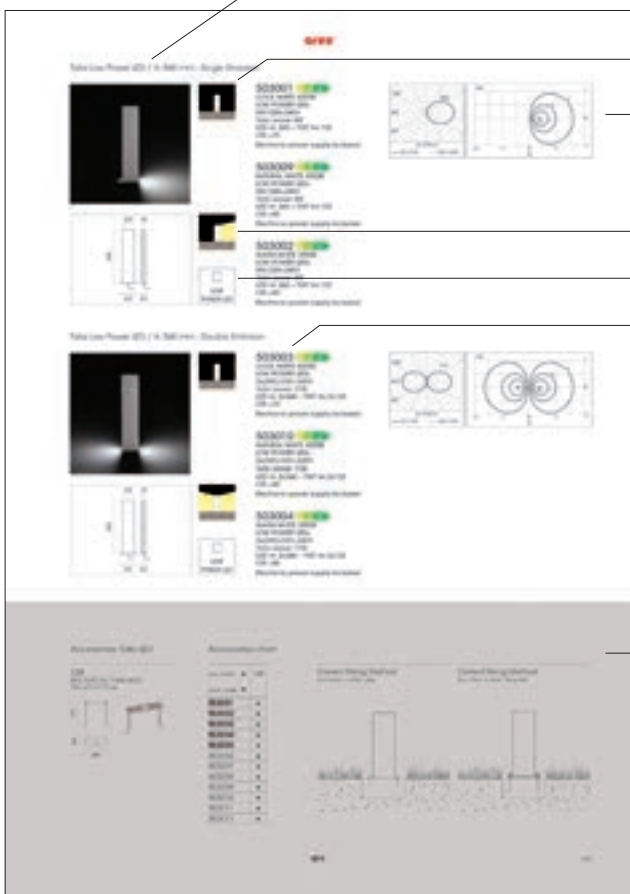
USE AND INSTALLATION

LIGHT DISTRIBUTION

LIGHT EMISSION

LED SPECIFICATION

REF.CODE, ENERGY CLASS AND DESCRIPTION



Total Power:
Total power
consumption

LED Lumen:
LED module
nominal flux

503003 A++
COOL WHITE 6000K
LOW POWER LEDs
2x(5W)/220-240V
Total power 11W
LED lm 2x360 x FOXT lm 2x123
CRI >70
Electronic power supply included

Wattage:
2[number of LED modules]
x(5W) [wattage of each module]

Fixture Lumen Output:
Measured light emission
(photometry)

-ACCESSOIRES AVAILABLE
-LUMINAIRE - ACCESSORY COMPATIBILITY CHART
-LUMINAIRE INSTALLATION DRAWING

IP DEGREE OF PROTECTION

First Digit IP - Protection Against Solid Bodies

- 0 Non protected.
- 1 A large surface of the body, such as a hand (but no protection against deliberate access)
Solid objects exceeding 50mm in diameter.
- 2 Finger or similar objects not exceeding 80 mm in length.
Solid objects exceeding 12 mm in diameter.
- 3 Tools, wires, etc. of diameter thickness greater than 2,5mm.
Solid objects exceeding 2,5mm in diameter.
- 4 Wires or strips of thickness greater than 1,0 mm.
Solid objects exceeding 1,0 mm diameter.
- 5 Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment.
- 6 No ingress of dust.

Second Digit IP - Protection Against Water

- 0 Non protected.
- 1 Dripping water (vertically falling drops) shall have no harmful effect.
- 2 Vertically dripping water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from its normal position.
- 3 Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect.
- 4 Water splashed against the enclosure from any direction shall have no harmful effect.
- 5 Water projected by a nozzle against the enclosure from any direction shall have no harmful effect.
- 6 Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.
- 7 Ingress of water in a harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time.
- 8 The equipment is suitable for continuous submersion in water under conditions which shall be specified by the manufacturer.

SYMBOLS



Static load: Resistance to static load.
In compliance with CEI EN 60598-2-13 standards.
Drive over Resistance to torque and shear loads.
In compliance with CEI EN 60598-2-13 standards.



Diffuser temperature according to CEI EN 60598-2-13
Check that diffuser's temperature "T max °C"
(tested at 25°C) complies with your local regulation.

Glass surface temperature <70°C for LED source



Advice on installation of recessed luminaires:
It is important to provide a consistent gravel layer or
drain system to ensure good drainage and to avoid water
stagnation. The luminaire must not be installed in hollow
surfaces.



Electric connection:
Wiring through cable input, through two cable inputs
or through a feeding transformer installed on remote
position (to be ordered separately).
Luminaire is equipped with 1 or 2 cable input.
Luminaire is equipped with cable and plug.



Glow wire test IEC 60695-2-10: the glow wire test
is used to simulate the effect of heat as may arise
in malfunctioning electrical equipment, such as
with overloaded or allowing components (specified
temperature).



Full cut-off luminaire (no light pollution)



Protection against water ingress from the cable



Surface installation on wall, on ground or on ceiling.
Installation on pole.
In-ground installation (recessed luminaire)
Suspended fitting.



Resistance to external mechanical impacts:
IK code refers to the maximum external impact the
luminaire is capable to withstand, without irreversible
damage. In compliance with EN50102 standards.

IK code	Impact Energy (Joule)	Mass/Height
IK00	0,00	----
IK01	0,15	0,2Kg/70mm
IK02	0,20	0,2Kg/100mm
IK03	0,35	0,2Kg/175mm
IK04	0,50	0,2Kg/250mm
IK05	0,70	0,2Kg/350mm
IK06	1,00	0,5Kg/200mm
IK07	2,00	0,5Kg/400mm
IK08	5,00	1,7Kg/295mm
IK09	10,00	5,0Kg/200mm
IK10	20,00	5,0Kg/400mm



Class I
Light fixture with earth connector
or terminal



Class II
Light fixture with double insulation or
reinforced insulation



Class III
Protection is assured by the presence
of a safety extra low voltage (SELV)
not exceeding 50V



F mark
Suitable for installation on normally
flammable surface



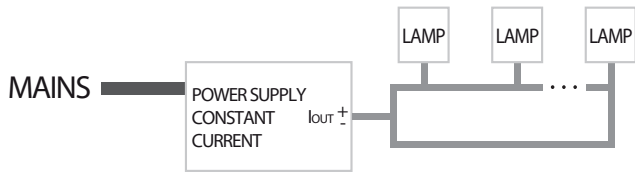
CE Mark
Compliance with all applicable
EC directives



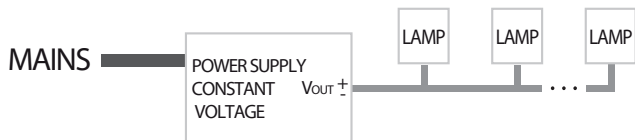
Dimmable

TECNICAL SCHEMES

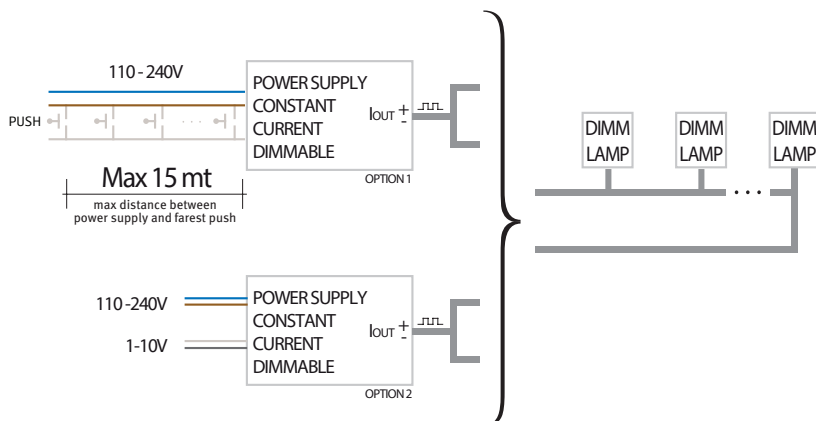
Wiring Diagram and sample series installation **n.1**



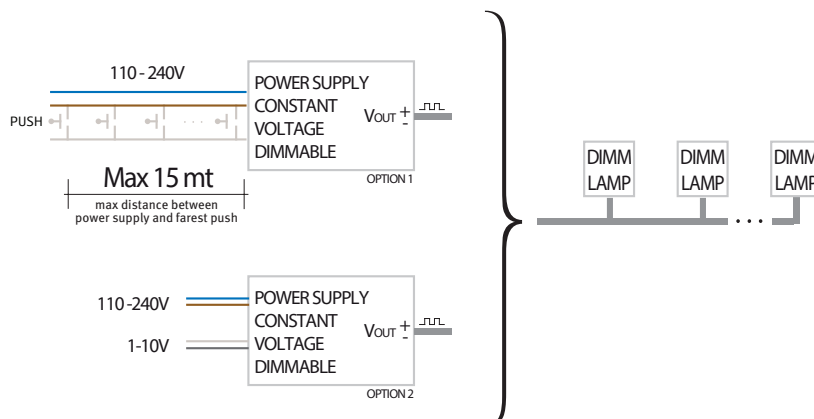
Wiring Diagram and sample parallel installation **n.2**



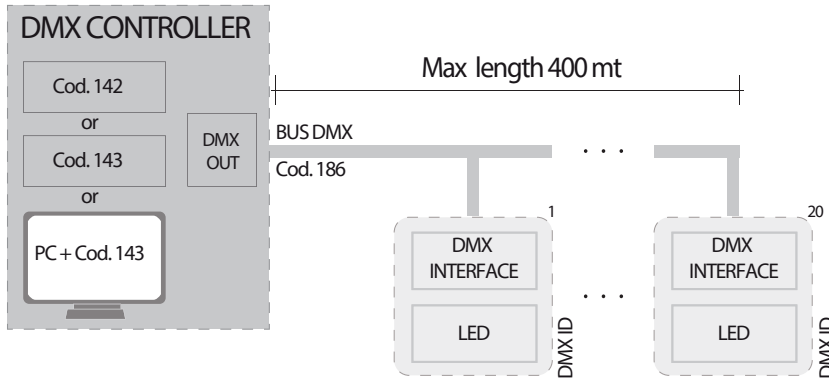
Wiring Diagram and sample dimmable series installation **n.3**



Wiring Diagram and sample dimmable parallel installation **n.4**



Basic DMX Wiring Scheme



A DMX system can include an unlimited number of fixtures on condition that the following rules are respected:

- Use suitable cables for DMX bus: shielded twisted pair with 110 Ohm constant impedance (e.g. Cod.186). The use of different cables doesn't assure the same performance.

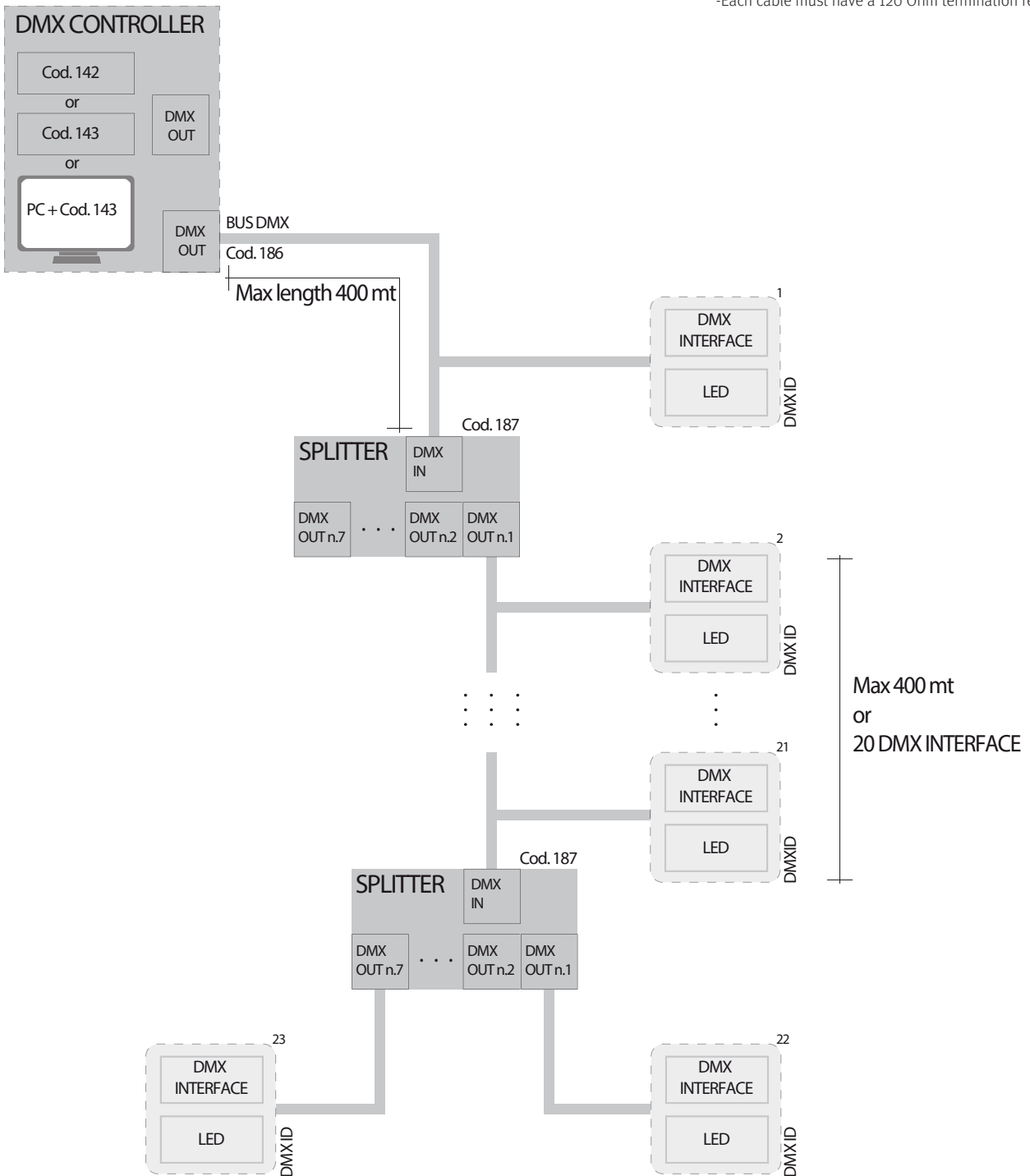
- Every 400mt of cable the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.

- Every 20 fixtures the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.

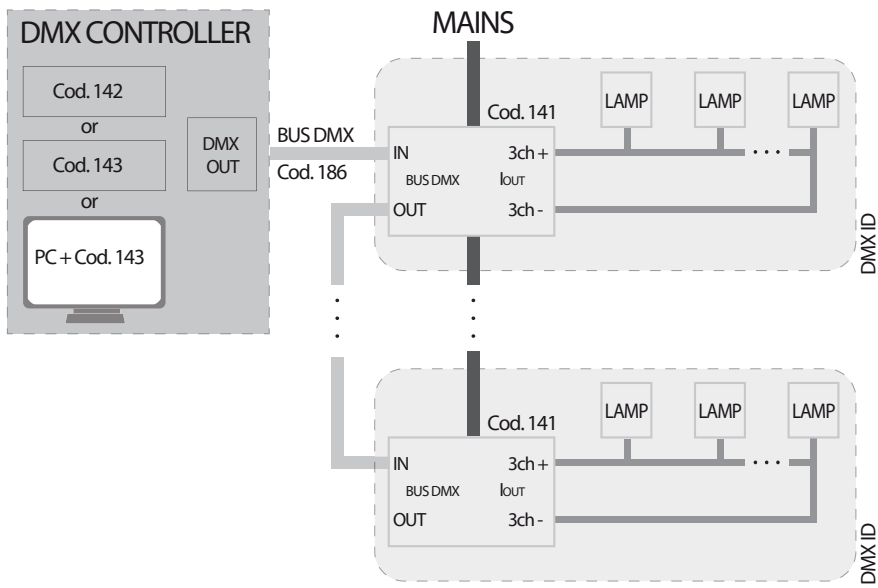
- All fixtures have to be connected in series to the DMX bus. No star connection allowed. It has to be taken into account that the use of a splitter can solve the problem having one bus input and more bus output.

- Each cable must have a 120 Ohm termination resistor.

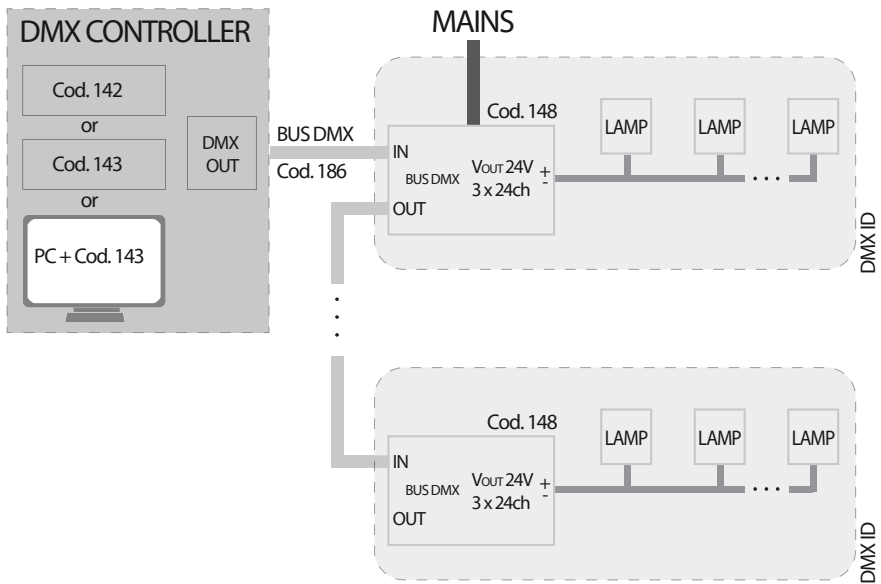
Extended DMX Wiring Pattern



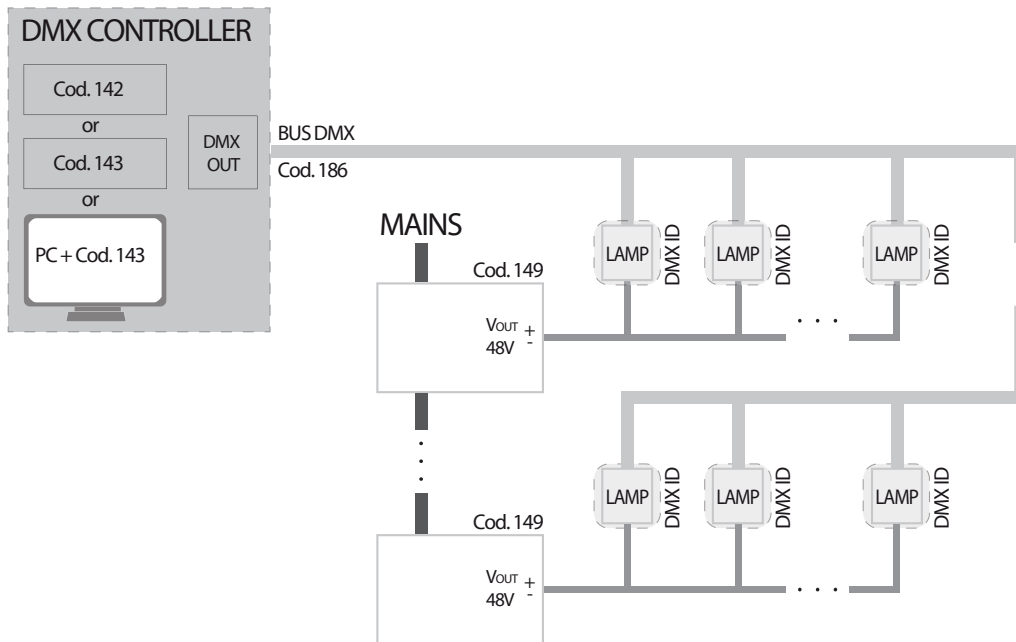
Wiring Diagram and sample installation **n.5**



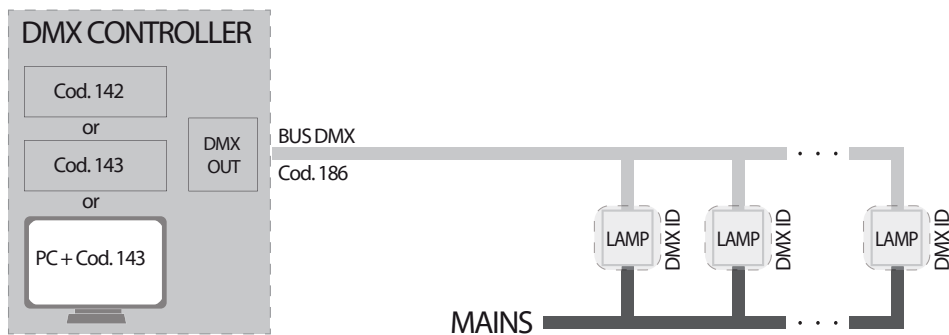
Wiring Diagram and sample installation **n.6**



Wiring Diagram and sample installation n.7



Wiring Diagram and sample installation n.8



ATTENTION:

Wiring of LED luminaires run in constant current and connected in series (schemes 1,3 and 5): Never connect the luminaire to a switched on power supply. Always connect luminaires to the power supply, and only after connect the power supply to the mains.

ATTENTION:

Connection schemes: Luminaires in constant current must always be connected in series; luminaires in constant tension must always be connected in parallel. Always respect polarity according to the DC system.

ATTENTION:

Power Supplies must always match installation features: Never use a constant current power supply on a constant tension luminaire and vice versa.

ATTENTION:

The choice of the power supply must take into account the real power consumption of the luminaire (data shown in the catalogue) with a 20% increase to face any potential loss on the installation.

LED Luminaires and power supplies are protected against interferences on the line, it is anyway highly recommended to set dedicated feeding lines to avoid any potential sudden and severe interference (inductive loads like pumps or discharge lamps) that are likely to damage the LED module.

INDEX ORDER BY CODE

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18	147	165	358	1612	280	100176119	74
20	156	166	358	2305	599	10017612	72
21	257	167	365	2310	599	100176120	75
26	169	168	365	2905	581	100176124	83
28	169	169	129	2910	581	100176133	82
38	223	170	139	4140	318	10017640	73
39	223	172	461	4145	318	10017641	83
42	147	173	461	4150	318	10017700	75
50	151	174	461	4155	318	100177118	73
57	169	175	68	12325	481	100177119	74
58	161	176	68	12355	481	10017712	72
59	203	177	352	12390	481	100177120	75
60	203	178	352	12425	494	100177124	83
68	117	179	356	12455	494	100177133	82
71	109	180	356	12490	494	10017740	73
72	109	181	365	012815	155	10017741	83
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74	99	183	68	012856	155	100178121	81
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78	364	186	68	013356	155	100178125	86
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81	109	189	49	032856	154	10017840	77
82	109	190	49	033315	154	10017841	83
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84	223	192	57	033356	154	100179121	81
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87	68	194	57	0735129	165	100179123	79
88	358	195	57	073513	164	100179125	86
89	364	196	219	073514	164	100179132	84
90	364	197	219	073515	165	10017927	80
91	98	198	219	0771129	165	10017940	77
93	364	199	219	077113	164	10017941	85
94	364	200	238	077114	164	10018012	76
95	364	201	333	077115	165	100180121	81
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98	88	205	327	0915130	167	100180123	79
99	88	206	327	091515	167	100180125	86
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102	88	208	327	091914	166	10018027	80
104	143	209	327	092913	166	10018040	77
105	183	210	327	092914	166	10018041	85
106	88	211	327	0971129	167	1005612	76
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109	275	214	608	10016300	74	10056123	79
110	57	215	49	100163118	73	10056125	86
112	364	216	245	100163119	74	10056132	84
113	364	218	400	10016312	72	1005627	80
114	364	219	57	100163120	75	1005640	77
115	364	220	57	100163124	83	1005641	85
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122	117	223	359	10016341	82	10073122	78
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140	429	234	169	100174121	81	10088120	75
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142	68	236	49	100174123	79	10088133	82
143	68	237	14	100174125	86	1008840	72
144	68	1005	371	100174132	84	1008841	82
145	481	1009	371	10017427	80	1008900	74
147	57	1105	371	10017440	77	10089118	73
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103100135	232	10525500	399	11414435	114	118272152	524
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10335135	230	10723153	571	11520211	187	121265114	388
1033523	230	10723245	572	11520311	187	12311543	465
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1036323	230	1079152	572	11520610	189	12311650	466
1037107	233	1079245	572	11520710	189	12311851	467
10371135	230	1079252	572	11520810	189	12311951	467
1037123	230	10812992	248	116172113	512	12312153	467
1039112	228	10812993	248	11617212	511	12312253	467
10391134	229	10812994	248	11617221	511	12316146	473
1039123	228	10812995	249	11617242	512	12316146	478
1039212	228	10813092	248	1162821	511	12316147	475
10392134	229	10813093	248	1162842	512	12316147	479
1039223	228	10813094	248	1163321	511	12316148	477
10410300	274	10813095	249	1163342	512	12316148	480
10410400	274	10813234	251	11656113	512	123162116	478
10419700	274	10813296	250	1165612	511	123162117	480
1046600	274	10813297	250	1165621	511	123162136	479
10510600	397	10813298	250	1165642	512	12316243	472
10510612	396	10813299	251	11673113	512	12316244	474
10510700	397	10813334	251	1167312	511	12316245	476
10510712	396	10813396	250	1167321	511	12316246	473
10514400	394	10813397	250	1167342	512	12316246	478
10514412	394	10813398	250	1170121	515	12316247	475
10517100	394	10813399	251	1170242	517	12316247	479
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Ladina	20		
Lambda	262		
Laura	298		
Leila	204		
Leo	462		
Luca	536		
Marco	568		

WARRANTY

ARES warrants to the Buyer the satisfactory operation of its products for the period of two years from date of Purchaser's purchase (the invoice date).

Within the warranty period any defects with ARES products as a result of faulty materials or workmanship will be rectified free of charge. ARES reserves the right to rectify the fault by repair, exchange or replacement.

The warranty does not cover and the manufacturer will not be liable for:

- Parts and materials subject to continuous wear;
- Problems resulting from external causes such as accident, abuse, misuse, mishandling, negligence, fire, theft, vandalism, riot, explosion, natural disaster, or other external causes unrelated to product defect;
- Conditions demonstrating faulty installation, misapplication, extreme environmental conditions beyond those defined in the product specification, under/over voltage situations, lack of compliance with applicable instructions, improper or inadequate handling, shipping, maintenance, negligence, accident, or tampering;
- Incompatibility, improper design, manufacture, installation, operation or maintenance of products not supplied by Manufacturer;
- Situations in which manufacturer's control gears fixtures and or any parts are replaced with those from other manufacturers;
- The quality of the installation on Manufacturer products by the installer of those products. For example, the above warranties would not cover problems resulting from such an installer's installation methods.
- Small defects having a negligible effect in value or operation.

The warranty does not apply to any other claims (for instance additional cost incurred by the customer) unless agreed and accepted by the manufacturer in writing.



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