

CATALOGUE 2017

ENGLISH

Alfa, Alfia, Alice, Andrea, Anna, Ara, Arcadia, Bea, Beta, Camilla, Cassiopea, Chiara, Cielo, Clio, Delta, Dooku, Eclipse, Emma, Epsilon, Franco, Gamma, Giulia, Hyperion, Idra, Iota, Jackie, K12, Kamino, Kirk, Klein, LaDina, Leila, Leo, Marco, Martina, Martina Aqua, Melrie, Memi, Midna, Naboo, New Torcia, Pan, Paola, Pat, Perseo, Petra, Pi, Rho, Sam, Sandro, Sigma, Silvia, Spock, Talia, Tapioca, Tau, Trixie, Vincenza, Viviana, Yama, Zefiro, Zeta.

ares

THE OUTDOOR BY FLOS

MADE IN ITALY



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.



LIGHTING DESIGN OFFICE

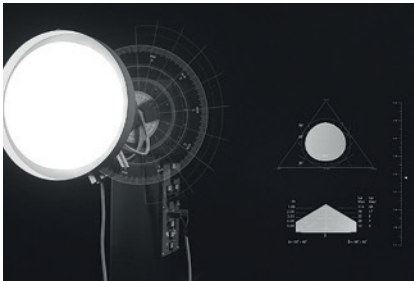
Light is an essential tool in the Architectural language. Our Lighting Design projects are the results of a careful analysis of the spaces, along with the attention to the customer's need; in order to offer comfort, safety and efficiency.



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

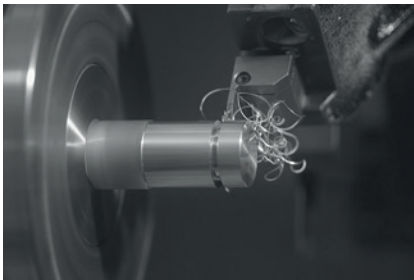
In our laboratory we test lighting fixtures safety and performances, to refine both technical and quality characteristics of all our products.



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 a 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, awarranty 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

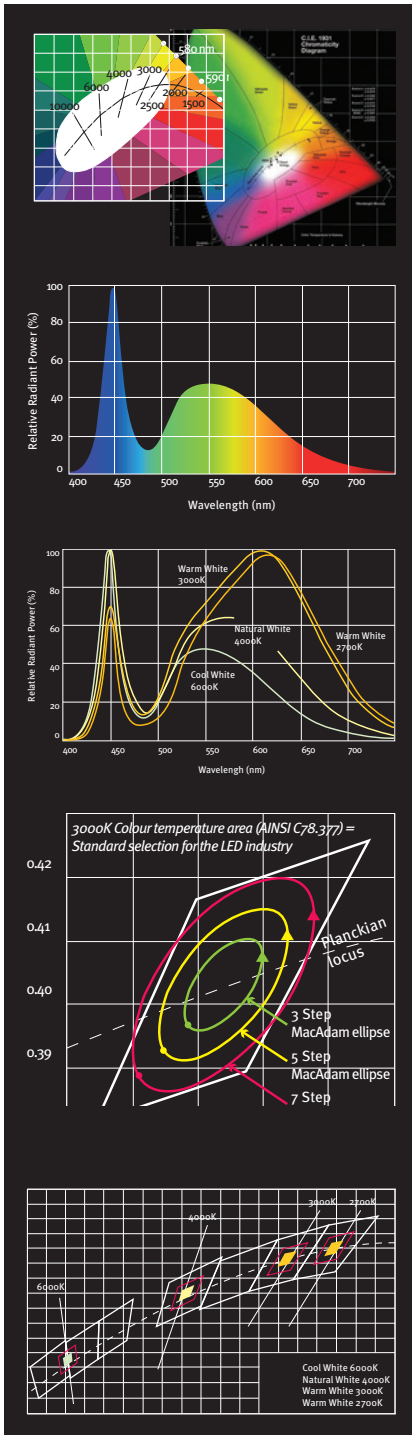
Electrical and Mechanical assembly lines follow procedures and operating instructions to assemble luminaires. A trained and specialized staff is in charge for the tests of quality of the products that have to be in compliance with regulation in force. Particular attention is given to the electrical safety 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.

is very similar to the BlackBody. 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.

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

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.

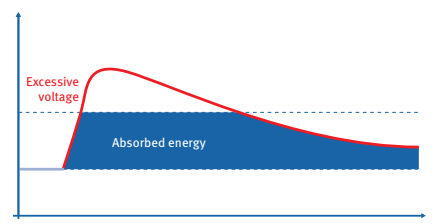
These problems may arise from:

- 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

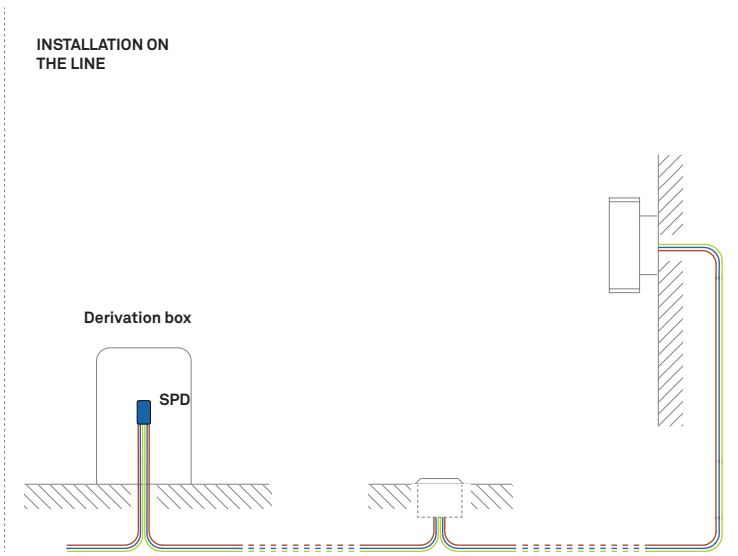
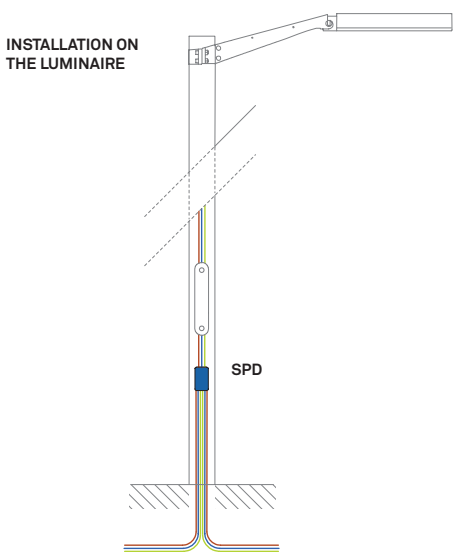
accumulation of electrostatic charges on the equipment. ARES offers an SPD (Surge Protector Device) which can be connected near the appliances requiring protection or above the derivation box.



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.

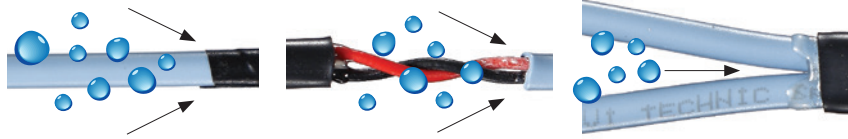


| | |
|--|------|
| Operating Ac Voltage | 275V |
| Maximun Discharge Current 8/20µs Waveform (Imax) | 10KA |
| Maximun Operating Current | 5A |
| IP Protection | 66 |



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



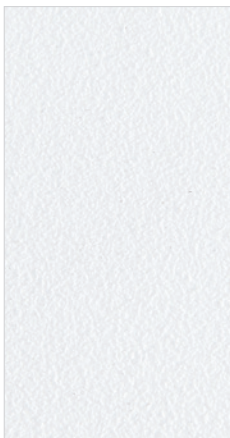
An inaccurate installation of the luminaire with ineffective connection (insulating tape, self-amalgamating tape or sheath inaccurately used) may lead to water passage along the cable and consequently water ingress in the fitting.

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 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.

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



.1 White



.6 Grey



.3 Anthracite



.4 Black



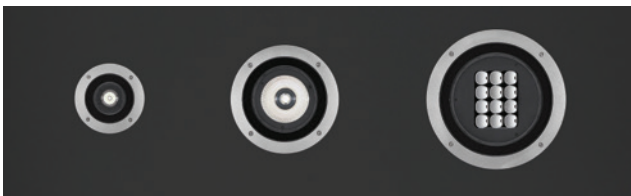
.18 Deep Brown

DECORATIVE

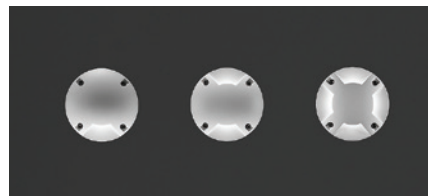


LADINA 20

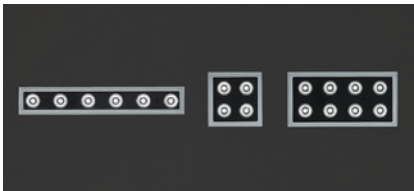
GROUND RECESSED



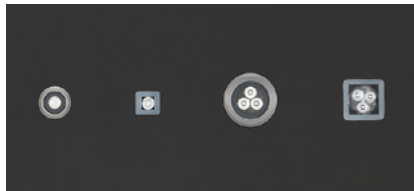
NABOO 26



KAMINO 38



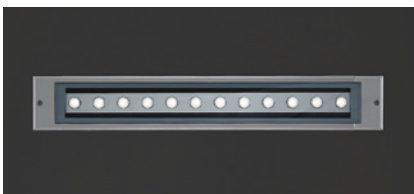
K12 46



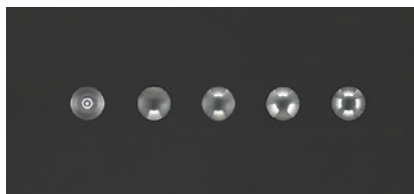
TAPIOCA 56



CASSIOPEA 70



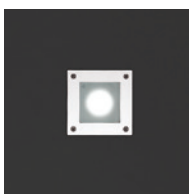
CIELO 78



RHO 88



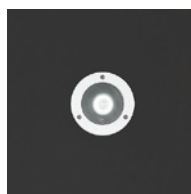
SIGMA 98



BEA 108



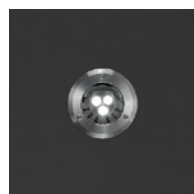
CHIARA 112



CLIO 118



PETRA 124



IDRA 128

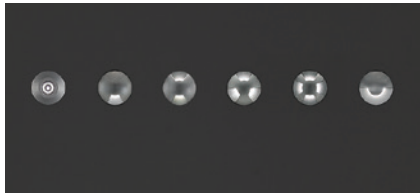
WALL RECESSED



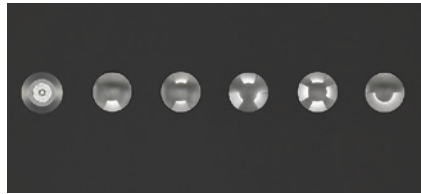
K12 46



TAPIOCA 56



RHO 88



SIGMA 98



CHIARA 112



TRIXIE 136



CAMILLA 140

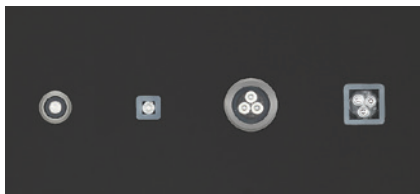


ALICE 146

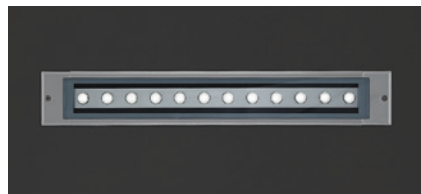


ALFIA 152

CEILING RECESSED



TAPIOCA 56



CIELO 78



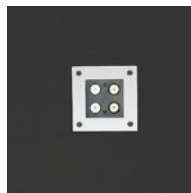
RHO 88



SIGMA 98

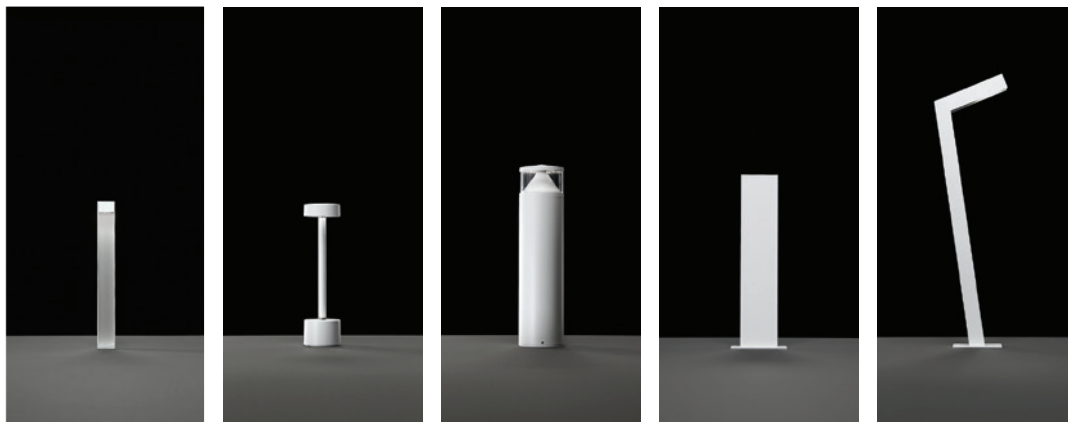


LEILA 158



ARA 174

BOLLARD



KLEIN 182

VINCENZA 186

ZEFIRO 194

TALIA 198

SANDRO 204



VIVIANA 208

NEW TORCIA 212

SILVIA 218

PAN 346

HYPERION 354

LEO 384

POLE TOP



DOOKU 234

PERSEO 272

FRANCO 294

ANDREA 316

PROJECTOR



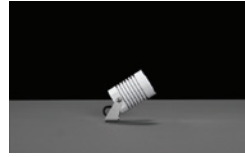
DOOKU 234



SPOCK 254



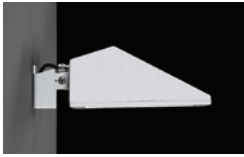
KIRK 248



IOTA 262



PERSEO 272



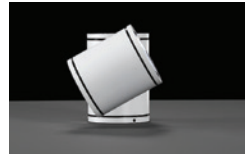
FRANCO 294



MARTINA 324



PI 340



PAN 346

UNDERWATER



MARTINA AQUA 334

WALL/CEILING



ANNA 12



GIULIA 358



ARCADIA 362



TAU 378



ALFA 460



BETA 464



PAT 486



SAM 492



PAOLA 496

WALL



ZEFIRO 194



NEW TORCIA 212



ECLIPSE 350



HYPERION 354



LEO 384



MIDNA 416



MELRIE 420



EMMA 426



EPSILON 444



ZETA 450



DELTA 454



GAMMA 468



MARCO 472



JACKIE 478



MEMI 482

CEILING



YAMA 504



- Outdoor / Indoor round luminaire for installation on ceiling or wall – surface mounted.
- Configuration: opal plastic diffuser with satin finish for a high light emission uniformity ratio. Die-cast aluminium fixing back-plate and turned aluminium structure and heat sink. Magnetic finish frame to hide the fixing screws. The luminaire is coated with polyester powders in single or double colour.
- 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$\times\varnothing$<math><10\text{mm}</math> (Anna $\varnothing 210$ and $\varnothing 310$) or cables 6$\times\varnothing$<math><13\text{mm}</math> (Anna $\varnothing 410$) and a quick-connect 2-pole terminal block. Outdoor installation requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



Ceiling fitting



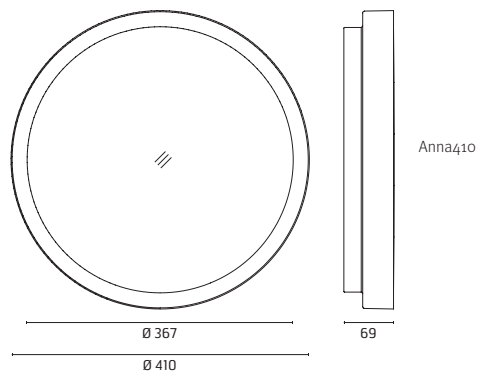
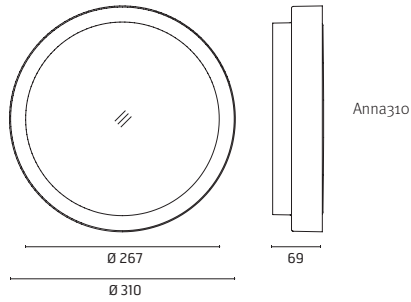
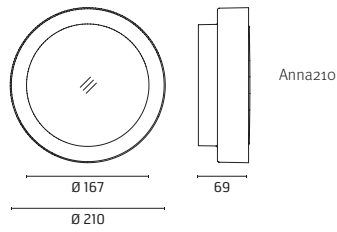
Wall fitting



The fitting is equipped with 2 cable input.



Protection against impact.
IK 08- 5,00 joule



Accessories: Anna

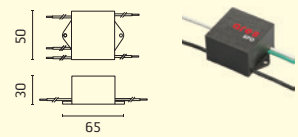
| acc. code ▶ | 237 |
|--------------|-----|
| prod. code ▼ | |
| 533001 | ● |
| 533002 | ● |
| 533003 | ● |
| 533004 | ● |
| 533005 | ● |
| 533006 | ● |
| 533007 | ● |
| 533008 | ● |

| acc. code ▶ | 237 |
|--------------|-----|
| prod. code ▼ | |
| 533009 | ● |
| 533010 | ● |
| 533011 | ● |
| 533012 | ● |
| 533013 | ● |
| 533014 | ● |
| 533015 | ● |
| 533016 | ● |

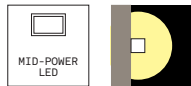
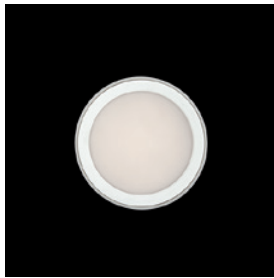
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| prod. code ▼ | |
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| 533018 | ● |
| 533019 | ● |
| 533020 | ● |
| 533021 | ● |
| 533022 | ● |
| 533023 | ● |
| 533024 | ● |

| acc. code ▶ | 237 |
|--------------|-----|
| prod. code ▼ | |
| 533025 | ● |
| 533026 | ● |
| 533028 | ● |
| 533029 | ● |
| 533030 | ● |

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



Anna210 Mid-Power LED



533001 A A+ A++

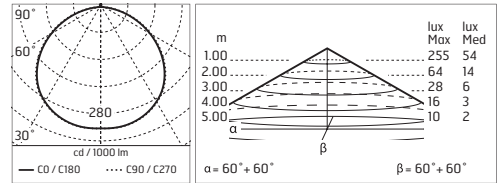
NATURAL WHITE 4000K
MID-POWER LEDs
10W/220÷240V
Total power 11W
Lm LED 1325 ≈ Lm OUTPUT 802
CRI>80

Integral electronic power supply

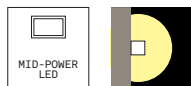
533002 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
10W/220÷240V
Total power 11W
Lm LED 1261 ≈ Lm OUTPUT 765
CRI>80

Integral electronic power supply



Anna310 Mid-Power LED



533011 A A+ A++

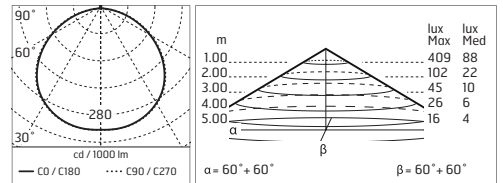
NATURAL WHITE 4000K
MID-POWER LEDs
15W/220÷240V
Total power 18W
Lm LED 2153 ≈ Lm OUTPUT 1258
CRI>80

Integral electronic power supply
... Dimmable on request

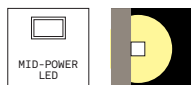
533012 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
15W/220÷240V
Total power 18W
Lm LED 2049 ≈ Lm OUTPUT 1200
CRI>80

Integral electronic power supply
... Dimmable on request



Anna410 Mid-Power LED



533021 A A+ A++

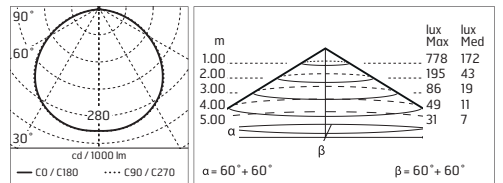
NATURAL WHITE 4000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4318 ≈ Lm OUTPUT 2340
CRI>80

Integral electronic power supply
... Dimmable on request

533022 A A+ A++

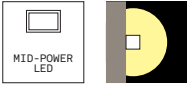
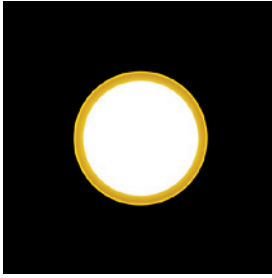
WARM WHITE 3000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4109 ≈ Lm OUTPUT 2232
CRI>80

Integral electronic power supply
... Dimmable on request

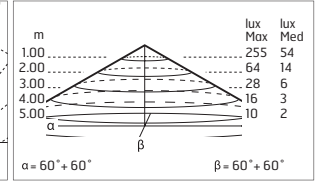
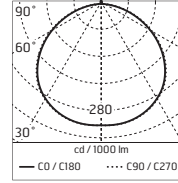




Anna210 Mid-Power LED / Bicolour Structure White-Yellow

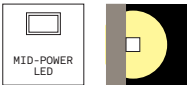
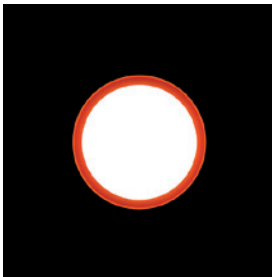


533003 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1325 ≠ Lm OUTPUT 802
 CRI>80
 Integral electronic power supply

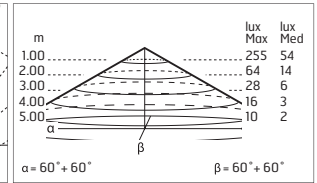
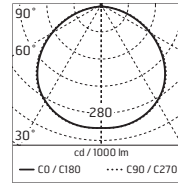


533007 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1261 ≠ Lm OUTPUT 765
 CRI>80
 Integral electronic power supply

Anna210 Mid-Power LED / Bicolour Structure White-Orange

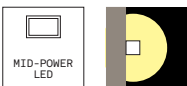
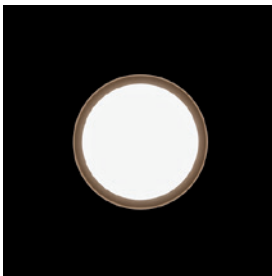


533004 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1325 ≠ Lm OUTPUT 802
 CRI>80
 Integral electronic power supply

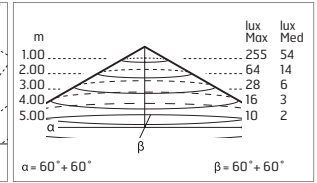
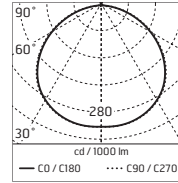


533008 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1261 ≠ Lm OUTPUT 765
 CRI>80
 Integral electronic power supply

Anna210 Mid-Power LED / Bicolour Structure White-Brown

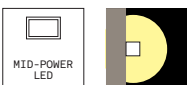


533005 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1325 ≠ Lm OUTPUT 802
 CRI>80
 Integral electronic power supply

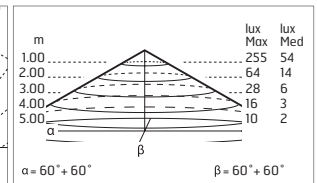
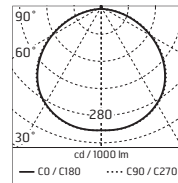


533009 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1261 ≠ Lm OUTPUT 765
 CRI>80
 Integral electronic power supply

Anna210 Mid-Power LED / Bicolour Structure White-Green

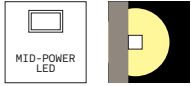
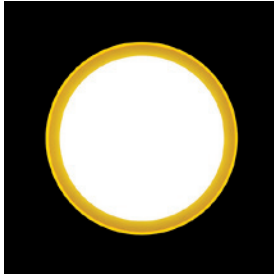


533006 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1325 ≠ Lm OUTPUT 802
 CRI>80
 Integral electronic power supply



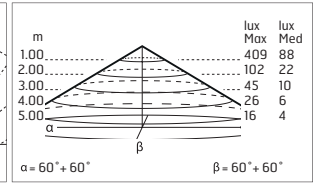
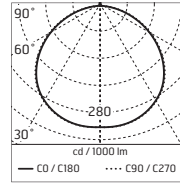
533010 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 10W/220÷240V
 Total power 11W
 Lm LED 1261 ≠ Lm OUTPUT 765
 CRI>80
 Integral electronic power supply

Anna310 Mid-Power LED / Bicolour Structure White-Yellow

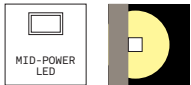
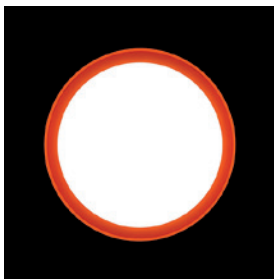


533013 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1325 ≠ Lm OUTPUT 1258
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

533017 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1261 ≠ Lm OUTPUT 1200
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

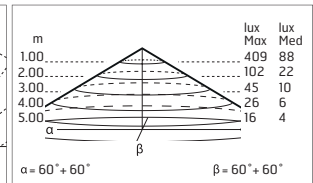
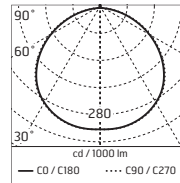


Anna310 Mid-Power LED / Bicolour Structure White-Orange

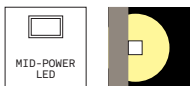
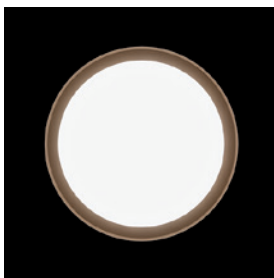


533014 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1325 ≠ Lm OUTPUT 1258
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

533018 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1261 ≠ Lm OUTPUT 1200
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

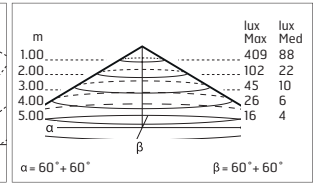
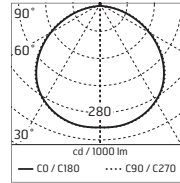


Anna310 Mid-Power LED / Bicolour Structure White-Brown

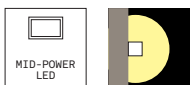


533015 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1325 ≠ Lm OUTPUT 1258
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

533019 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1261 ≠ Lm OUTPUT 1200
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

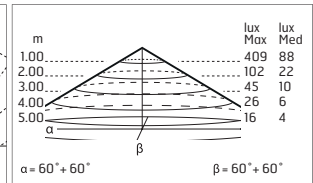
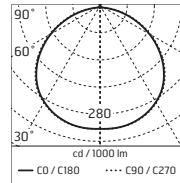


Anna310 Mid-Power LED / Bicolour Structure White-Green

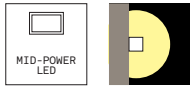
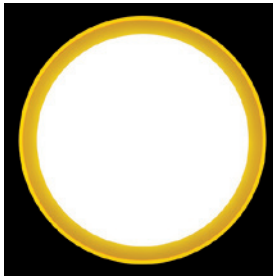


533016 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1325 ≠ Lm OUTPUT 1258
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

533020 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 15W/220÷240V
 Total power 18W
 Lm LED 1261 ≠ Lm OUTPUT 1200
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request



Anna410 Mid-Power LED / Bicolour Structure White-Yellow



533023 A A+ A++

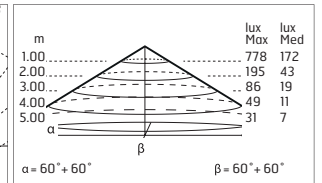
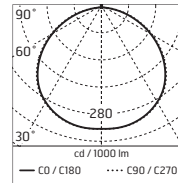
NATURAL WHITE 4000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4318 ≠ Lm OUTPUT 2340
CRI>80

Integral electronic power supply
Dimmable on request

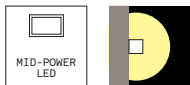
533027 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4109 ≠ Lm OUTPUT 2232
CRI>80

Integral electronic power supply
Dimmable on request



Anna410 Mid-Power LED / Bicolour Structure White-Orange



533024 A A+ A++

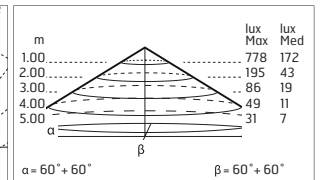
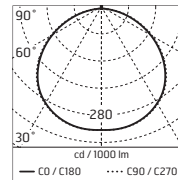
NATURAL WHITE 4000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4318 ≠ Lm OUTPUT 2340
CRI>80

Integral electronic power supply
Dimmable on request

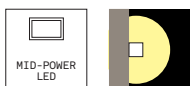
533028 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4109 ≠ Lm OUTPUT 2232
CRI>80

Integral electronic power supply
Dimmable on request



Anna410 Mid-Power LED / Bicolour Structure White-Brown



533025 A A+ A++

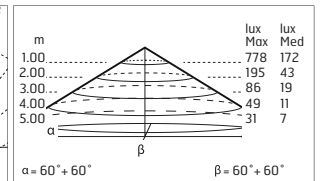
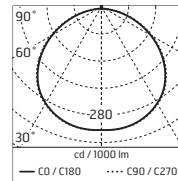
NATURAL WHITE 4000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4318 ≠ Lm OUTPUT 2340
CRI>80

Integral electronic power supply
Dimmable on request

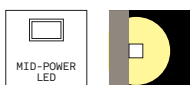
533029 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4109 ≠ Lm OUTPUT 2232
CRI>80

Integral electronic power supply
Dimmable on request



Anna410 Mid-Power LED / Bicolour Structure White-Green



533026 A A+ A++

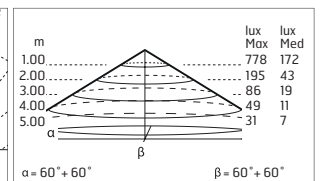
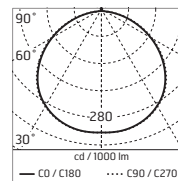
NATURAL WHITE 4000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4318 ≠ Lm OUTPUT 2340
CRI>80

Integral electronic power supply
Dimmable on request

533030 A A+ A++

WARM WHITE 3000K
MID-POWER LEDs
30W/110÷240V
Total power 34W
Lm LED 4109 ≠ Lm OUTPUT 2232
CRI>80

Integral electronic power supply
Dimmable on request





LaDina

- Decorative portable/ suspended lamp.
- Configuration: polyethylene structure with satin white emitting unit and colour closing screw-on cap. Anti-loosening system.
- Protection rating: IP44
- In compliance with EN60598-1 standards
- Class of Insulation: II
- Installation: the luminaire is equipped with a 5000mm black neoprene cable, a CEE 7/17 plug (schuko compatible) and a Velcro strap to coil the cable up or to be wrapped around the handle for a quick fixing as suspended lamp.

LamegaDina

- Decorative portable floor lamp.
- Configuration: polyethylene structure with satin white emitting unit and colour closing screw-on cap. Anti-loosening system.
- Protection rating: IP44
- In compliance with EN60598-1 standards
- Class of Insulation: II
- Installation: the luminaire is equipped with a 5000mm black neoprene cable and a CEE 7/17 plug (schuko compatible).

EU Regulation 874/2012 - Illumination equipment energy classes



FLUORESCENT VERSION:

Class A
TC-TSE/E27



Floor Lamp
LamegaDina




Suspended Lamp
LaDina



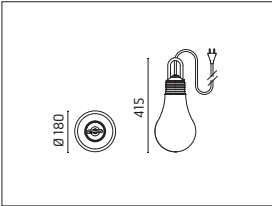
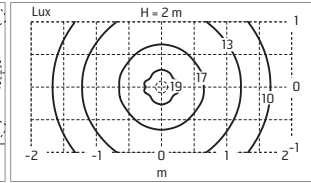
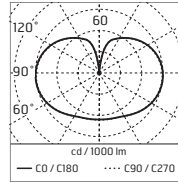
The fitting is equipped with 1 cable input with plug.
Cable length: 5000mm

LaDina / Snow




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

Optional LED bulb
 Photometric curve not available

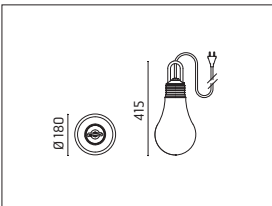
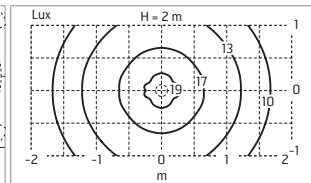
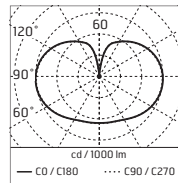


LaDina / Sand




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

Optional LED bulb
 Photometric curve not available

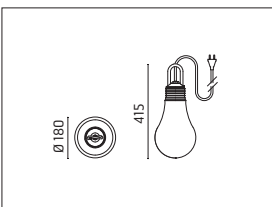
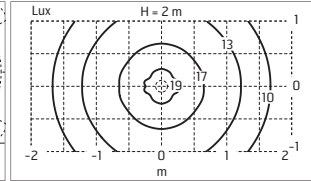
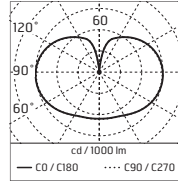


LaDina / Fuchsia



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

Optional LED bulb
 Photometric curve not available



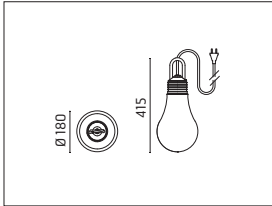
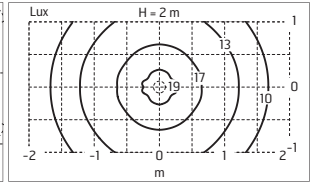
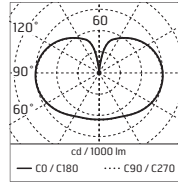
LaDina / Land



500004 A

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

Optional LED bulb
Photometric curve not available



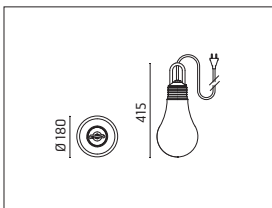
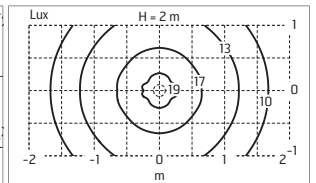
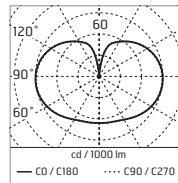
LaDina / Night



500005 A

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

Optional LED bulb
Photometric curve not available



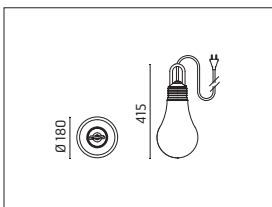
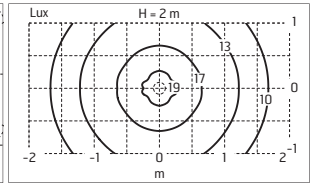
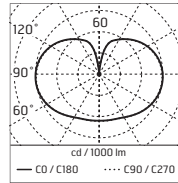
LaDina / Carrot



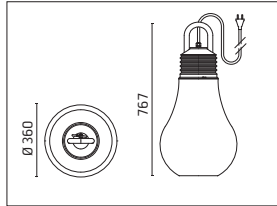
500006 A

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

Optional LED bulb
Photometric curve not available



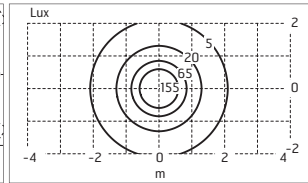
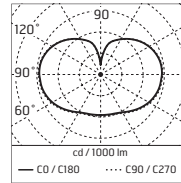
LamegaDina / Snow



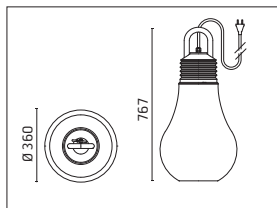
500007 A

TC-TSE 30Wmax/230V E27
(Ø max bulb 87mm)

Optional LED bulb
Photometric curve not available



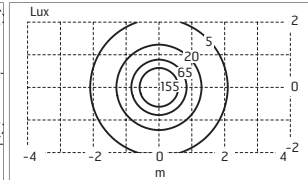
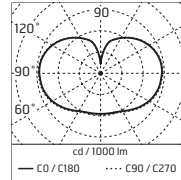
LamegaDina / Sand



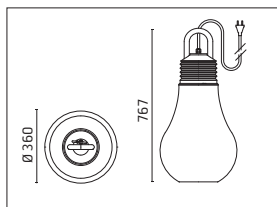
500008 A

TC-TSE 30Wmax/230V E27
(Ø max bulb 87mm)

Optional LED bulb
Photometric curve not available



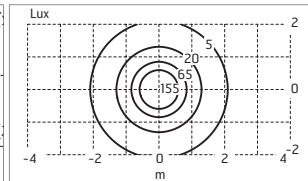
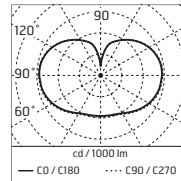
LamegaDina / Fuchsia



500009 A

TC-TSE 30Wmax/230V E27
(Ø max bulb 87mm)

Optional LED bulb
Photometric curve not available



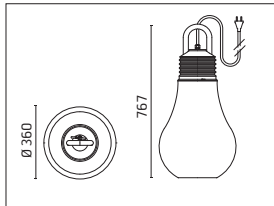
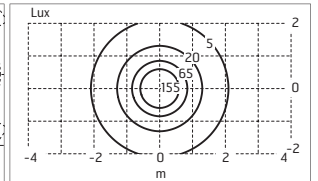
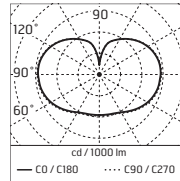
LamegaDina / Land



500010 A

TC-TSE 30Wmax/230V E27
(Ø max bulb 87mm)

Optional LED bulb
Photometric curve not available



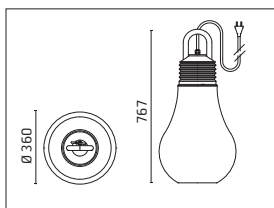
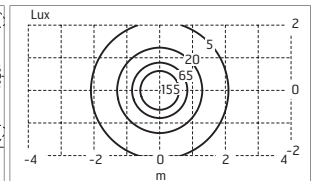
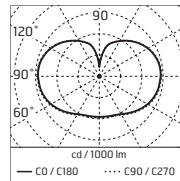
LamegaDina / Night



500011 A

TC-TSE 30Wmax/230V E27
(Ø max bulb 87mm)

Optional LED bulb
Photometric curve not available



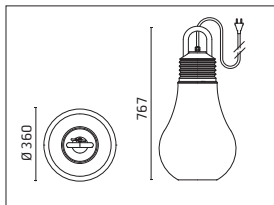
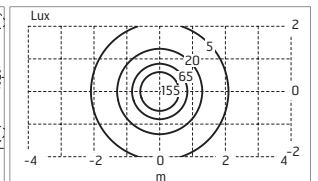
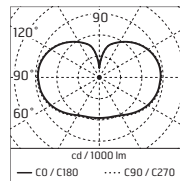
LamegaDina / Carrot



500012 A

TC-TSE 30Wmax/230V E27
(Ø max bulb 87mm)

Optional LED bulb
Photometric curve not available





- Round luminaire for installation in-ground – recessed.
- Configuration: three sizes available. Die-cast aluminium structure and heat sink, EN AB-47100 alloy (low copper content). AISI 316L stainless steel outer frame. Glass diffuser: transparent with silkscreen border.
- 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 sandblasted 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: Fully adjustable optic, different beams
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress and quick connection to the power supply unit (supplied with the luminaire as a remote IP67 Kit with electronic power supply). The power supply unit is equipped with a piece of cable of 400mm with screw connector towards the luminaire and a piece of cable of 300mm to be used for wiring. Outdoor use requires suitable flexible cables. 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.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



.0 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



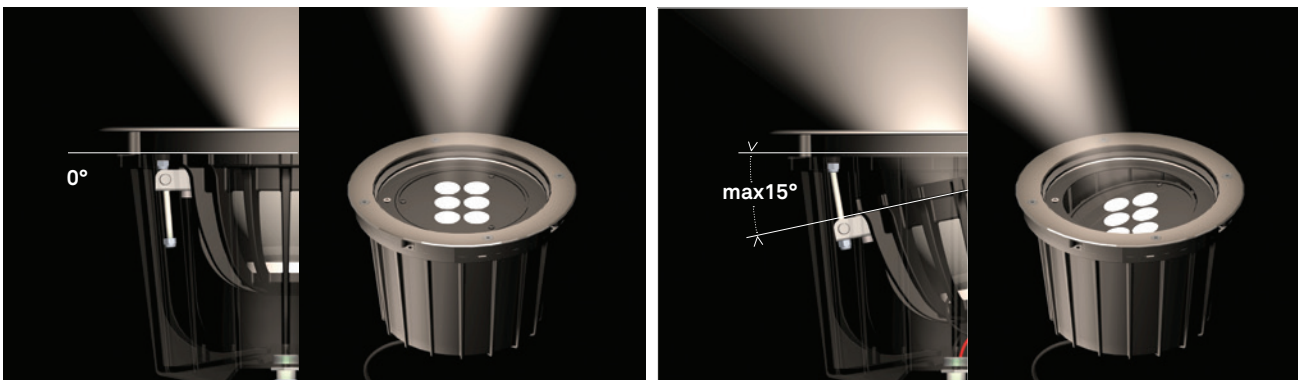
Glass surface temperature <70°C



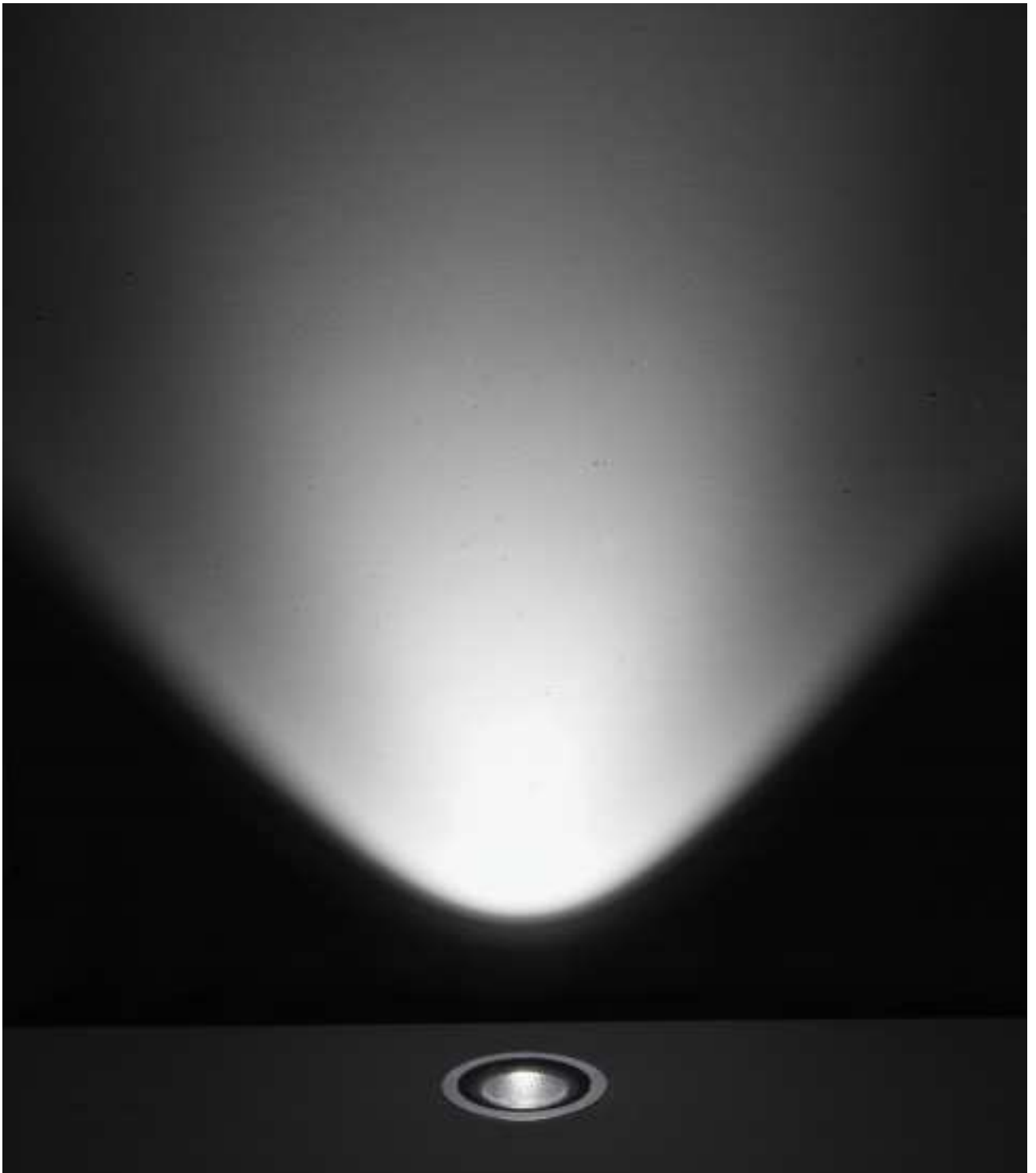
Protection against impact
IK 09- 10,00 joule



Adjustment on the horizontal axis: max 15°



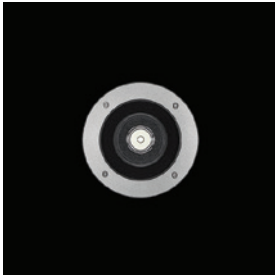
Naboo



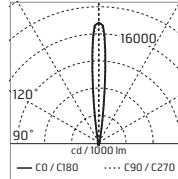
Rotation around the vertical axis: max 359°



Naboo145 Power LED / Adjustable Optic - Narrow Beam 10°

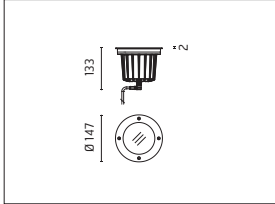


534002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 6W/220÷240V
 Total power 8W
 lm LED 630 ≠ lm OUTPUT 558
 CRI >80
 Kit with remote electronic power supply included



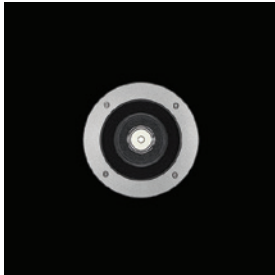
| m | lux | |
|------|-------|------|
| | Max | Med |
| 5.00 | 408 | 273 |
| 4.00 | 638 | 426 |
| 3.00 | 1134 | 757 |
| 2.00 | 2552 | 1704 |
| 1.00 | 10206 | 6815 |

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

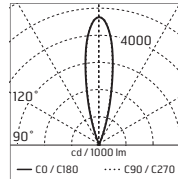


534003 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 6W/220÷240V
 Total power 8W
 lm LED 547 ≠ lm OUTPUT 485
 CRI >80
 Kit with remote electronic power supply included

Naboo145 Power LED / Adjustable Optic - Medium Beam 24°

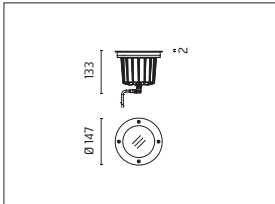


534005 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 6W/220÷240V
 Total power 8W
 lm LED 630 ≠ lm OUTPUT 583
 CRI >80
 Kit with remote electronic power supply included



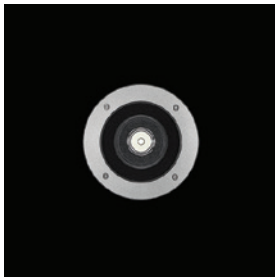
| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 110 | 70 |
| 4.00 | 172 | 109 |
| 3.00 | 306 | 194 |
| 2.00 | 689 | 437 |
| 1.00 | 2756 | 1747 |

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

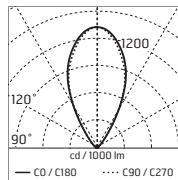


534006 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 6W/220÷240V
 Total power 8W
 lm LED 547 ≠ lm OUTPUT 507
 CRI >80
 Kit with remote electronic power supply included

Naboo145 Power LED / Adjustable Optic - Wide Beam 50°

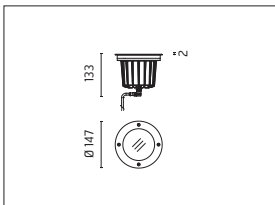


534008 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 6W/220÷240V
 Total power 8W
 lm LED 630 ≠ lm OUTPUT 536
 CRI >80
 Kit with remote electronic power supply included



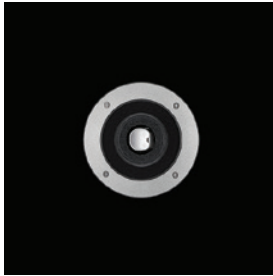
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 25 | 14 |
| 4.00 | 40 | 21 |
| 3.00 | 70 | 38 |
| 2.00 | 158 | 85 |
| 1.00 | 633 | 338 |

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



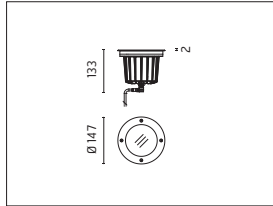
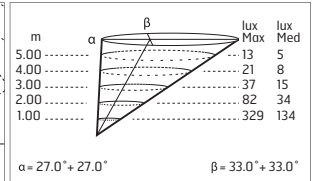
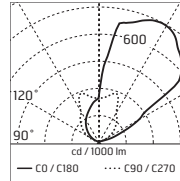
534009 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 6W/220÷240V
 Total power 8W
 lm LED 547 ≠ lm OUTPUT 466
 CRI >80
 Kit with remote electronic power supply included

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



534011 A A+ A++

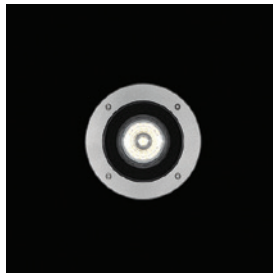
NATURAL WHITE 4000K
POWER LED
6W/220÷240V
Total power 8W
lm LED 630 ≈ lm OUTPUT 511
CRI >80
Kit with remote electronic power supply included



534012 A A+ A++

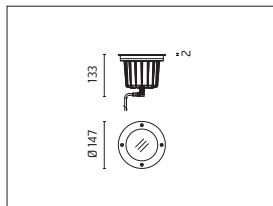
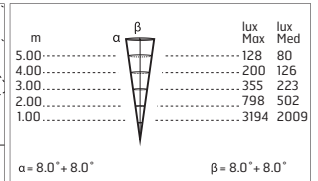
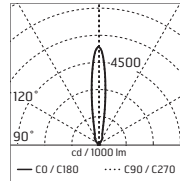
WARM WHITE 3000K
POWER LED
6W/220÷240V
Total power 8W
lm LED 547 ≈ lm OUTPUT 444
CRI >80
Kit with remote electronic power supply included

Naboo145 CoB LED / Adjustable Optic - Narrow Beam 16°



534014 A A+ A++

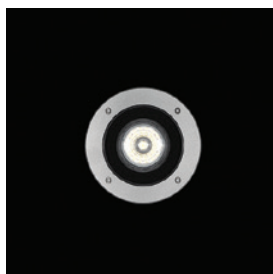
NATURAL WHITE 4000K
CoB LED
6W/220÷240V
Total power 9W
lm LED 959 ≈ lm OUTPUT 579
CRI >80
Kit with remote electronic power supply included



534015 A A+ A++

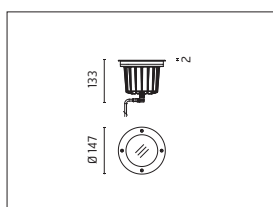
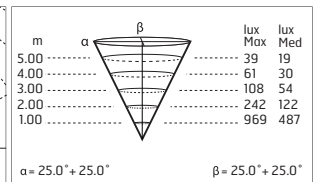
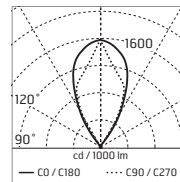
WARM WHITE 3000K
CoB LED
6W/220÷240V
Total power 9W
lm LED 922 ≈ lm OUTPUT 557
CRI >80
Kit with remote electronic power supply included

Naboo145 CoB LED / Adjustable Optic - Wide Beam 50°



534017 A A+ A++

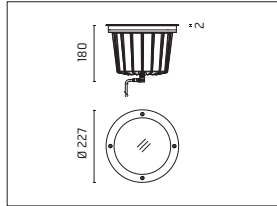
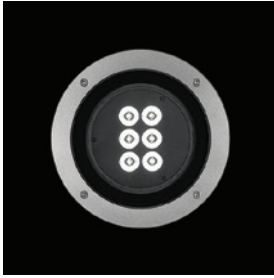
NATURAL WHITE 4000K
CoB LED
6W/220÷240V
Total power 9W
lm LED 959 ≈ lm OUTPUT 610
CRI >80
Kit with remote electronic power supply included



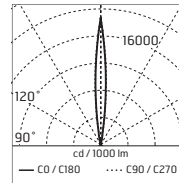
534018 A A+ A++

WARM WHITE 3000K
CoB LED
6W/220÷240V
Total power 9W
lm LED 922 ≈ lm OUTPUT 586
CRI >80
Kit with remote electronic power supply included

Naboo225 Power LED / Adjustable Optic - Narrow Beam 10°



534020 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1935 ≠ lm OUTPUT 1572
 CRI >80
 Kit with remote electronic power supply included

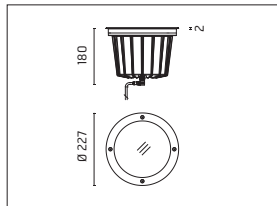


| m | α | β | lux | lux |
|------|---|---|-------|-------|
| | | | Max | Med |
| 5.00 | | | 1185 | 679 |
| 4.00 | | | 1852 | 1060 |
| 3.00 | | | 3292 | 1885 |
| 2.00 | | | 7408 | 4242 |
| 1.00 | | | 29631 | 16967 |

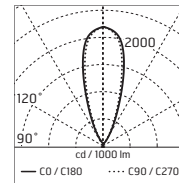
α = 5.0° + 5.0° β = 5.0° + 5.0°

534021 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1818 ≠ lm OUTPUT 1476
 CRI >80
 Kit with remote electronic power supply included

Naboo225 Power LED / Adjustable Optic - Medium Beam 35°



534023 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1935 ≠ lm OUTPUT 1306
 CRI >80
 Kit with remote electronic power supply included

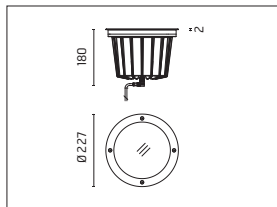


| m | α | β | lux | lux |
|------|---|---|------|------|
| | | | Max | Med |
| 5.00 | | | 114 | 68 |
| 4.00 | | | 178 | 107 |
| 3.00 | | | 317 | 189 |
| 2.00 | | | 714 | 426 |
| 1.00 | | | 2854 | 1704 |

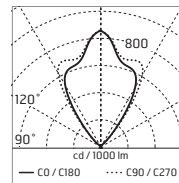
α = 17.0° + 17.0° β = 17.0° + 17.0°

534024 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1818 ≠ lm OUTPUT 1227
 CRI >80
 Kit with remote electronic power supply included

Naboo225 Power LED / Adjustable Optic - Wide Beam 70°



534026 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1935 ≠ lm OUTPUT 1580
 CRI >80
 Kit with remote electronic power supply included

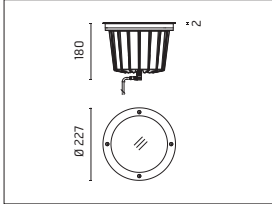
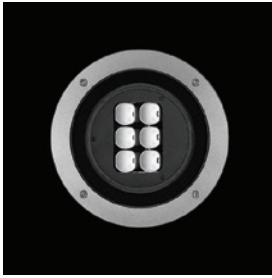


| m | α | β | lux | lux |
|------|---|---|------|-----|
| | | | Max | Med |
| 5.00 | | | 54 | 26 |
| 4.00 | | | 85 | 40 |
| 3.00 | | | 151 | 71 |
| 2.00 | | | 341 | 160 |
| 1.00 | | | 1362 | 638 |

α = 35.0° + 35.0° β = 35.0° + 35.0°

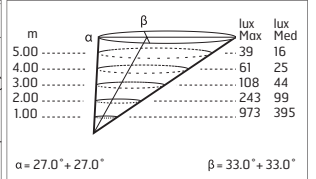
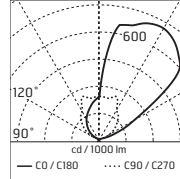
534027 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1818 ≠ lm OUTPUT 1484
 CRI >80
 Kit with remote electronic power supply included

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

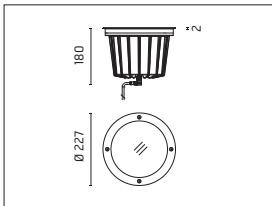


534029 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1935 ≈ lm OUTPUT 1572
 CRI >80
 Kit with remote electronic power supply included

534030 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 16,8W/220÷240V
 Total power 21W
 lm LED 1818 ≈ lm OUTPUT 1476
 CRI >80
 Kit with remote electronic power supply included

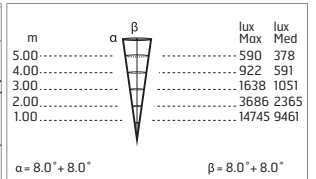
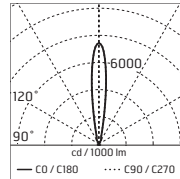


Naboo225 CoB LED / Adjustable Optic - Narrow Beam 16°

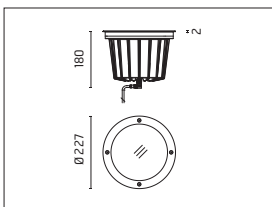


534031 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 21W
 lm LED 2533 ≈ lm OUTPUT 1961
 CRI >80
 Kit with remote electronic power supply included

534032 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 21W
 lm LED 2415 ≈ lm OUTPUT 1870
 CRI >80
 Kit with remote electronic power supply included

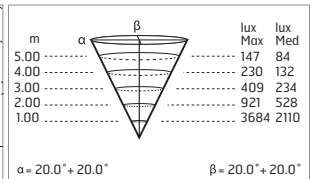
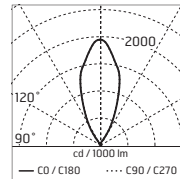


Naboo225 CoB LED / Adjustable Optic - Medium Beam 40°

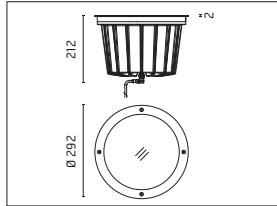
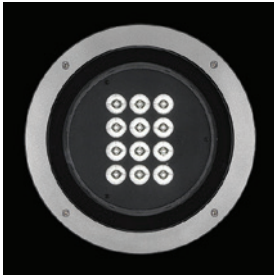


534033 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 21W
 lm LED 2533 ≈ lm OUTPUT 1886
 CRI >80
 Kit with remote electronic power supply included

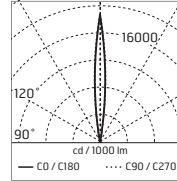
534034 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 21W
 lm LED 2415 ≈ lm OUTPUT 1799
 CRI >80
 Kit with remote electronic power supply included



Naboo290 Power LED / Adjustable Optic - Narrow Beam 10°



534036 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,5W/220÷240V
 Total power 39W
 lm LED 3871 ≈ lm OUTPUT 3134
 CRI >80
 Kit with remote electronic power supply included

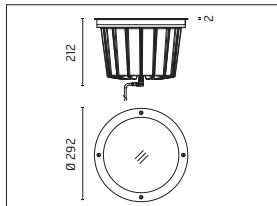
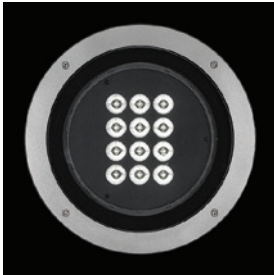


| m | lux | |
|------|-------|-------|
| | Max | Med |
| 5.00 | 2363 | 1353 |
| 4.00 | 3692 | 2114 |
| 3.00 | 6564 | 3759 |
| 2.00 | 14769 | 8457 |
| 1.00 | 59074 | 33827 |

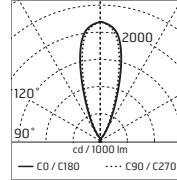
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

534037 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,5W/220÷240V
 Total power 39W
 lm LED 3636 ≈ lm OUTPUT 2943
 CRI >80
 Kit with remote electronic power supply included

Naboo290 Power LED / Adjustable Optic - Medium Beam 35°



534039 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,5W/220÷240V
 Total power 39W
 lm LED 3871 ≈ lm OUTPUT 2604
 CRI >80
 Kit with remote electronic power supply included

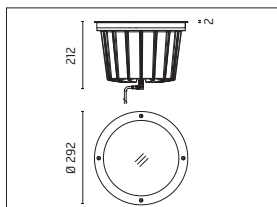
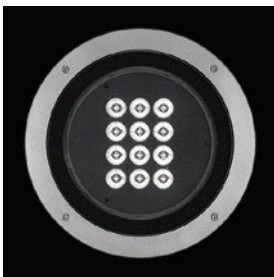


| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 227 | 136 |
| 4.00 | 355 | 212 |
| 3.00 | 632 | 377 |
| 2.00 | 1422 | 849 |
| 1.00 | 5687 | 3395 |

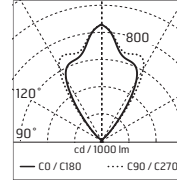
$\alpha = 17.0^\circ + 17.0^\circ$ $\beta = 17.0^\circ + 17.0^\circ$

534040 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,5W/220÷240V
 Total power 39W
 lm LED 3636 ≈ lm OUTPUT 2446
 CRI >80
 Kit with remote electronic power supply included

Naboo290 Power LED / Adjustable Optic - Wide Beam 70°



534042 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,5W/220÷240V
 Total power 39W
 lm LED 3871 ≈ lm OUTPUT 2768
 CRI >80
 Kit with remote electronic power supply included

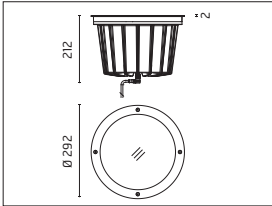
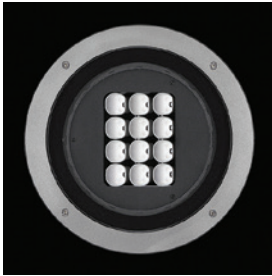


| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 95 | 45 |
| 4.00 | 149 | 70 |
| 3.00 | 265 | 124 |
| 2.00 | 597 | 280 |
| 1.00 | 2387 | 1119 |

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

534043 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,5W/220÷240V
 Total power 39W
 lm LED 3636 ≈ lm OUTPUT 2599
 CRI >80
 Kit with remote electronic power supply included

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

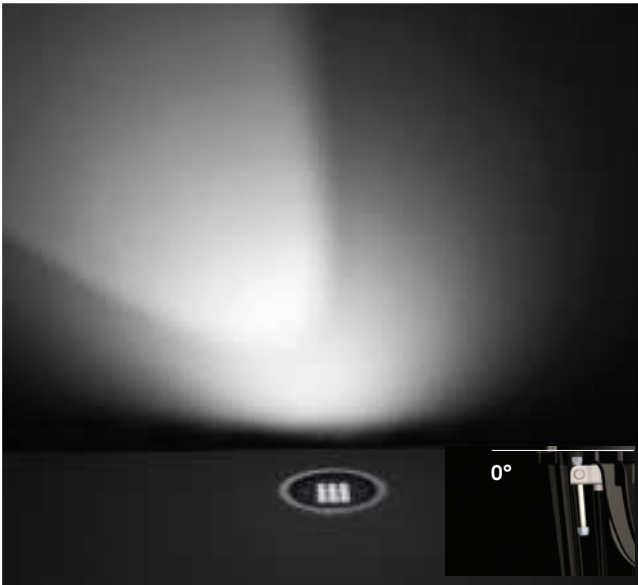
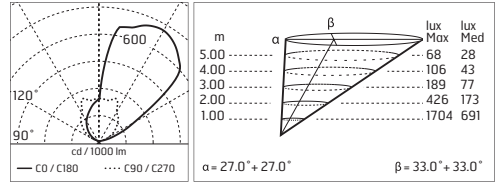


534045 A A+ A++

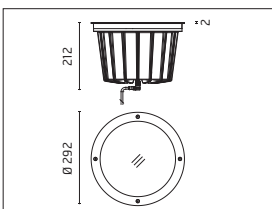
NATURAL WHITE 4000K
POWER LEDs
33,5W/220÷240V
Total power 39W
lm LED 3871 ≈ lm OUTPUT 2754
CRI >80
Kit with remote electronic power supply included

534046 A A+ A++

WARM WHITE 3000K
POWER LEDs
33,5W/220÷240V
Total power 39W
lm LED 3636 ≈ lm OUTPUT 2586
CRI >80
Kit with remote electronic power supply included



Naboo290 CoB LED / Adjustable Optic - Medium Beam 40°

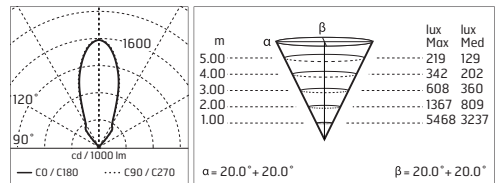


534047 A A+ A++

NATURAL WHITE 4000K
CoB LED
32W/220÷240V
Total power 38W
lm LED 4496 ≈ lm OUTPUT 3411
CRI >80
Kit with remote electronic power supply included

534048 A A+ A++

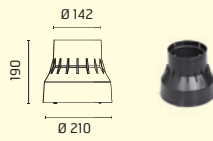
WARM WHITE 3000K
CoB LED
32W/220÷240V
Total power 38W
lm LED 4385 ≈ lm OUTPUT 3326
CRI >80
Kit with remote electronic power supply included



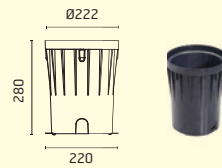


Accessories: Naboo

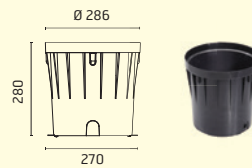
188
BOX FOR INSTALLATION
Ø 210 x H 190mm



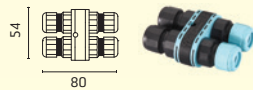
189
BOX FOR INSTALLATION
Ø 222 x H 280mm



190
BOX FOR INSTALLATION
Ø 286 x H 280mm



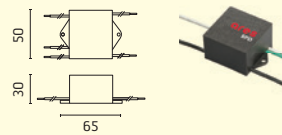
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



220÷240V
Kit with remote electronic power supply
included

| acc. code ▶ | 188 | 189 | 190 | 215 | 236 | 237 |
|--------------|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | |
| 534002 | • | | | • | • | • |
| 534003 | • | | | • | • | • |
| 534005 | • | | | • | • | • |
| 534006 | • | | | • | • | • |
| 534008 | • | | | • | • | • |
| 534009 | • | | | • | • | • |
| 534011 | • | | | • | • | • |
| 534012 | • | | | • | • | • |
| 534014 | • | | | • | • | • |
| 534015 | • | | | • | • | • |
| 534017 | • | | | • | • | • |
| 534018 | • | | | • | • | • |
| 534020 | | • | | • | • | • |
| 534021 | | • | | • | • | • |
| 534023 | | • | | • | • | • |
| 534024 | | • | | • | • | • |
| 534026 | | • | | • | • | • |

| acc. code ▶ | 188 | 189 | 190 | 215 | 236 | 237 |
|--------------|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | |
| 534027 | | • | | • | • | • |
| 534029 | | • | | • | • | • |
| 534030 | | • | | • | • | • |
| 534031 | | • | | • | • | • |
| 534032 | | • | | • | • | • |
| 534033 | | • | | • | • | • |
| 534034 | | • | | • | • | • |
| 534036 | | | • | • | • | • |
| 534037 | | | • | • | • | • |
| 534039 | | | • | • | • | • |
| 534040 | | | • | • | • | • |
| 534042 | | | • | • | • | • |
| 534043 | | | • | • | • | • |
| 534045 | | | • | • | • | • |
| 534046 | | | • | • | • | • |
| 534047 | | | • | • | • | • |
| 534048 | | | • | • | • | • |



- Round luminaire with radial emission for installation in-ground – recessed.
- Configuration: two sizes available. Die-cast aluminium structure, EN AB-47100 alloy (low copper content). Transparent borosilicate glass.
- 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 sandblasted 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.
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II; version 24V: III
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress. 220-240V: the power supply unit is equipped with a piece of cable of 400mm with screw connector towards the luminaire and a piece of cable of 300mm to be used for wiring. 24V: the luminaire is supplied with a piece of cable with screw-connector to be used for wiring. Outdoor use requires suitable flexible cables. 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. Kamino 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and 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

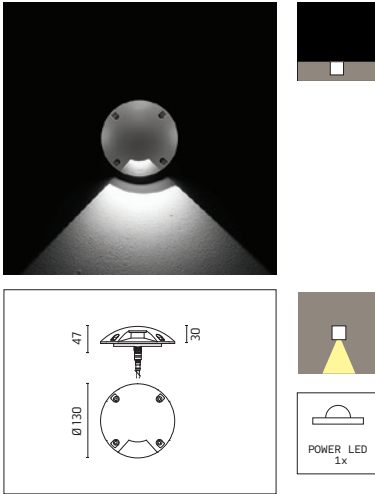
A++
A+
A

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

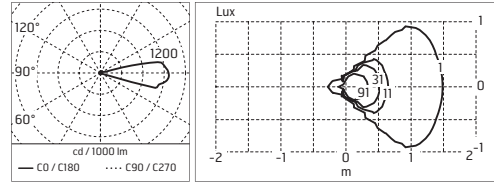


| | | | |
|--|---|--|--|
| | Recessed ground fitting | | Installation requires a 30cm water drainage layer (gravel) |
| | Do not install in hollow areas | | Pre-wired with approx 250mm of cable |
| | Protection against water ingress from the cable | | Static load: 2000Kg walk over |
| | Drive over |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

Kamino130 Power LED / One Emission

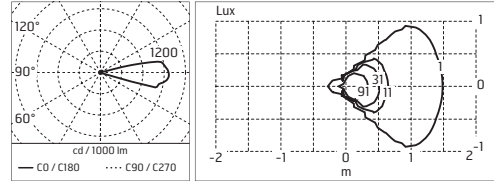


535002 NATURAL WHITE 4000K
POWER LED
1,1W/220÷240V
Total power 4W
lm LED 1x148 ≠ lm OUTPUT 1x41
CRI >80
Kit with remote electronic power supply included



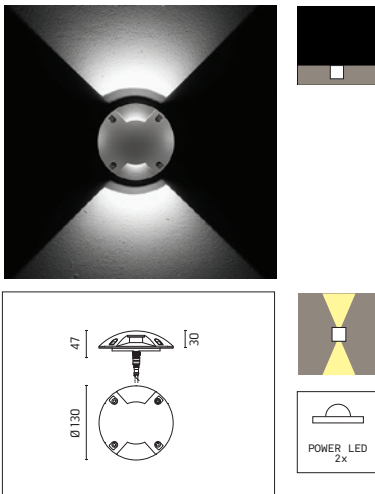
535003 WARM WHITE 3000K
POWER LED
1,1W/220÷240V
Total power 4W
lm LED 1x139 ≠ lm OUTPUT 1x38
CRI >80
Kit with remote electronic power supply included

535020 NATURAL WHITE 4000K
POWER LED
1,1W/24Vdc
Total power 1,9W
lm LED 1x148 ≠ lm OUTPUT 1x41
CRI >80
Remote electronic power supply to be ordered

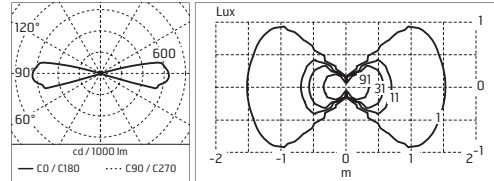


535021 WARM WHITE 3000K
POWER LED
1,1W/24Vdc
Total power 1,9W
lm LED 1x139 ≠ lm OUTPUT 1x38
CRI >80
Remote electronic power supply to be ordered

Kamino130 Power LED / Two Emissions

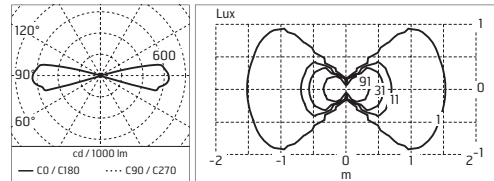


535005 NATURAL WHITE 4000K
POWER LEDs
2,2W/220÷240V
Total power 5W
lm LED 2x148 ≠ lm OUTPUT 2x41
CRI >80
Kit with remote electronic power supply included



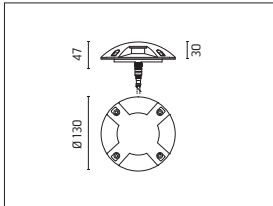
535006 WARM WHITE 3000K
POWER LEDs
2,2W/220÷240V
Total power 5W
lm LED 2x139 ≠ lm OUTPUT 2x38
CRI >80
Kit with remote electronic power supply included

535023 NATURAL WHITE 4000K
POWER LEDs
2,2W/24Vdc
Total power 3,5W
lm LED 2x148 ≠ lm OUTPUT 2x41
CRI >80
Remote electronic power supply to be ordered



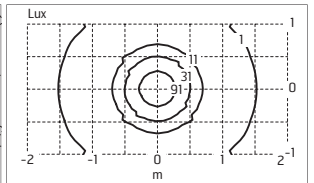
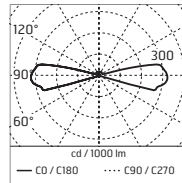
535024 WARM WHITE 3000K
POWER LEDs
2,2W/24Vdc
Total power 3,5W
lm LED 2x139 ≠ lm OUTPUT 2x38
CRI >80
Remote electronic power supply to be ordered

Kamino130 Power LED / Omnidirectional



535008 A⁺ A⁺ A⁺⁺

NATURAL WHITE 4000K
POWER LEDs
4,4W/220÷240V
Total power 7W
lm LED 4x141 ≠ lm OUTPUT 4x41
CRI >80
Kit with remote electronic power supply included



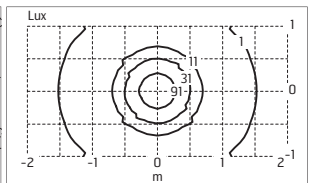
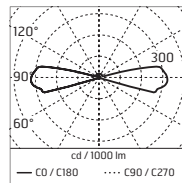
535009 A⁺ A⁺ A⁺⁺

WARM WHITE 3000K
POWER LEDs
4,4W/220÷240V
Total power 7W
lm LED 4x139 ≠ lm OUTPUT 4x38
CRI >80
Kit with remote electronic power supply included



535026 A⁺ A⁺ A⁺⁺

NATURAL WHITE 4000K
POWER LEDs
4,4W/24Vdc
Total power 5,8W
lm LED 4x141 ≠ lm OUTPUT 4x41
CRI >80
Remote electronic power supply to be ordered

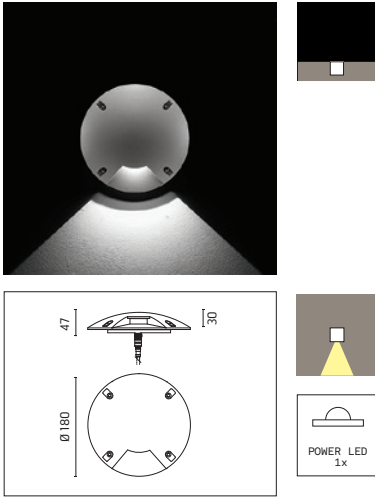


535027 A⁺ A⁺ A⁺⁺

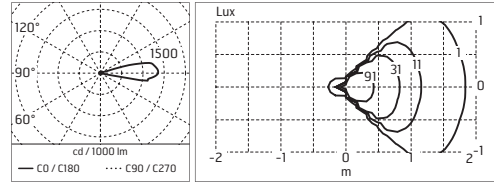
WARM WHITE 3000K
POWER LEDs
4,4W/24Vdc
Total power 5,8W
lm LED 4x139 ≠ lm OUTPUT 4x38
CRI >80
Remote electronic power supply to be ordered



Kamino180 Power LED / One Emission

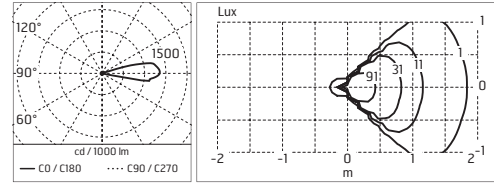


535011 NATURAL WHITE 4000K
POWER LED
2,2W/220÷240V
Total power 5W
lm LED 1x266 ≠ lm OUTPUT 1x74
CRI >80
Kit with remote electronic power supply included



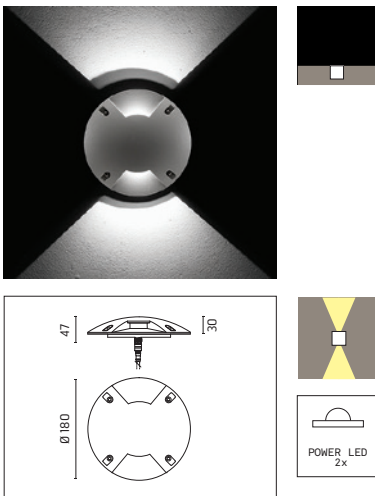
535012 WARM WHITE 3000K
POWER LED
2,2W/220÷240V
Total power 5W
lm LED 1x250 ≠ lm OUTPUT 1x69
CRI >80
Kit with remote electronic power supply included

535029 NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 1x266 ≠ lm OUTPUT 1x74
CRI >80
Remote electronic power supply to be ordered

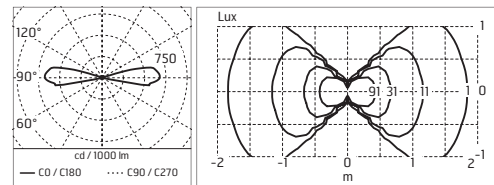


535030 WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 1x250 ≠ lm OUTPUT 1x69
CRI >80
Remote electronic power supply to be ordered

Kamino180 Power LED / Two Emissions

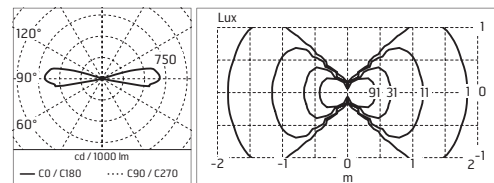


535014 NATURAL WHITE 4000K
POWER LEDs
4,4W/220÷240V
Total power 7W
lm LED 2x266 ≠ lm OUTPUT 2x74
CRI >80
Kit with remote electronic power supply included



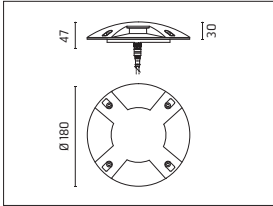
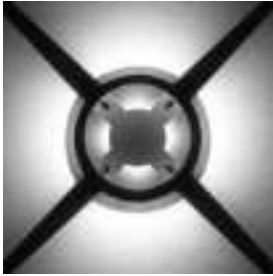
535015 WARM WHITE 3000K
POWER LEDs
4,4W/220÷240V
Total power 7W
lm LED 2x250 ≠ lm OUTPUT 2x69
CRI >80
Kit with remote electronic power supply included

535032 NATURAL WHITE 4000K
POWER LEDs
4,4W/24Vdc
Total power 6,4W
lm LED 2x266 ≠ lm OUTPUT 2x74
CRI >80
Remote electronic power supply to be ordered

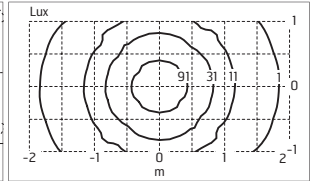
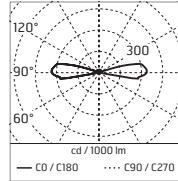


535033 WARM WHITE 3000K
POWER LEDs
4,4W/24Vdc
Total power 6,4W
lm LED 2x250 ≠ lm OUTPUT 2x69
CRI >80
Remote electronic power supply to be ordered

Kamino180 Power LED / Omnidirectional



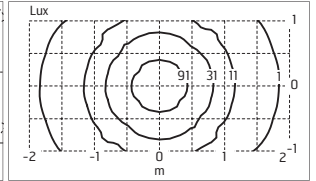
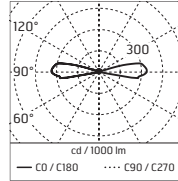
535017 **A⁺ A⁺ A⁺**
 NATURAL WHITE 4000K
 POWER LEDs
 8,8W/220÷240V
 Total power 12W
 lm LED 4x266 ≈ lm OUTPUT 4x74
 CRI >80
 Kit with remote electronic power supply included



535018 **A⁺ A⁺ A⁺**
 WARM WHITE 3000K
 POWER LEDs
 8,8W/220÷240V
 Total power 12W
 lm LED 4x250 ≈ lm OUTPUT 4x69
 CRI >80
 Kit with remote electronic power supply included



535035 **A⁺ A⁺ A⁺**
 NATURAL WHITE 4000K
 POWER LEDs
 8,8W/24Vdc
 Total power 11,2W
 lm LED 4x266 ≈ lm OUTPUT 4x74
 CRI >80
 Remote electronic power supply to be ordered



535036 **A⁺ A⁺ A⁺**
 WARM WHITE 3000K
 POWER LEDs
 8,8W/24Vdc
 Total power 11,2W
 lm LED 4x250 ≈ lm OUTPUT 4x69
 CRI >80
 Remote electronic power supply to be ordered





220-240V
Kit with remote electronic power supply included

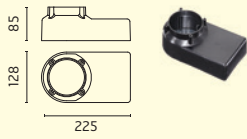
Version 24Vdc
Remote electronic power supply to be ordered

Version 220-240V
Kit with remote electronic power supply included

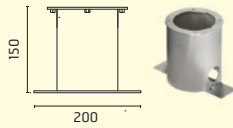


Accessories: Kamino

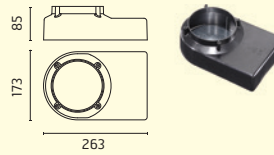
192
BOX FOR INSTALLATION
225 x 128 H 85mm



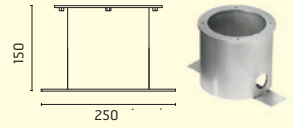
193
HIGH RESISTANCE IN-GROUND BOX
FOR INSTALLATION 200 H 150mm



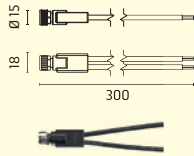
194
BOX FOR INSTALLATION
263 x 173 H 85mm



195
HIGH RESISTANCE IN-GROUND BOX
FOR INSTALLATION 250 H 150mm



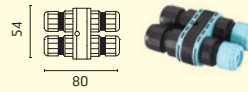
219
SPLITTER M12 CONNECTOR



220
M12 CONNECTOR L.5000mm



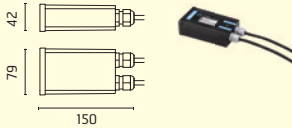
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



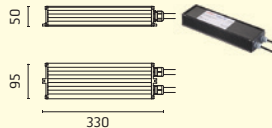
236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



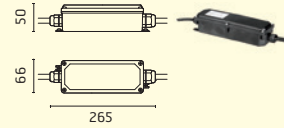
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



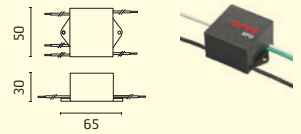
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



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



237
SPD:(SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 192 | 193 | 194 | 195 | 219 | 220 | 215 | 236 | 147 | 155 | 110 | 237 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | |
| 535002 | • | • | | | | | • | • | | | | • |
| 535003 | • | • | | | | | • | • | | | | • |
| 535005 | • | • | | | | | • | • | | | | • |
| 535006 | • | • | | | | | • | • | | | | • |
| 535008 | • | • | | | | | • | • | | | | • |
| 535009 | • | • | | | | | • | • | | | | • |
| 535011 | | | • | • | | | • | • | | | | • |
| 535012 | | | • | • | | | • | • | | | | • |
| 535014 | | | • | • | | | • | • | | | | • |
| 535015 | | | • | • | | | • | • | | | | • |
| 535017 | | | • | • | | | • | • | | | | • |
| 535018 | | | • | • | | | • | • | | | | • |
| 535020 | • | • | | | • | • | | | 5 | 16 | 33 | |
| 535021 | • | • | | | • | • | | | 5 | 16 | 33 | |
| 535023 | • | • | | | • | • | | | 2 | 10 | 19 | |
| 535024 | • | • | | | • | • | | | 2 | 10 | 19 | |
| 535026 | • | • | | | • | • | | | 1 | 7 | 12 | |
| 535027 | • | • | | | • | • | | | 1 | 7 | 12 | |
| 535029 | | | • | • | • | • | | | 3 | 8 | 16 | |
| 535030 | | | • | • | • | • | | | 3 | 8 | 16 | |
| 535032 | | | • | • | • | • | | | 2 | 5 | 8 | |
| 535033 | | | • | • | • | • | | | 2 | 5 | 8 | |
| 535035 | | | • | • | • | • | | | 1 | 3 | 6 | |
| 535036 | | | • | • | • | • | | | 1 | 3 | 6 | |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.













- Square luminaire for installation in wall and ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser fixed to the aluminium body through a robotic gluing system.
- 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 sandblasted 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: the luminaire is equipped with 300mm of cable for a quick connection. K12 Power LED is equipped with a dc/dc highly efficient 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. 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.

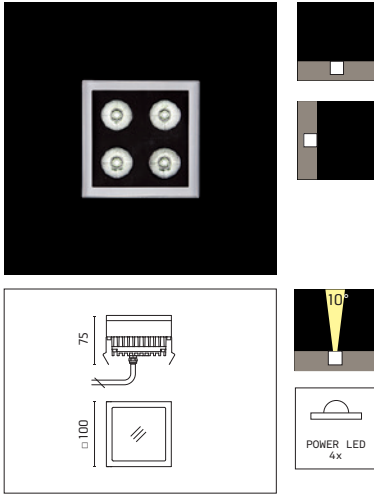
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

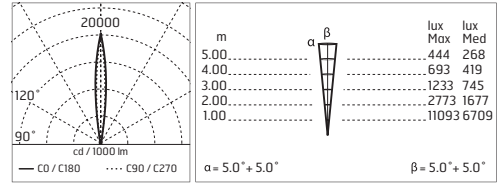
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

| | | | |
|---|---------------------------------------|---|--|
|  | Recessed ground fitting |  | Recessed wall fitting |
|  | Do not install in hollow areas |  | Installation requires a 20cm water drainage layer (gravel). |
|  | Pre-wired with approx 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 |  | Protection against impact. IK 10 - 20,00 joule |

K12sq Power LED / Narrow Beam 10°

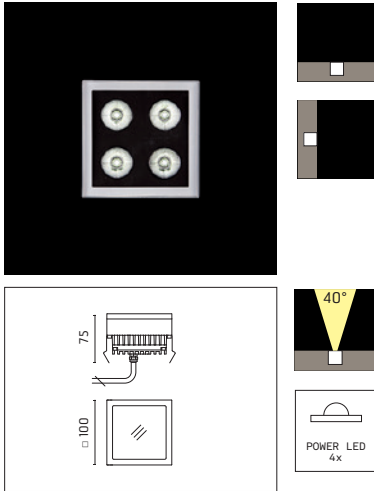


524012 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6,2W/24Vdc
 Total power 7,5W
 lm LED 730 \approx lm OUTPUT 545
 CRI>80
 Remote electronic power supply
 to be ordered

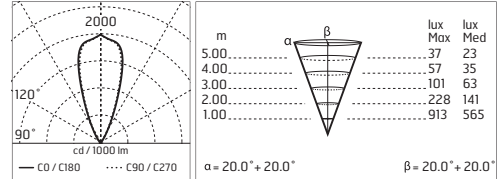


524013 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6,2W/24Vdc
 Total power 7,5W
 lm LED 685 \approx lm OUTPUT 511
 CRI>80
 Remote electronic power supply
 to be ordered

K12sq Power LED / Medium Beam 40°

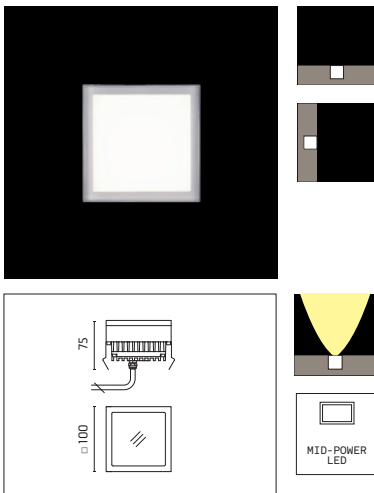


524022 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6,2W/24Vdc
 Total power 7,5W
 lm LED 730 \approx lm OUTPUT 462
 CRI>80
 Remote electronic power supply
 to be ordered

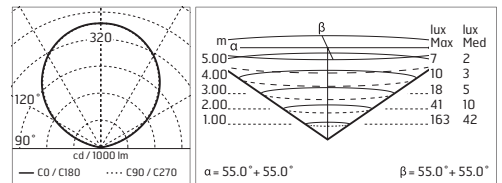


524023 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6,2W/24Vdc
 Total power 7,5W
 lm LED 685 \approx lm OUTPUT 437
 CRI>80
 Remote electronic power supply
 to be ordered

K12sq Mid-Power LED / Diffused light

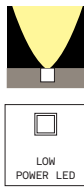
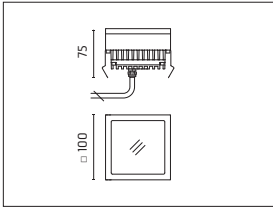
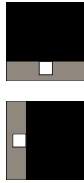
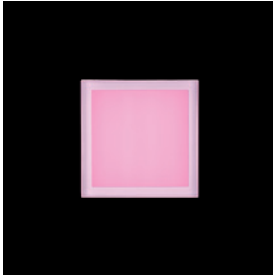


524002 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 5,2W/24Vdc
 Total power 6,8W
 lm LED 813 \approx lm OUTPUT 447
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176



524003 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 5,2W/24Vdc
 Total power 6,8W
 lm LED 774 \approx lm OUTPUT 426
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

K12sq RGB Low-Power LED / Diffused light



524004 **A A+ A++**

RGB
LOW-POWER LEDs
4,6W/3CH 24Vdc
Total power 6W
Remote electronic power supply
to be ordered

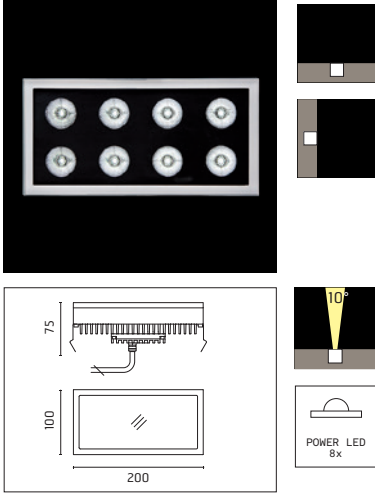
Wiring diagram and installation scheme RGB

Max 8 luminaires K12sq
for each code 148

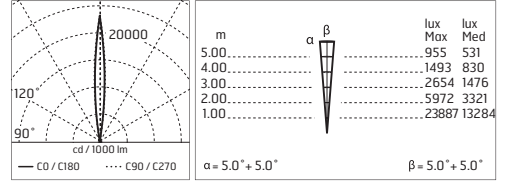
>> See Page 516
Wiring Diagram n.6



K12rc Power LED / Narrow Beam 10°

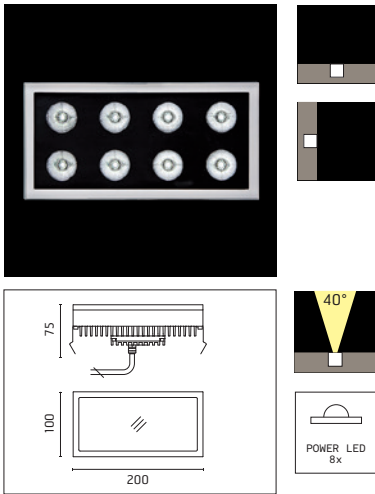


524512 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 12,4W/24Vdc
 Total power 15W
 lm LED 1459 ≠ lm OUTPUT 1031
 CRI>80
 Remote electronic power supply
 to be ordered

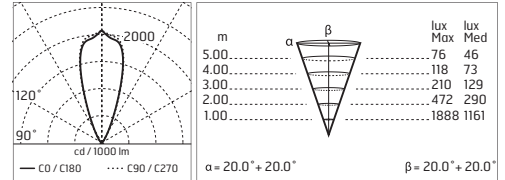


524513 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 12,4W/24Vdc
 Total power 15W
 lm LED 1370 ≠ lm OUTPUT 975
 CRI>80
 Remote electronic power supply
 to be ordered

K12rc Power LED / Medium Beam 40°

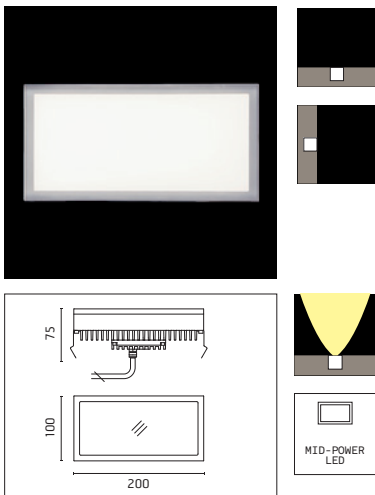


524522 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 12,4W/24Vdc
 Total power 15W
 lm LED 1459 ≠ lm OUTPUT 906
 CRI>80
 Remote electronic power supply
 to be ordered

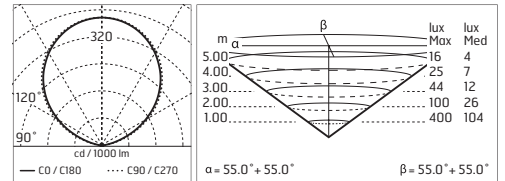


524523 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 12,4W/24Vdc
 Total power 15W
 lm LED 1370 ≠ lm OUTPUT 857
 CRI>80
 Remote electronic power supply
 to be ordered

K12rc Mid-Power LED / Diffused light

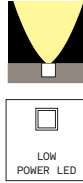
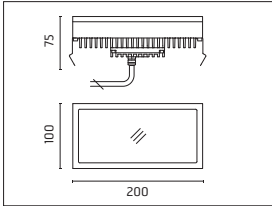
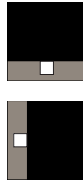


524502 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 11,7W/24Vdc
 Total power 15,8W
 lm LED 1829 ≠ lm OUTPUT 1060
 CRI>80
 Remote electronic power supply
 to be ordered
 ..Acc. 144 or 176



524503 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 11,7W/24Vdc
 Total power 15,8W
 lm LED 1742 ≠ lm OUTPUT 1010
 CRI>80
 Remote electronic power supply
 to be ordered
 ..Acc. 144 or 176

K12rc RGB Low-Power LED / Diffused light



524504 **A A+ A++**

RGB
LOW-POWER LEDs
10W/3CH 24Vdc
Total power 10,5W
Remote electronic power supply
to be ordered

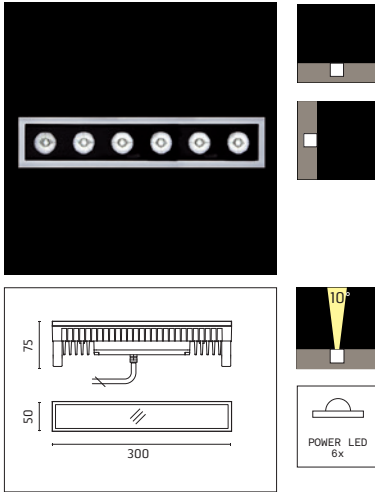
Wiring diagram and installation scheme RGB

Max 4 luminaires K12rc
for each code 148

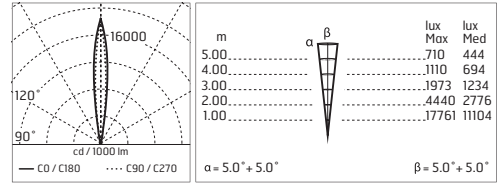
>> See Page 516
Wiring Diagram n.6



K12In Power LED / Narrow Beam 10°

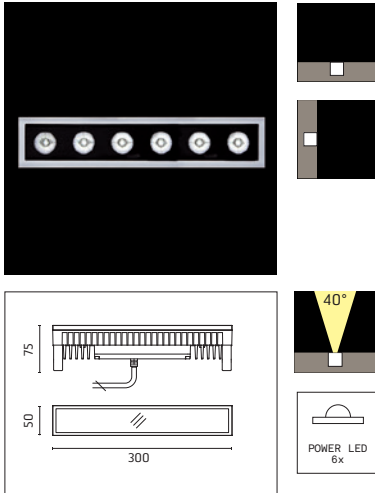


524112 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,3W/24Vdc
 Total power 11,8W
 lm LED 1094 ≈ lm OUTPUT 967
 CRI>80
 Remote electronic power supply
 to be ordered

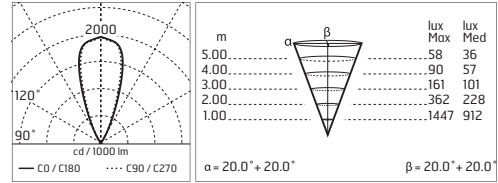


524113 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,3W/24Vdc
 Total power 11,8W
 lm LED 1027 ≈ lm OUTPUT 916
 CRI>80
 Remote electronic power supply
 to be ordered

K12In Power LED / Medium Beam 40°

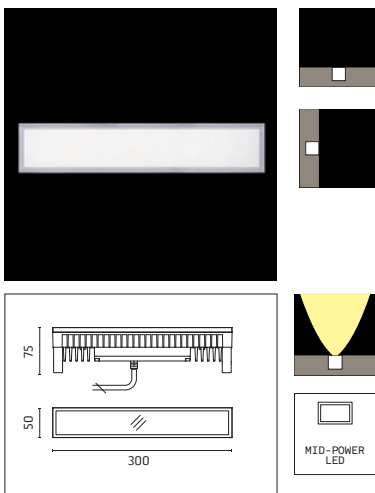


524122 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,3W/24Vdc
 Total power 11,8W
 lm LED 1094 ≈ lm OUTPUT 737
 CRI>80
 Remote electronic power supply
 to be ordered

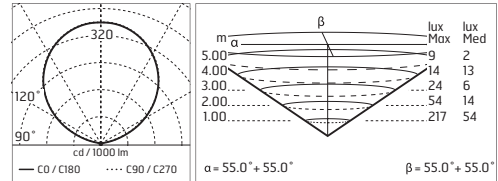


524123 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,3W/24Vdc
 Total power 11,8W
 lm LED 1027 ≈ lm OUTPUT 697
 CRI>80
 Remote electronic power supply
 to be ordered

K12In Mid-Power LED / Diffused Light

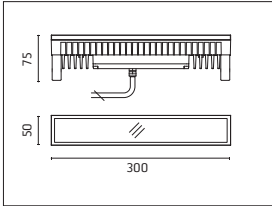
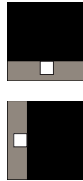


524102 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 7,8W/24Vdc
 Total power 10,5W
 lm LED 1219 ≈ lm OUTPUT 607
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176



524103 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 7,8W/24Vdc
 Total power 10,5W
 lm LED 1161 ≈ lm OUTPUT 578
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

K12In RGB Low-Power LED / Diffused Light



524104 **A A+ A++**

RGB
LOW-POWER LEDs
7,5W/3CH 24Vdc
Total power 8W
Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB

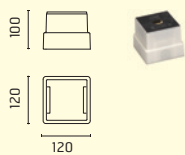
Max 5 luminaires K12In
for each code 148

>> See Page 516
Wiring Diagram n.6

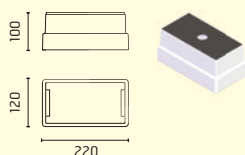


Accessories: K12

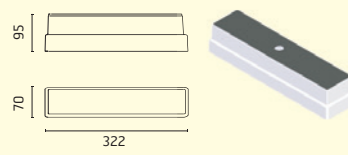
151
BOX FOR INSTALLATION
120 x 120 x H 95mm



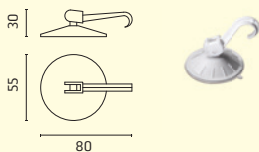
152
BOX FOR INSTALLATION
220 x 120 x H 95mm



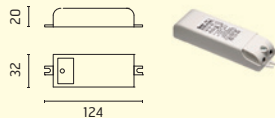
183
BOX FOR INSTALLATION
322 x 70 x H 95mm



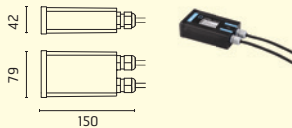
153
SUCTION CUP TO PULL THE LUMINAIRE



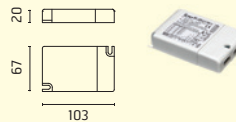
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



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



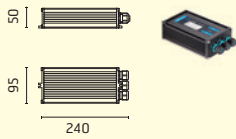
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

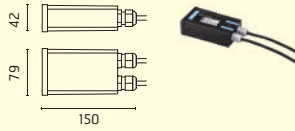


176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.

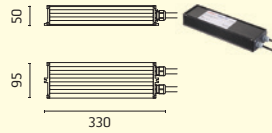


...DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

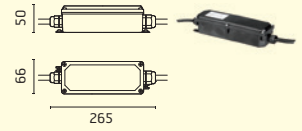
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



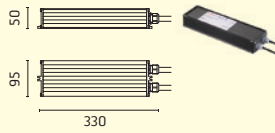
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



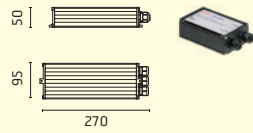
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



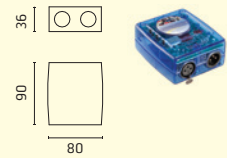
148
POWER SUPPLY WITH DMX INTERFACE FOR
RGB FIXTURES 55W/220÷230V-3CHX24Vdc
(3CHX18W) DMX CONTROLLER ALLOWED
IP67 CLASS I SELV EQ.



142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



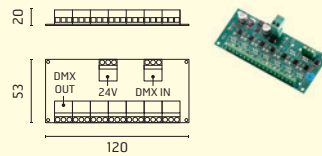
143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



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)



| acc. code ▶ | 151 | 152 | 183 | 153 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 | 148 | 142 | 143 | 186 | 187 |
|--------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | | | | | | |
| 524002 | • | | | • | 1 | 1 | 2 | 2 | 2 | 6 | 9 | 13 | | | | | |
| 524003 | • | | | • | 1 | 1 | 2 | 2 | 2 | 6 | 9 | 13 | | | | | |
| 524004 | • | | | • | | | | | | | | | 8 | • | • | • | • |
| 524012 | • | | | • | 1 | 1 | | | | 5 | 8 | | | | | | |
| 524013 | • | | | • | 1 | 1 | | | | 5 | 8 | | | | | | |
| 524022 | • | | | • | 1 | 1 | | | | 5 | 8 | | | | | | |
| 524023 | • | | | • | 1 | 1 | | | | 5 | 8 | | | | | | |
| 524502 | | • | | • | | | 1 | 1 | 1 | 3 | 4 | 6 | | | | | |
| 524503 | | • | | • | | | 1 | 1 | 1 | 3 | 4 | 6 | | | | | |
| 524504 | | • | | • | | | | | | | | | 4 | • | • | • | • |
| 524512 | | • | | • | | | | | 1 | 2 | 4 | | | | | | |
| 524513 | | • | | • | | | | | 1 | 2 | 4 | | | | | | |
| 524522 | | • | | • | | | | | 1 | 2 | 4 | | | | | | |
| 524523 | | • | | • | | | | | 1 | 2 | 4 | | | | | | |
| 524102 | | | • | • | | | 1 | 1 | 1 | 4 | 6 | 9 | | | | | |
| 524103 | | | • | • | | | 1 | 1 | 1 | 4 | 6 | 9 | | | | | |
| 524104 | | | • | • | | | | | | | | | 5 | • | • | • | • |
| 524112 | | | • | • | | | | | 1 | 3 | 6 | | | | | | |
| 524113 | | | • | • | | | | | 1 | 3 | 6 | | | | | | |
| 524122 | | | • | • | | | | | 1 | 3 | 6 | | | | | | |
| 524123 | | | • | • | | | | | 1 | 3 | 6 | | | | | | |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



TAPIOCA

- Square or round luminaire – for installation in wall, ceiling or ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Anodized aluminium frame – only round. Glass diffuser: transparent or sandblasted, fixed to the aluminium body through a robotic gluing system.
- 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 sandblasted 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: the luminaire is equipped with a piece of cable for an easy-to-make connection and an H2O STOP device. Tapioca 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. The luminaire is protected against polarity reversal and sudden voltage peak. 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

A++
A+
A

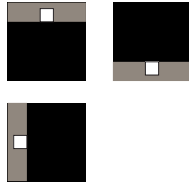
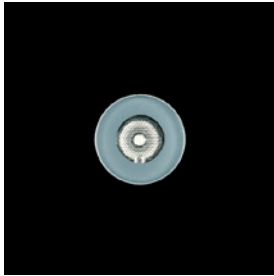
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.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) Static load: 2000Kg walk over (version with frame) |  | Glass surface temperature <70°C |
|  | Protection against impact. IK 08 - 5,00 joule IK 06 - 1,00 joule* *(only version ø 55 mm) | | |

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



10017712 **A A+ A++**

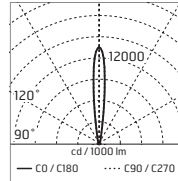
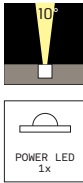
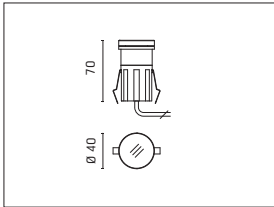
NATURAL WHITE 4000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 195 ≠ lm OUTPUT 138
CRI >80

Remote electronic power supply to be ordered

10017612 **A A+ A++**

WARM WHITE 3000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 180 ≠ lm OUTPUT 127
CRI >80

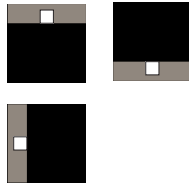
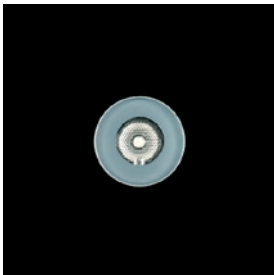
Remote electronic power supply to be ordered



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 77 | 51 |
| 4.00 | 121 | 80 |
| 3.00 | 214 | 141 |
| 2.00 | 482 | 318 |
| 1.00 | 1928 | 1273 |

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

Tapioca Power LED / Ø 40mm - Transparent Glass - Wide Beam 45°



10017740 **A A+ A++**

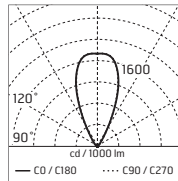
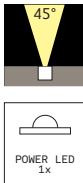
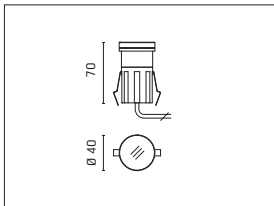
NATURAL WHITE 4000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 195 ≠ lm OUTPUT 130
CRI >80

Remote electronic power supply to be ordered

10017640 **A A+ A++**

WARM WHITE 3000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 180 ≠ lm OUTPUT 120
CRI >80

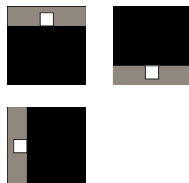
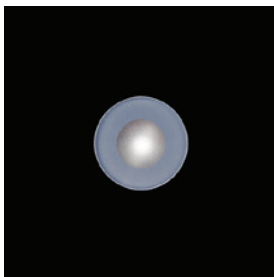
Remote electronic power supply to be ordered



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 9 | 5 |
| 4.00 | 14 | 8 |
| 3.00 | 25 | 15 |
| 2.00 | 56 | 33 |
| 1.00 | 225 | 131 |

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

Tapioca Power LED / Ø 40mm - Sandblasted Glass



100177118 **A A+ A++**

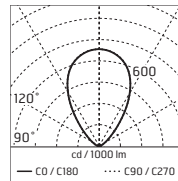
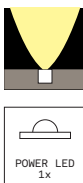
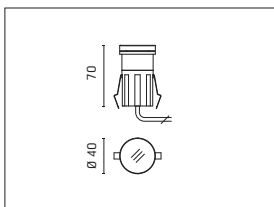
NATURAL WHITE 4000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 195 ≠ lm OUTPUT 54
CRI >80

Remote electronic power supply to be ordered

100176118 **A A+ A++**

WARM WHITE 3000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 180 ≠ lm OUTPUT 50
CRI >80

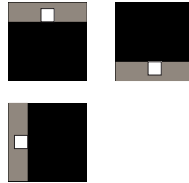
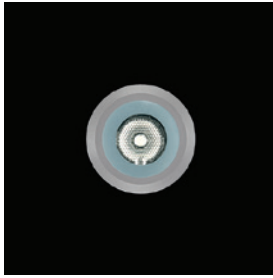
Remote electronic power supply to be ordered



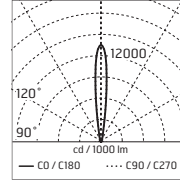
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 1 | 1 |
| 4.00 | 2 | 1 |
| 3.00 | 4 | 2 |
| 2.00 | 9 | 5 |
| 1.00 | 37 | 18 |

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

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

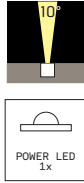
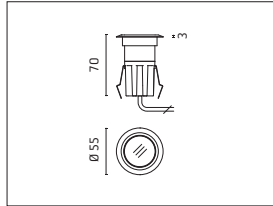


100177119 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 195 ≈ lm OUTPUT 138
 CRI >80
 Remote electronic power supply
 to be ordered



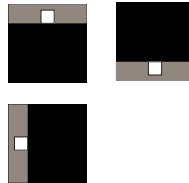
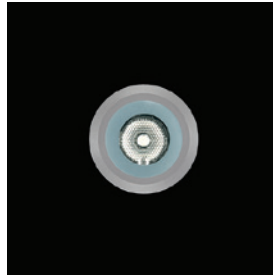
| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 77 | 51 |
| 4.00 | 121 | 80 |
| 3.00 | 214 | 141 |
| 2.00 | 482 | 318 |
| 1.00 | 1928 | 1273 |

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

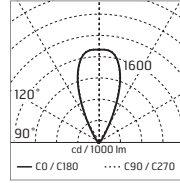


100176119 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 180 ≈ lm OUTPUT 127
 CRI >80
 Remote electronic power supply
 to be ordered

Tapioca Power LED / Ø 55mm - Anodized Aluminium Frame - Transparent Glass - Wide Beam 45°

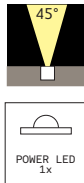
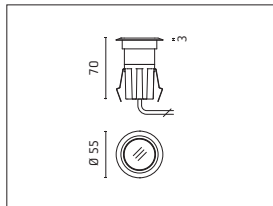


10017700 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 195 ≈ lm OUTPUT 130
 CRI >80
 Remote electronic power supply
 to be ordered



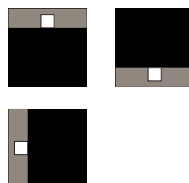
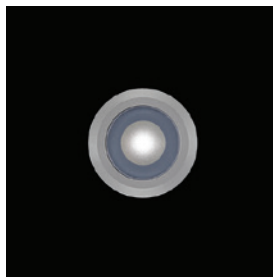
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 9 | 5 |
| 4.00 | 14 | 8 |
| 3.00 | 25 | 15 |
| 2.00 | 56 | 33 |
| 1.00 | 225 | 131 |

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

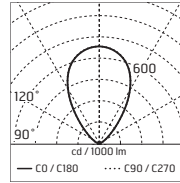


10017600 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 180 ≈ lm OUTPUT 120
 CRI >80
 Remote electronic power supply
 to be ordered

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

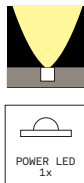
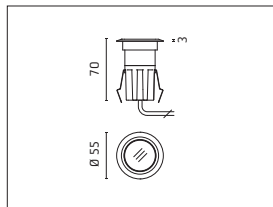


100176120 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 195 ≈ lm OUTPUT 54
 CRI >80
 Remote electronic power supply
 to be ordered



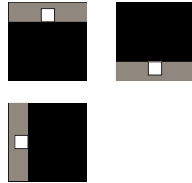
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 1 | 1 |
| 4.00 | 2 | 1 |
| 3.00 | 4 | 2 |
| 2.00 | 9 | 5 |
| 1.00 | 37 | 18 |

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



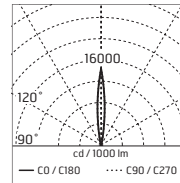
100177120 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 180 ≈ lm OUTPUT 50
 CRI >80
 Remote electronic power supply
 to be ordered

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



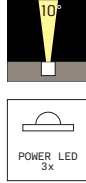
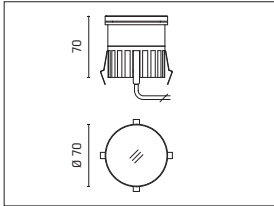
10018012 **A A+ A++**

NATURAL WHITE 4000K
 POWER LEDs
 4,8W/24Vdc
 Total power 5,9W
 lm LED 461 ≈ lm OUTPUT 367
 CRI >80
 Remote electronic power supply
 to be ordered



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 210 | 128 |
| 4.00 | 328 | 200 |
| 3.00 | 583 | 356 |
| 2.00 | 1312 | 802 |
| 1.00 | 5248 | 3208 |

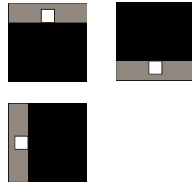
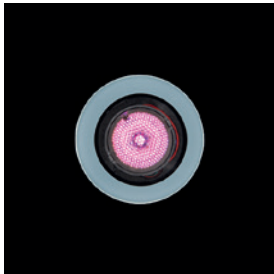
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$



10017912 **A A+ A++**

WARM WHITE 3000K
 POWER LEDs
 4,8W/24Vdc
 Total power 5,9W
 lm LED 433 ≈ lm OUTPUT 344
 CRI >80
 Remote electronic power supply
 to be ordered

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



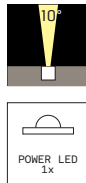
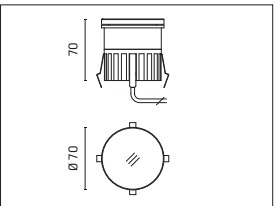
10017412 **A A+ A++**

RGB
 POWER LED
 3,4W/3CHx350mA
 Total power 3,4W
 Remote electronic power supply
 to be ordered

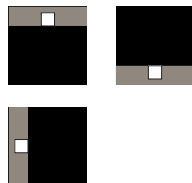
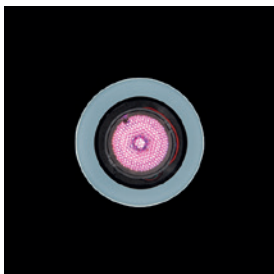
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
 for each code 141

>> See Page 516
 Wiring Diagram n.5



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



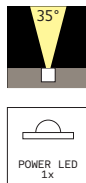
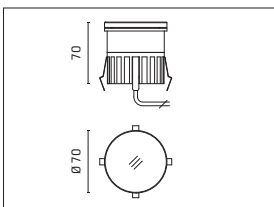
10017440 **A A+ A++**

RGB
 POWER LED
 3,4W/3CHx350mA
 Total power 3,4W
 Remote electronic power supply
 to be ordered

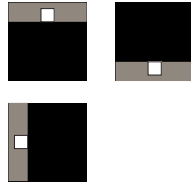
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
 for each code 141

>> See Page 516
 Wiring Diagram n.5

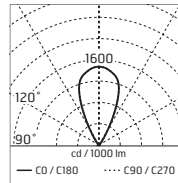


Tapioca Power LED / Ø 70mm - Transparent Glass - Wide Beam 50°



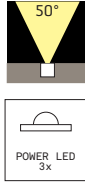
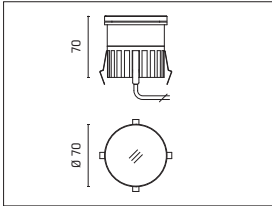
10018040 **A A+ A++**

NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 ≈ lm OUTPUT 329
CRI >80
Remote electronic power supply
to be ordered



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 19 | 11 |
| 4.00 | 30 | 18 |
| 3.00 | 54 | 32 |
| 2.00 | 121 | 71 |
| 1.00 | 483 | 286 |

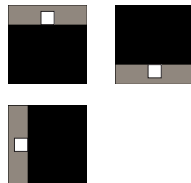
$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$



10017940 **A A+ A++**

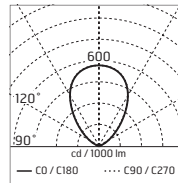
WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 ≈ lm OUTPUT 308
CRI >80
Remote electronic power supply
to be ordered

Tapioca Power LED / Ø 70mm - Sandblasted Glass



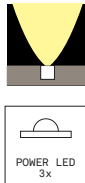
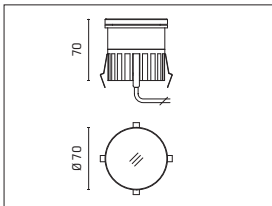
100180122 **A A+ A++**

NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 ≈ lm OUTPUT 162
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 |

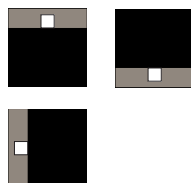
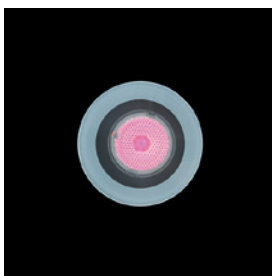
$\alpha = 39.0^\circ + 39.0^\circ$ $\beta = 39.0^\circ + 39.0^\circ$



100179122 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 ≈ lm OUTPUT 152
CRI >80
Remote electronic power supply
to be ordered

Tapioca RGB Power LED / Ø 70mm - Sandblasted Glass



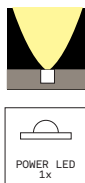
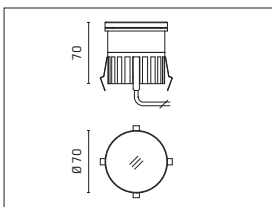
100174122 **A A+ A++**

RGB
POWER LED
3,4W/3CHx350mA
Total power 3,4W
Remote electronic power supply
to be ordered

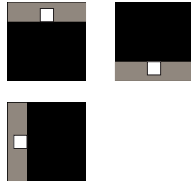
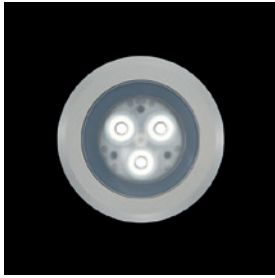
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

>> See Page 516
Wiring Diagram n.5



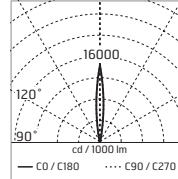
Tapioca Power LED / Ø 90mm - Anodized Aluminium Frame - Transparent Glass - Narrow Beam 10°



100180123 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 ≠ lm OUTPUT 367
CRI >80

Remote electronic power supply to be ordered



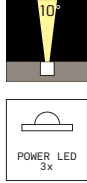
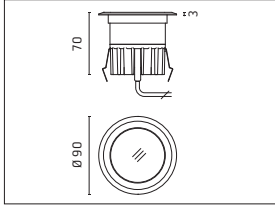
| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 210 | 128 |
| 4.00 | 328 | 200 |
| 3.00 | 583 | 356 |
| 2.00 | 1312 | 802 |
| 1.00 | 5248 | 3208 |

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

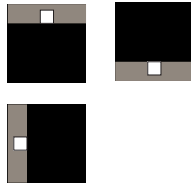
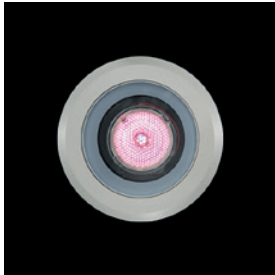
100179123 A A+ A++

WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 ≠ lm OUTPUT 344
CRI >80

Remote electronic power supply to be ordered



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



100174123 A A+ A++

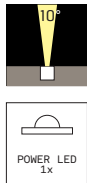
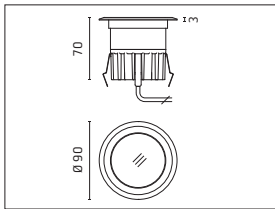
RGB
POWER LED
3,4W/3CHx350mA
Total power 3,4W

Remote electronic power supply to be ordered

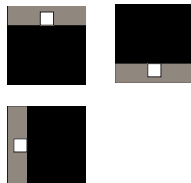
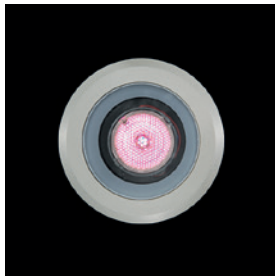
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

>> See Page 516
Wiring Diagram n.5



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



10017427 A A+ A++

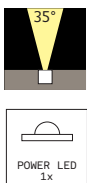
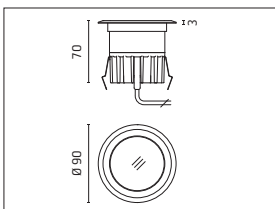
RGB
POWER LED
3,4W/3CHx350mA
Total power 3,4W

Remote electronic power supply to be ordered

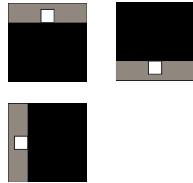
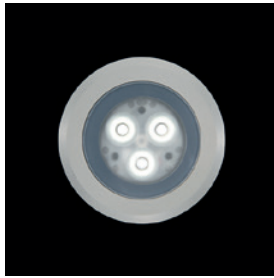
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

>> See Page 516
Wiring Diagram n.5

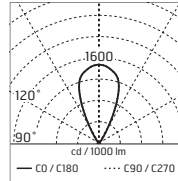


Tapioca Power LED / Ø 90mm - Anodized Aluminium Frame - Transparent Glass - Wide Beam 50°



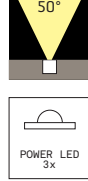
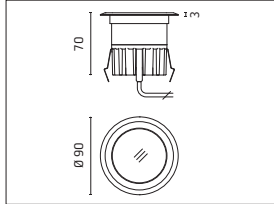
10018027 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 ≈ lm OUTPUT 329
CRI >80
Remote electronic power supply
to be ordered



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 19 | 11 |
| 4.00 | 30 | 18 |
| 3.00 | 54 | 32 |
| 2.00 | 121 | 71 |
| 1.00 | 483 | 286 |

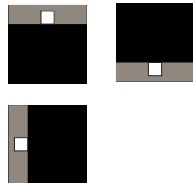
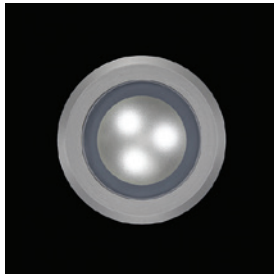
$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$



10017927 A A+ A++

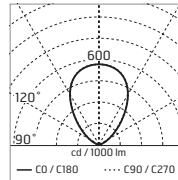
WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 ≈ lm OUTPUT 308
CRI >80
Remote electronic power supply
to be ordered

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



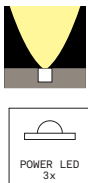
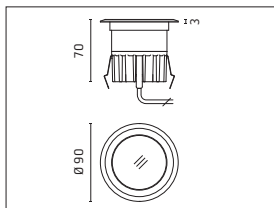
100180121 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 ≈ lm OUTPUT 162
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 |

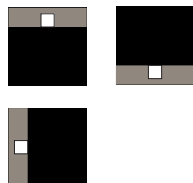
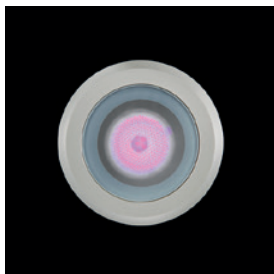
$\alpha = 39.0^\circ + 39.0^\circ$ $\beta = 39.0^\circ + 39.0^\circ$



100179121 A A+ A++

WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 ≈ lm OUTPUT 152
CRI >80
Remote electronic power supply
to be ordered

Tapioca RGB Power LED / Ø 90mm - Sandblasted Glass



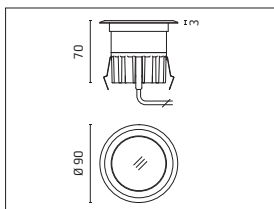
100174121 A A+ A++

RGB
POWER LED
3,4W/3CHx350mA
Total power 3,4W
Remote electronic power supply
to be ordered

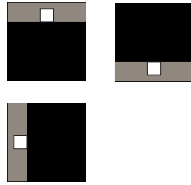
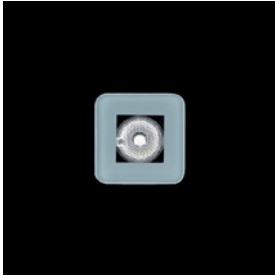
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

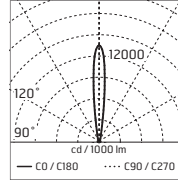
>> See Page 516
Wiring Diagram n.5



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

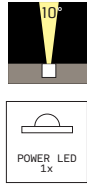
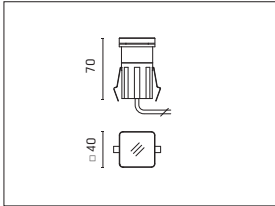


100177133 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 195 ± lm OUTPUT 138
 CRI >80
 Remote electronic power supply
 to be ordered



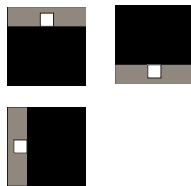
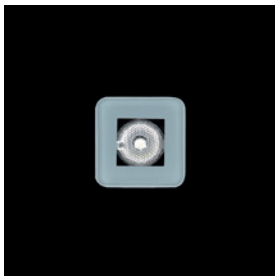
| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 77 | 51 |
| 4.00 | 121 | 80 |
| 3.00 | 214 | 141 |
| 2.00 | 482 | 318 |
| 1.00 | 1928 | 1273 |

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

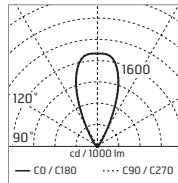


100176133 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 180 ± lm OUTPUT 127
 CRI >80
 Remote electronic power supply
 to be ordered

Tapioca Power LED / 40x40 mm -Transparent Glass - Wide Beam 45°

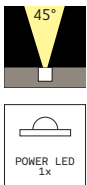
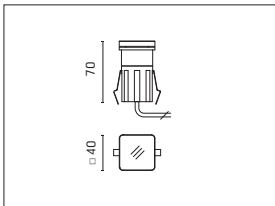


10017741 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 195 ± lm OUTPUT 130
 CRI >80
 Remote electronic power supply
 to be ordered



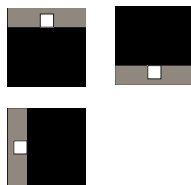
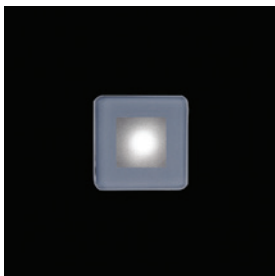
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 9 | 5 |
| 4.00 | 14 | 8 |
| 3.00 | 25 | 15 |
| 2.00 | 56 | 33 |
| 1.00 | 225 | 131 |

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

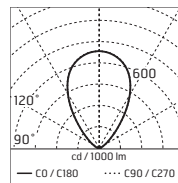


10017641 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 180 ± lm OUTPUT 120
 CRI >80
 Remote electronic power supply
 to be ordered

Tapioca Power LED / 40x40mm - Sandblasted Glass

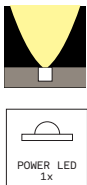
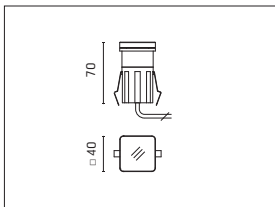


100177124 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 195 ± lm OUTPUT 54
 CRI >80
 Remote electronic power supply
 to be ordered



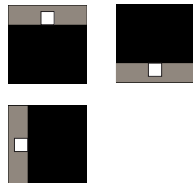
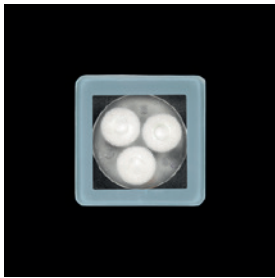
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 1 | 1 |
| 4.00 | 2 | 1 |
| 3.00 | 4 | 2 |
| 2.00 | 9 | 5 |
| 1.00 | 37 | 18 |

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



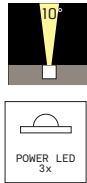
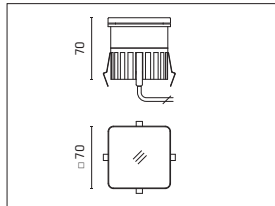
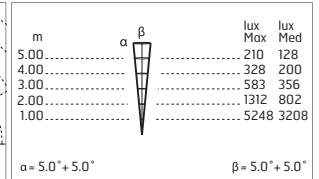
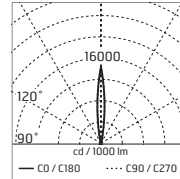
100176124 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 180 ± lm OUTPUT 50
 CRI >80
 Remote electronic power supply
 to be ordered

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



100180132 A A+ A++

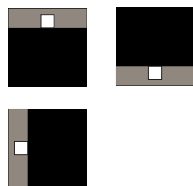
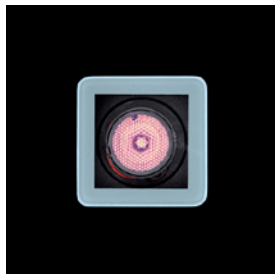
NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 \approx lm OUTPUT 367
CRI >80
Remote electronic power supply
to be ordered



100179132 A A+ A++

WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 \approx lm OUTPUT 344
CRI >80
Remote electronic power supply
to be ordered

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



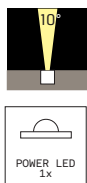
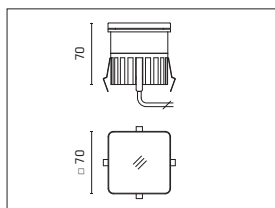
100174132 A A+ A++

RGB
POWER LED
3,4W/3CHx350mA
Total power 3,2W
Remote electronic power supply
to be ordered

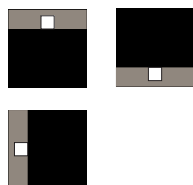
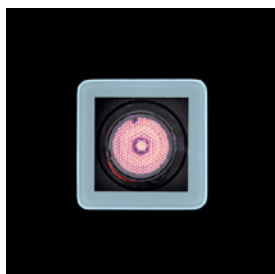
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

>> See Page 516
Wiring Diagram n.5



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



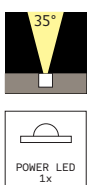
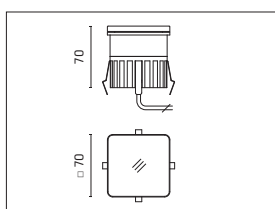
10017441 A A+ A++

RGB
POWER LED
3,4W/3CHx350mA
Total power 3,2W
Remote electronic power supply
to be ordered

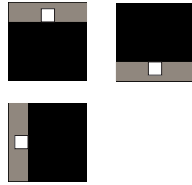
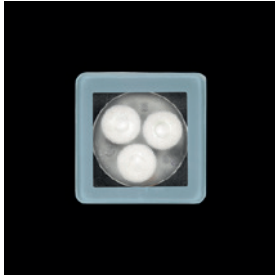
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

>> See Page 516
Wiring Diagram n.5

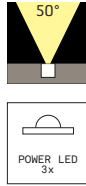
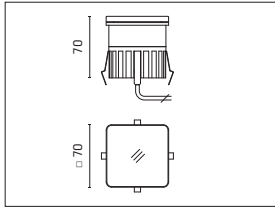
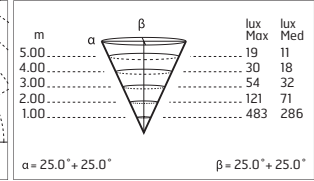
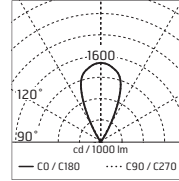


Tapioca Power LED / 70x70mm - Transparent Glass - Wide Beam 50°



10018041 A A+ A++

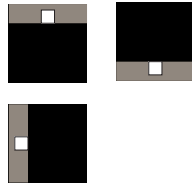
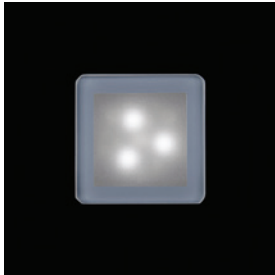
NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 ≠ lm OUTPUT 329
CRI >80
Remote electronic power supply
to be ordered



10017941 A A+ A++

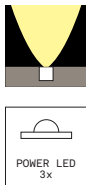
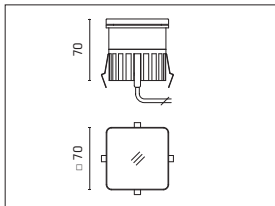
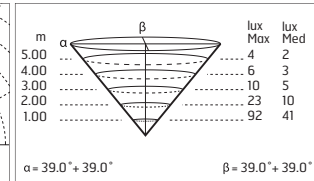
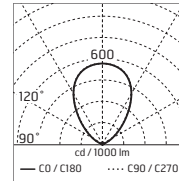
WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 ≠ lm OUTPUT 308
CRI >80
Remote electronic power supply
to be ordered

Tapioca Power LED / 70x70mm - Sandblasted Glass



100180125 A A+ A++

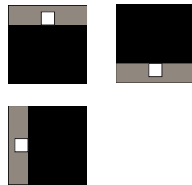
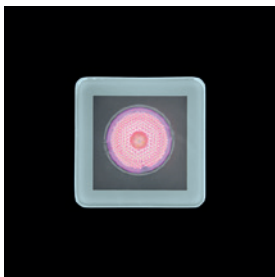
NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 461 ≠ lm OUTPUT 162
CRI >80
Remote electronic power supply
to be ordered



100179125 A A+ A++

WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
lm LED 433 ≠ lm OUTPUT 158
CRI >80
Remote electronic power supply
to be ordered

Tapioca RGB Power LED / 70x70mm - Sandblasted Glass



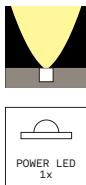
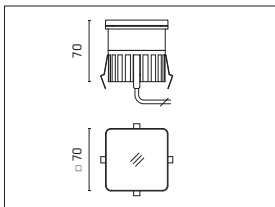
100174125 A A+ A++

RGB
POWER LED
3,4W/3Chx350mA
Total power 3,4W
Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

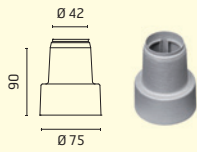
>> See Page 516
Wiring Diagram n.5



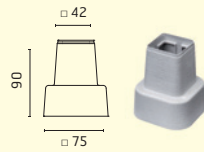


Accessories: Tapioca

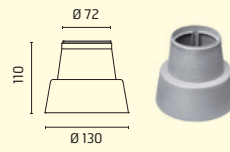
98
BOX FOR INSTALLATION
Ø 75 H 90mm



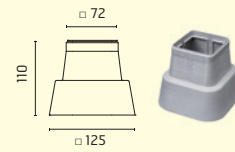
99
BOX FOR INSTALLATION
75 x 75 H 90mm



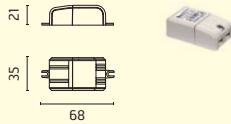
101
BOX FOR INSTALLATION
Ø 130 H 110mm



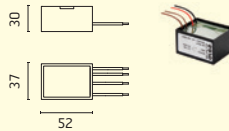
102
BOX FOR INSTALLATION
125 x 125 H 110mm



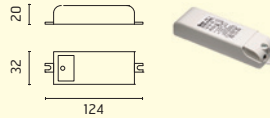
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



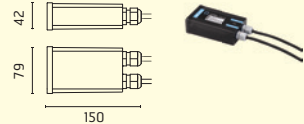
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



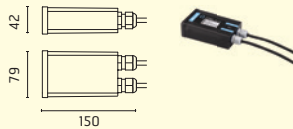
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



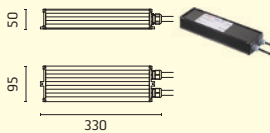
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



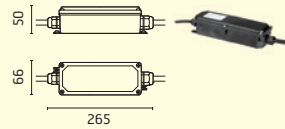
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



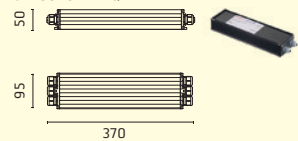
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



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



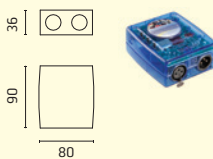
141
POWER SUPPLY WITH DMX INTERFACE FOR
RGB FIXTURES 36W/220÷240V-3Chx350mA
(3Chx10x1W) DMX CONTROL ALLOWED IP67
CLASS I SELV EQ.



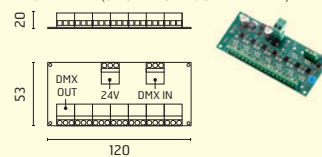
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



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.



| acc. code ▶ | 98 | 99 | 101 | 102 | 150 | 106 | 87 | 175 | 147 | 155 | 110 | 141 | 142 | 143 | 187 | 186 |
|--------------|----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | | | | | |
| 10017412 | | | ● | | | | | | | | | 10* | ● | ● | ● | ● |
| 10017427 | | | ● | | | | | | | | | 10* | ● | ● | ● | ● |
| 10017440 | | | ● | | | | | | | | | 10* | ● | ● | ● | ● |
| 10017441 | | | | ● | | | | | | | | 10* | ● | ● | ● | ● |
| 10017600 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017612 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017640 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017641 | | ● | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017700 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017712 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017740 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017741 | | ● | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 10017912 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 10017927 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 10017940 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 10017941 | | | | ● | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 10018012 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 10018027 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 10018040 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 10018041 | | | | ● | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100174121 | | | ● | | | | | | | | | 10* | ● | ● | ● | ● |
| 100174122 | | | ● | | | | | | | | | 10* | ● | ● | ● | ● |
| 100174123 | | | ● | | | | | | | | | 10* | ● | ● | ● | ● |
| 100174125 | | | | ● | | | | | | | | 10* | ● | ● | ● | ● |
| 100174132 | | | | ● | | | | | | | | 10* | ● | ● | ● | ● |
| 100176118 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100176119 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100176120 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100176124 | | ● | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100176133 | | ● | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100177118 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100177119 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100177120 | ● | | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100177124 | | ● | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100177133 | | ● | | | 1 | 1 | 4 | 4 | 5 | 14 | 29 | | | | | |
| 100179121 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100179122 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100179123 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100179125 | | | | ● | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100179132 | | | | ● | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100180121 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100180122 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100180123 | | | ● | | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100180125 | | | | ● | | | 1 | 1 | 2 | 6 | 12 | | | | | |
| 100180132 | | | | ● | | | 1 | 1 | 2 | 6 | 12 | | | | | |

Max fixtures for each power supply (Vin 220±240). Data in the chart are provided as a guide only. Please verify according to your installation.

* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.



- Square or round luminaire – for installation in-ground where recessing depth are limited (up to 120mm) – recessed.
- Configuration: die-cast aluminium structure, 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 sandblasted 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 piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. RGB version: the luminaire is equipped with 2 pieces of cable, no H2O STOP connector provided. Outdoor use requires suitable flexible cables. 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.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



.0 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 (RGB: pre-wired with 2x250mm cables)



Protection against water ingress from the cable (not for RGB versions)



Static load: 2000Kg walk over (round version)
Static load: 3000Kg walk over (square version)



Drive over

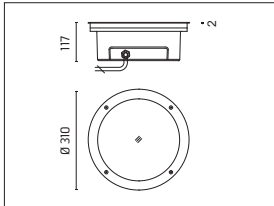
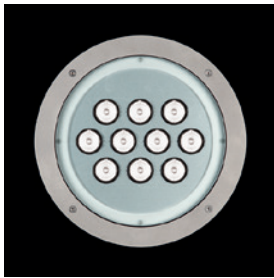


Glass surface temperature <70°C



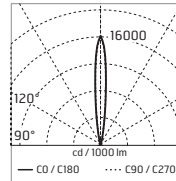
Protection against impact.
IK 09 - 10,00 joule

Cassiopea Power LED / Round Version - Narrow Beam 10°



7518412 A A+ A++

NATURAL WHITE 4000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2664 ≠ lm OUTPUT 2156
 CRI >80
 Integral electronic power supply
 Dimmable on request



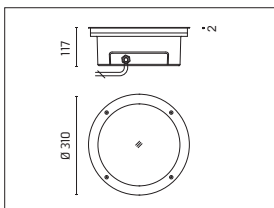
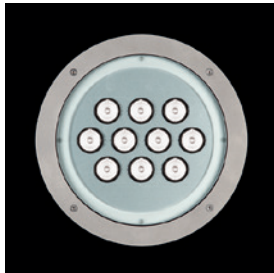
| m | lux | |
|------|-------|-------|
| | Max | Med |
| 5.00 | 1400 | 884 |
| 4.00 | 2188 | 1381 |
| 3.00 | 3890 | 2455 |
| 2.00 | 8753 | 5525 |
| 1.00 | 35011 | 22099 |

α = 5.0° + 5.0° β = 5.0° + 5.0°

7511312 A A+ A++

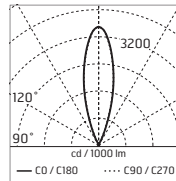
WARM WHITE 3000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2502 ≠ lm OUTPUT 2025
 CRI >80
 Integral electronic power supply
 Dimmable on request

Cassiopea Power LED / Round Version - Medium Beam 30°



7518413 A A+ A++

NATURAL WHITE 4000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2664 ≠ lm OUTPUT 2041
 CRI >80
 Integral electronic power supply
 Dimmable on request



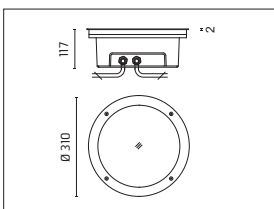
| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 287 | 173 |
| 4.00 | 449 | 270 |
| 3.00 | 798 | 479 |
| 2.00 | 1795 | 1079 |
| 1.00 | 7181 | 4314 |

α = 15.0° + 15.0° β = 15.0° + 15.0°

7511313 A A+ A++

WARM WHITE 3000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2502 ≠ lm OUTPUT 1917
 CRI >80
 Integral electronic power supply
 Dimmable on request

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



7518512 A A+ A++

RGB
 POWER LEDs
 34W/230V with DMX interface
 Total power 40W
 Integral electronic power supply

Wiring diagram and installation scheme RGB

>> See Page 517
 Wiring Diagram n.8

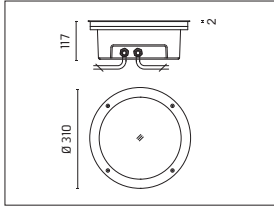
Cassiopea RGB Power LED / Round Version - Medium Beam 35°



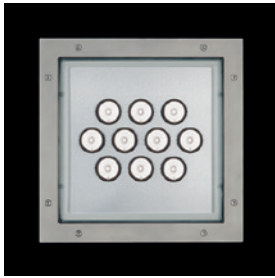
7518513 **A A+ A++**
RGB
POWER LEDs
34W/230V with DMX interface
Total power 40W
Integral electronic power supply

Wiring diagram and installation scheme RGB

>> See Page 517
Wiring Diagram n.8

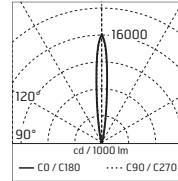


Cassiopea Power LED / Square Version - Narrow Beam 10°



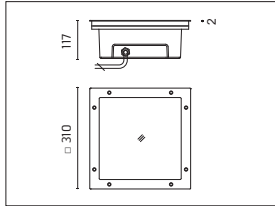
7618412 **A A+ A++**

NATURAL WHITE 4000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2664 ≠ lm OUTPUT 2156
 CRI >80
 Integral electronic power supply
 ..||| Dimmable on request



| m | lux | |
|------|-------|-------|
| | Max | Med |
| 5.00 | 1400 | 864 |
| 4.00 | 2188 | 1381 |
| 3.00 | 3890 | 2455 |
| 2.00 | 8753 | 5525 |
| 1.00 | 35011 | 22099 |

α = 5.0° + 5.0° β = 5.0° + 5.0°



7611312 **A A+ A++**

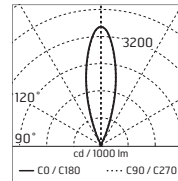
WARM WHITE 3000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2502 ≠ lm OUTPUT 2025
 CRI >80
 Integral electronic power supply
 ..||| Dimmable on request

Cassiopea Power LED / Square Version - Medium Beam 30°



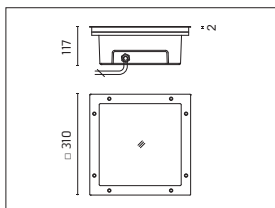
7618413 **A A+ A++**

NATURAL WHITE 4000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2664 ≠ lm OUTPUT 2041
 CRI >80
 Integral electronic power supply
 ..||| Dimmable on request



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 287 | 173 |
| 4.00 | 449 | 270 |
| 3.00 | 798 | 479 |
| 2.00 | 1795 | 1079 |
| 1.00 | 7181 | 4314 |

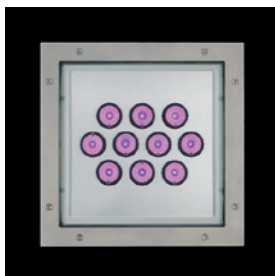
α = 15.0° + 15.0° β = 15.0° + 15.0°



7611313 **A A+ A++**

WARM WHITE 3000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2502 ≠ lm OUTPUT 1917
 CRI >80
 Integral electronic power supply
 ..||| Dimmable on request

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

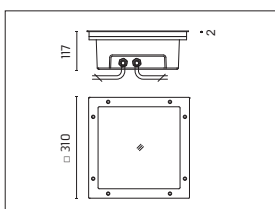


7618512 **A A+ A++**

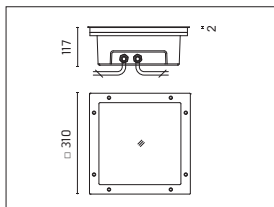
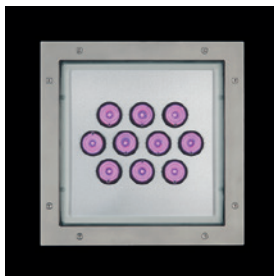
RGB
 POWER LEDs
 34W/230V with DMX interface
 Total power 40W
 Integral electronic power supply

Wiring diagram and installation scheme RGB

>> See Page 517
 Wiring Diagram n.8



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



7618513 **A A+ A++**
RGB
POWER LEDs
34W/230V with DMX interface
Total power 40W
Integral electronic power supply

Wiring diagram and installation scheme RGB

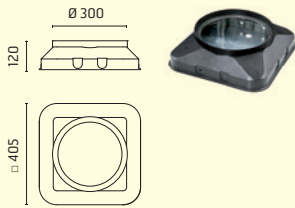
>> See Page 517
Wiring Diagram n.8



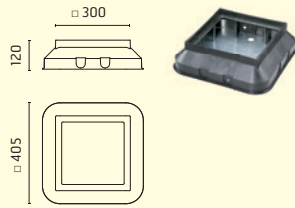


Accessories: Cassiopea

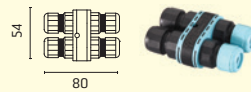
73
BOX FOR INSTALLATION
405 x 405 H 120mm



74
BOX FOR INSTALLATION
405 x 405 H 120mm



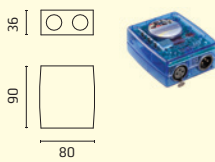
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



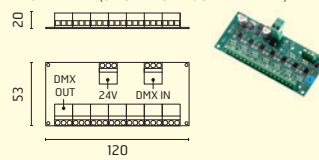
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



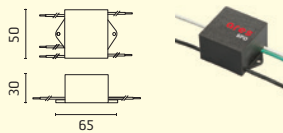
187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT
AND 7 OUTPUT. 12÷24Vdc POWER SUPPLY TO
BE ORDERED (87 OR 175 RECOMMENDED)



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



237
SPD: (SURGE PROTECTION DEVICE) 275V_{ac}
MAXIMUM DISCHARGE CURRENT 10kA (8/20 μ s)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 73 | 74 | 215 | 142 | 143 | 187 | 186 | 237 |
|--------------|----|----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | |
| 7511312 | • | | • | | | | | • |
| 7511313 | • | | • | | | | | • |
| 7518412 | • | | • | | | | | • |
| 7518413 | • | | • | | | | | • |
| 7518512 | • | | | • | • | • | • | • |
| 7518513 | • | | | • | • | • | • | • |
| 7611312 | | • | • | | | | | • |
| 7611313 | | • | • | | | | | • |
| 7618412 | | • | • | | | | | • |
| 7618413 | | • | • | | | | | • |
| 7618512 | | • | | • | • | • | • | • |
| 7618513 | | • | | • | • | • | • | • |



- Linear luminaire for installation in ground or ceiling – recessed.
- Configuration: extruded aluminium body and die-cast double closing end on each side. Glass diffuser: 8mm thick transparent or sandblasted with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- 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 sandblasted 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: fluorescent lamp: II; LED module: I; RGB module: II
- Installation: the electrical components are installed on a removable frame. Wiring through two plastic M20 cable glands (6xø<12mm cables) placed on one of the two closing ends where a plastic box allows connection to the removable electric module. RGB version: the luminaire is equipped with two pieces 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 >200mm 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.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A
A+

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

FLUORESCENT VERSION:
Class A+
T16/G5



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

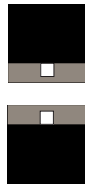
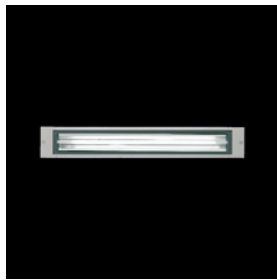


Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation
Glass surface temperature <70°C for LED source



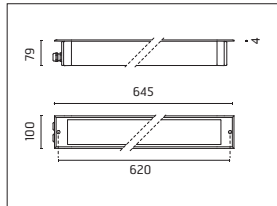
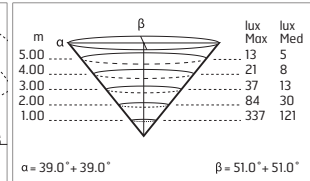
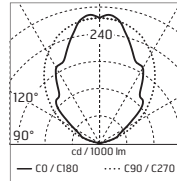
Protection against impact.
IK 09 - 10,00 joule

Cielo / L 645 mm - Transparent Glass - Symmetric Optic

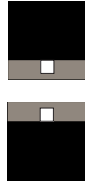


944213

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

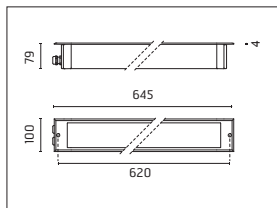
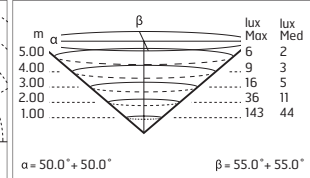
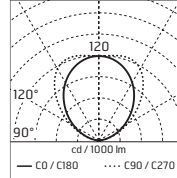


Cielo / L 645 mm - Sandblasted Glass - Symmetric Optic

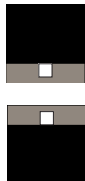


944257

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

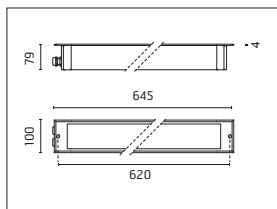
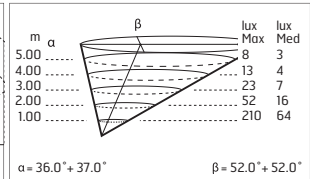
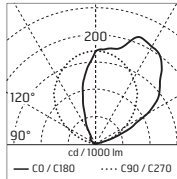


Cielo / L 645 mm - Transparent Glass - Asymmetric Optic

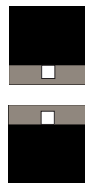
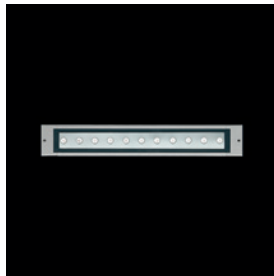


944214

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

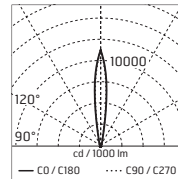


Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°



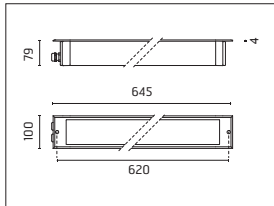
9418612 **A A+ A++**

NATURAL WHITE 4000K
POWER LEDs
13,2W/220÷240V
Total power 16W
lm LED 1560 ≈ lm OUTPUT 1423
CRI >80
Integral electronic power supply



| m | lux | |
|------|-------|------|
| | Max | Med |
| 5.00 | 637 | 397 |
| 4.00 | 995 | 621 |
| 3.00 | 1769 | 1104 |
| 2.00 | 3980 | 2484 |
| 1.00 | 15922 | 9936 |

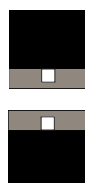
$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$



948312 **A A+ A++**

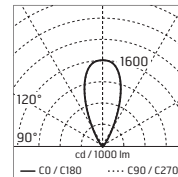
WARM WHITE 3000K
POWER LEDs
13,2W/220÷240V
Total power 16W
lm LED 1440 ≈ lm OUTPUT 1314
CRI >80
Integral electronic power supply

Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Medium Beam 45°



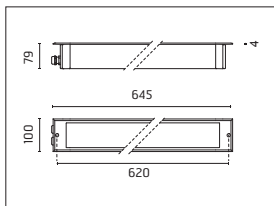
9418613 **A A+ A++**

NATURAL WHITE 4000K
POWER LEDs
13,2W/220÷240V
Total power 16W
lm LED 1560 ≈ lm OUTPUT 1248
CRI >80
Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 80 | 49 |
| 4.00 | 125 | 76 |
| 3.00 | 223 | 135 |
| 2.00 | 502 | 303 |
| 1.00 | 2007 | 1213 |

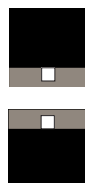
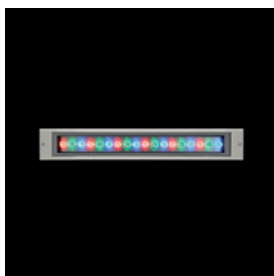
$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$



948313 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
13,2W/220÷240V
Total power 16W
lm LED 1440 ≈ lm OUTPUT 1152
CRI >80
Integral electronic power supply

Cielo RGB Power LED / L 645 mm - Sandblasted Glass

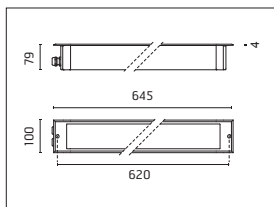


9418713 **A A+ A++**

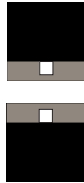
RGB
POWER LEDs
20,4W/220÷240V with DMX interface
Total power 26W
Integral electronic power supply

Wiring diagram and installation scheme RGB

>> See Page 517
Wiring Diagram n.8

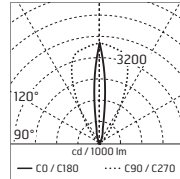


Cielo Power LED / L 645 mm - Transparent Glass - Adjustable Optic - Elliptical Beam



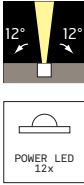
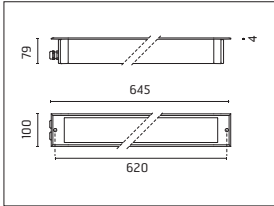
94186131

NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220=240V
 Total power 16W
 lm LED 1560 ≈ lm OUTPUT 1251
 CRI >80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 184 | 113 |
| 4.00 | 287 | 176 |
| 3.00 | 511 | 313 |
| 2.00 | 1149 | 704 |
| 1.00 | 4597 | 2816 |

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 27.0^\circ + 27.0^\circ$

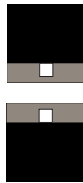


9483131

WARM WHITE 3000K
 POWER LEDs
 13,2W/220=240V
 Total power 16W
 lm LED 1440 ≈ lm OUTPUT 1155
 CRI >80
 Integral electronic power supply

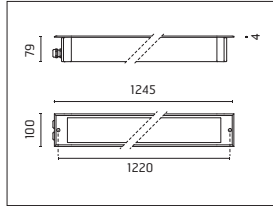
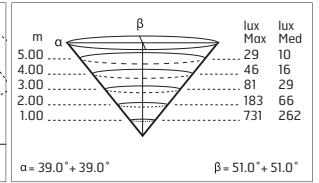
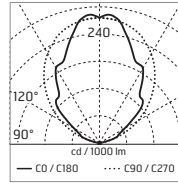


Cielo / L 1245 mm - Transparent Glass - Symmetric Optic

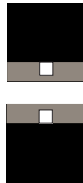
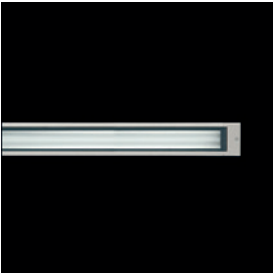


944813 A+

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

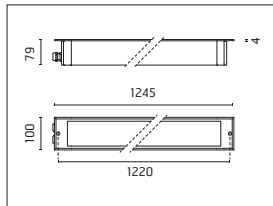
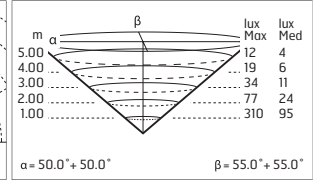
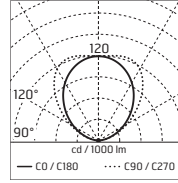


Cielo / L 1245 mm - Sandblasted Glass - Symmetric Optic

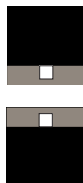


944857 A+

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

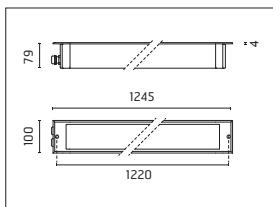
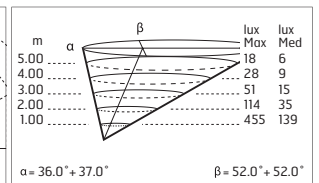
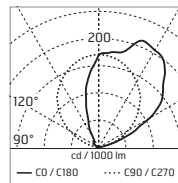


Cielo / L 1245 mm - Transparent Glass - Asymmetric Optic

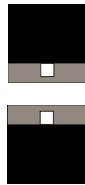
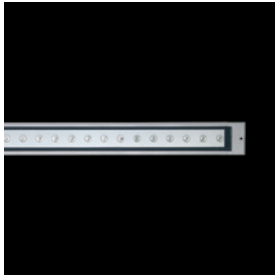


944814 A+

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

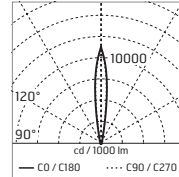


Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Narrow Beam 10°



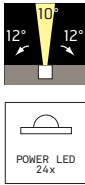
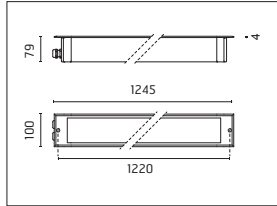
9418812 **A A+ A++**

NATURAL WHITE 4000K
POWER LEDs
26,4W/220÷240V
Total power 32W
lm LED 3120 ≈ lm OUTPUT 2847
CRI >80
Integral electronic power supply



| m | lux | |
|------|-------|-------|
| | Max | Med |
| 5.00 | 1274 | 795 |
| 4.00 | 1991 | 1242 |
| 3.00 | 3539 | 2209 |
| 2.00 | 7964 | 4970 |
| 1.00 | 31855 | 19878 |

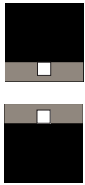
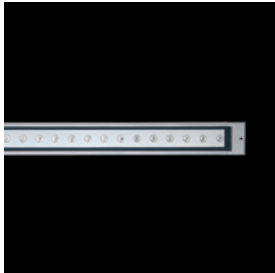
α = 6.0° + 6.0° β = 6.0° + 6.0°



948012 **A A+ A++**

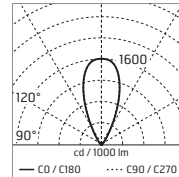
WARM WHITE 3000K
POWER LEDs
26,4W/220÷240V
Total power 32W
lm LED 2880 ≈ lm OUTPUT 2628
CRI >80
Integral electronic power supply

Cielo Power LED / L 1245 mm - Transparent Glass - Adjustable Optic - Medium Beam 45°



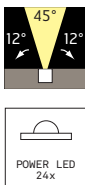
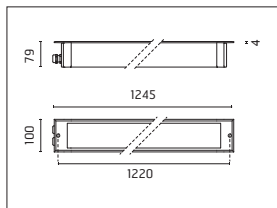
9418813 **A A+ A++**

NATURAL WHITE 4000K
POWER LEDs
26,4W/220÷240V
Total power 32W
lm LED 3120 ≈ lm OUTPUT 2495
CRI >80
Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 161 | 97 |
| 4.00 | 251 | 152 |
| 3.00 | 446 | 270 |
| 2.00 | 1004 | 607 |
| 1.00 | 4015 | 2426 |

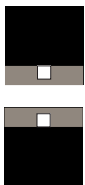
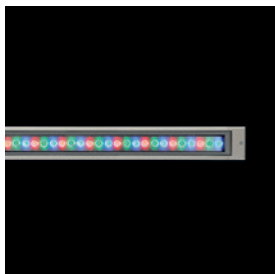
α = 22.0° + 22.0° β = 22.0° + 22.0°



948013 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
26,4W/220÷240V
Total power 32W
lm LED 2880 ≈ lm OUTPUT 2303
CRI >80
Integral electronic power supply

Cielo RGB Power LED / L 1245 mm - Sandblasted Glass

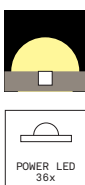
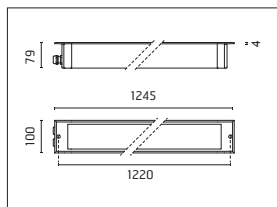


9418913 **A A+ A++**

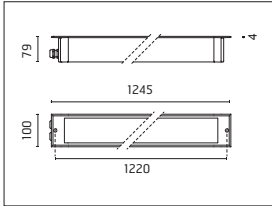
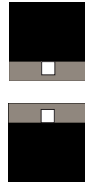
RGB
POWER LEDs
40,8W/220÷240V with DMX interface
Total power 44W
Integral electronic power supply

Wiring diagram and installation scheme RGB

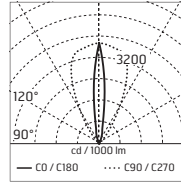
>> See Page 517
Wiring Diagram n.8



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



94188131
 NATURAL WHITE 4000K
 POWER LEDs
 26,4W/220+240V
 Total power 32W
 lm LED 3120 ≈ lm OUTPUT 2503
 CRI >80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 368 | 225 |
| 4.00 | 575 | 352 |
| 3.00 | 1022 | 626 |
| 2.00 | 2299 | 1408 |
| 1.00 | 9194 | 5632 |

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 27.0^\circ + 27.0^\circ$

9480131
 WARM WHITE 3000K
 POWER LEDs
 26,4W/220+240V
 Total power 32W
 lm LED 2880 ≈ lm OUTPUT 2310
 CRI >80
 Integral electronic power supply

Symmetric Optic - Transparent Glass



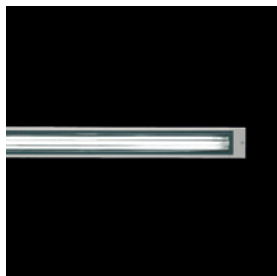
Sandblasted Glass



Asymmetric Optic - Transparent Glass

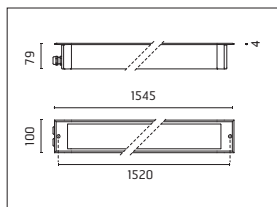
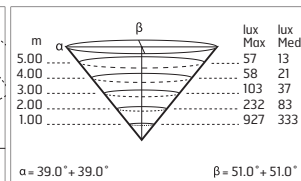
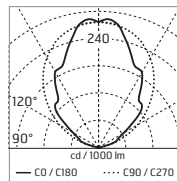


Cielo / L 1545 mm - Transparent Glass - Symmetric Optic



945413

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

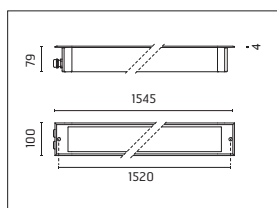
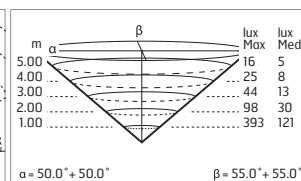
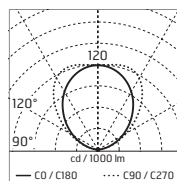


Cielo / L 1545 mm - Sandblasted Glass - Symmetric Optic



945457

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

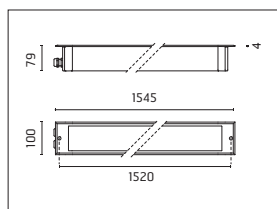
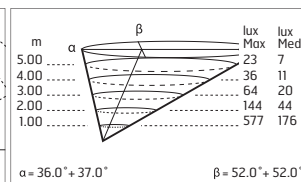
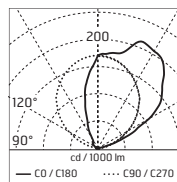


Cielo / L 1545 mm - Transparent Glass - Asymmetric Optic



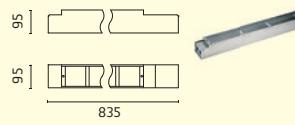
945414

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

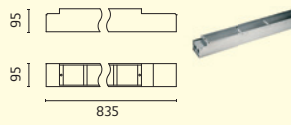


Accessories: Cielo

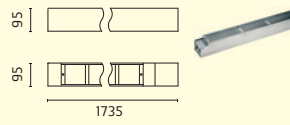
71
BOX FOR INSTALLATION
835 x 95 H 95mm



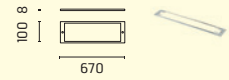
72
BOX FOR INSTALLATION
1435 x 95 H 95mm



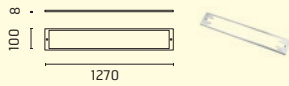
80
BOX FOR INSTALLATION
1735 x 95 H 95mm



81
FRAME FOR RECESSED INSTALLATION
IN THE CEILING. 670 x 100 x H 8mm



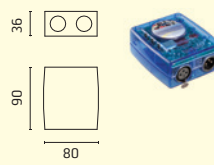
82
FRAME FOR RECESSED INSTALLATION
IN THE CEILING. 1270 x 100 x H 8mm



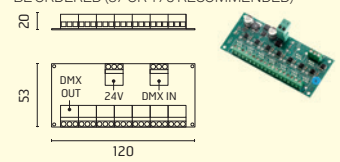
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



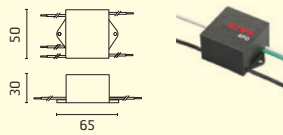
187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT
AND 7 OUTPUT. 12-24Vdc POWER SUPPLY TO
BE ORDERED (87 OR 175 RECOMMENDED)



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



237
SPD: (SURGE PROTECTION DEVICE) 275V_{ac}
MAXIMUM DISCHARGE CURRENT 10kA (8/20 μ s)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



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















- Round luminaire for installation on wall, ceiling or ground – recessed.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. AISI 316L or aluminium cap, open frame and cover (see the catalogue pages for reference). Diffuser: polycarbonate or methacrylate transparent or sandblasted (see the catalogue pages for reference).
- 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 sandblasted 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: the luminaire is equipped with a piece of cable for an easy-to-make connection. In-ground version: the cable is integrated with an H2O STOP device. Rho is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation in solid surfaces requires a dedicated box for installation to be purchased separately, installation in panels is only possible with the version with springs. It is important to provide for the in-ground version a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- 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.

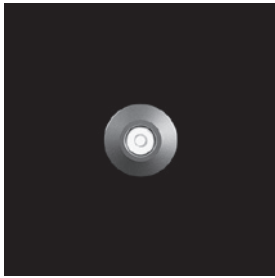
EU Regulation 874/2012 - Illumination equipment energy classes

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

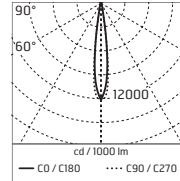


| | | | |
|---|--|---|--------------------------------------|
|  | Recessed ground fitting |  | Recessed wall fitting |
|  | Do not install in hollow areas |  | Recessed ceiling fitting |
|  | Installation requires a 20cm water drainage layer (gravel). |  | Pre-wired with approx 200mm of cable |
|  | Protection against water ingress from the cable (only for in-ground recessed versions) |  | Remote device required. |
|  | Static load: 500Kg walk over (version with frame) Static load: 2000Kg walk over (version with cover) |  | Glass surface temperature <70°C |
|  | 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°

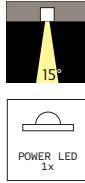
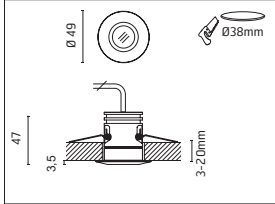


517112 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≠ lm OUTPUT 110
 CRI >80
 Remote electronic power supply
 to be ordered



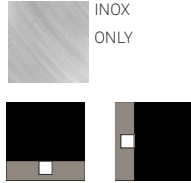
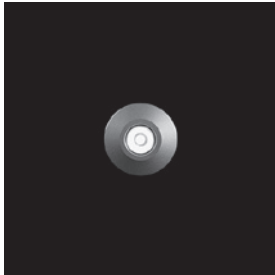
| m | lux | |
|------|------|-----|
| | Max | Med |
| 1.00 | 1398 | 927 |
| 2.00 | 349 | 232 |
| 3.00 | 155 | 103 |
| 4.00 | 87 | 58 |
| 5.00 | 56 | 37 |

$\alpha = 7.5^\circ + 7.5^\circ$ $\beta = 7.5^\circ + 7.5^\circ$

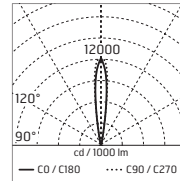


517113 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≠ lm OUTPUT 101
 CRI >80
 Remote electronic power supply
 to be ordered

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

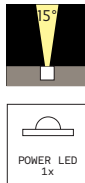
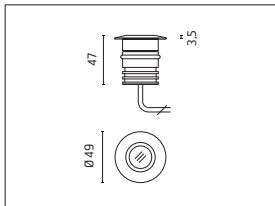


517002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≠ lm OUTPUT 110
 CRI >80
 Remote electronic power supply
 to be ordered



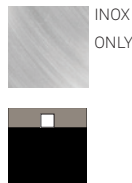
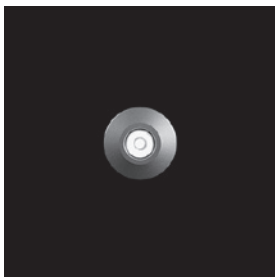
| m | lux | |
|------|------|-----|
| | Max | Med |
| 5.00 | 56 | 37 |
| 4.00 | 87 | 58 |
| 3.00 | 155 | 103 |
| 2.00 | 349 | 232 |
| 1.00 | 1398 | 927 |

$\alpha = 7.5^\circ + 7.5^\circ$ $\beta = 7.5^\circ + 7.5^\circ$

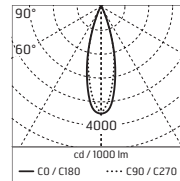


517003 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≠ lm OUTPUT 101
 CRI >80
 Remote electronic power supply
 to be ordered

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

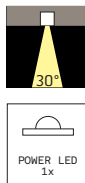
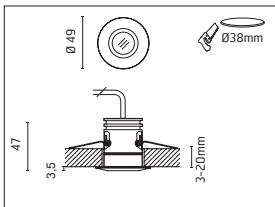


517122 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≠ lm OUTPUT 93
 CRI >80
 Remote electronic power supply
 to be ordered



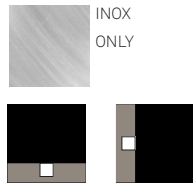
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 349 | 208 |
| 2.00 | 87 | 52 |
| 3.00 | 39 | 23 |
| 4.00 | 22 | 13 |
| 5.00 | 14 | 8 |

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

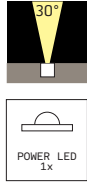
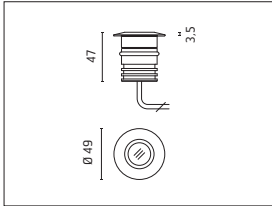
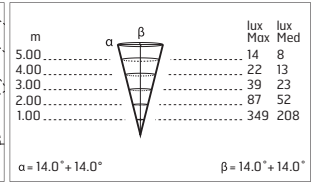
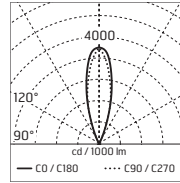


517123 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≠ lm OUTPUT 85
 CRI >80
 Remote electronic power supply
 to be ordered

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

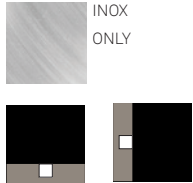


517012 A A+ A++
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≈ lm OUTPUT 93
 CRI >80
 Remote electronic power supply
 to be ordered

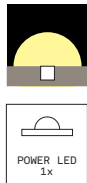
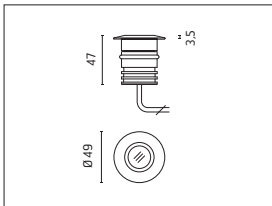
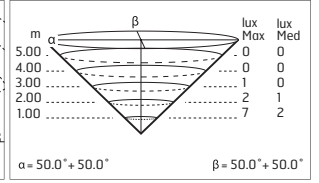
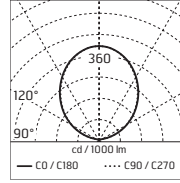


517013 A A+ A++
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≈ lm OUTPUT 85
 CRI >80
 Remote electronic power supply
 to be ordered

Rho Power LED / 316L Stainless Steel Frame - Polycarbonate Sandblasted Diffuser



517014 A A+ A++
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≈ lm OUTPUT 18
 CRI >80
 Remote electronic power supply
 to be ordered

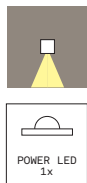
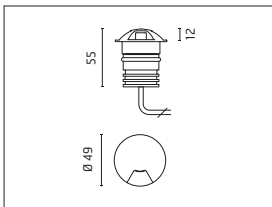
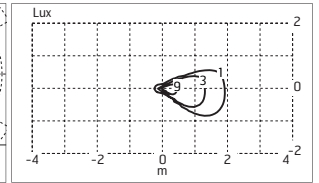
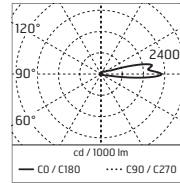


517015 A A+ A++
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≈ lm OUTPUT 17
 CRI >80
 Remote electronic power supply
 to be ordered

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

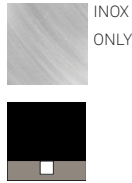
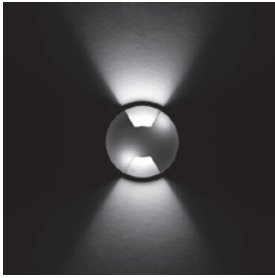


517022 A A+ A++
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≈ lm OUTPUT 12
 CRI >80
 Remote electronic power supply
 to be ordered

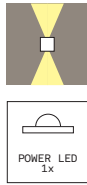
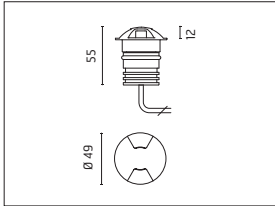
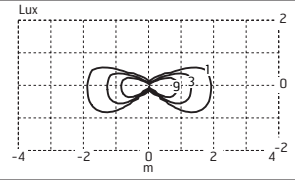
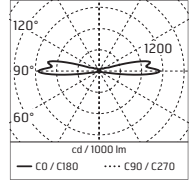


517023 A A+ A++
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≈ lm OUTPUT 11
 CRI >80
 Remote electronic power supply
 to be ordered

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

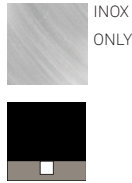


517032 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≠ lm OUTPUT 2x12
 CRI >80
 Remote electronic power supply
 to be ordered

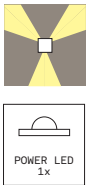
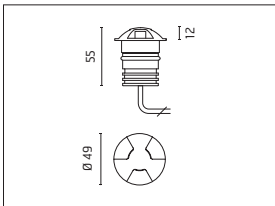
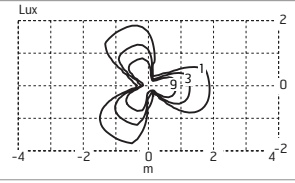
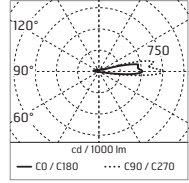


517033 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≠ lm OUTPUT 2x11
 CRI >80
 Remote electronic power supply
 to be ordered

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

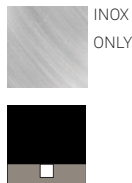


517042 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≠ lm OUTPUT 3x12
 CRI >80
 Remote electronic power supply
 to be ordered

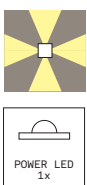
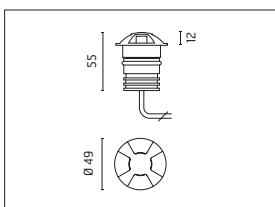
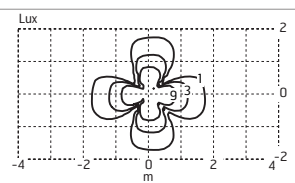
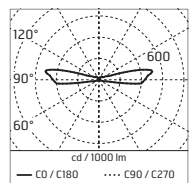


517043 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≠ lm OUTPUT 3x11
 CRI >80
 Remote electronic power supply
 to be ordered

Rho Power LED / 316L Stainless Steel Cover - Omnidirectional

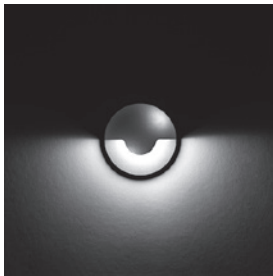


517052 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≠ lm OUTPUT 4x12
 CRI >80
 Remote electronic power supply
 to be ordered



517053 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≠ lm OUTPUT 4x11
 CRI >80
 Remote electronic power supply
 to be ordered

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

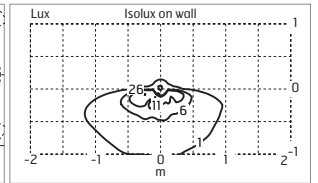
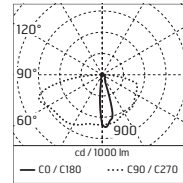
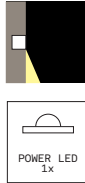
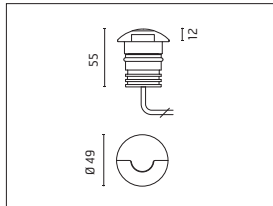


517062 A A+ A++

NATURAL WHITE 4000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 162 ≈ lm OUTPUT 42
CRI >80
Remote electronic power supply to be ordered

517063 A A+ A++

WARM WHITE 3000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 149 ≈ lm OUTPUT 39
CRI >80
Remote electronic power supply to be ordered



Rho Power LED / Round Methacrylate Diffuser - Version With Springs

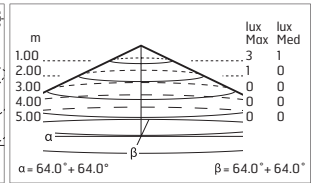
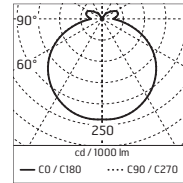
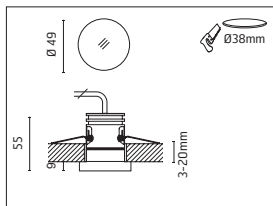


517132 A A+ A++

NATURAL WHITE 4000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 162 ≈ lm OUTPUT 13
CRI >80
Remote electronic power supply to be ordered

517133 A A+ A++

WARM WHITE 3000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 149 ≈ lm OUTPUT 12
CRI >80
Remote electronic power supply to be ordered



Rho Power LED / Round Methacrylate Diffuser

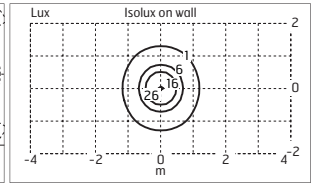
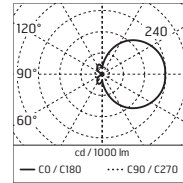
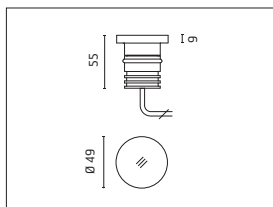


517072 A A+ A++

NATURAL WHITE 4000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 162 ≈ lm OUTPUT 13
CRI >80
Remote electronic power supply to be ordered

517073 A A+ A++

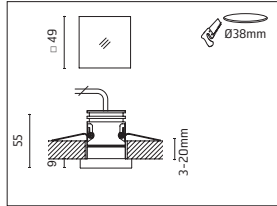
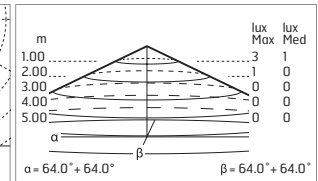
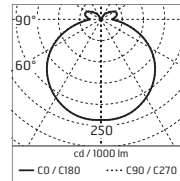
WARM WHITE 3000K
POWER LED
1,6W/12÷24Vdc
Total power 2,3W
lm LED 149 ≈ lm OUTPUT 12
CRI >80
Remote electronic power supply to be ordered



Rho Power LED / Square Methacrylate Diffuser - Version With Springs



517142 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≈ lm OUTPUT 13
 CRI >80
 Remote electronic power supply
 to be ordered



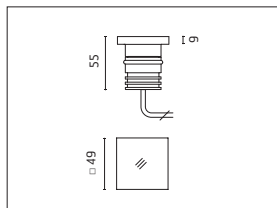
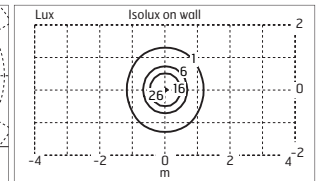
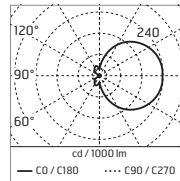
517143 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≈ lm OUTPUT 12
 CRI >80
 Remote electronic power supply
 to be ordered



Rho Power LED / Square Methacrylate Diffuser



517082 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≈ lm OUTPUT 13
 CRI >80
 Remote electronic power supply
 to be ordered



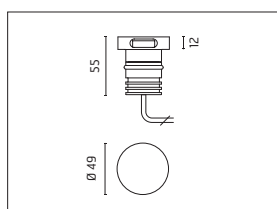
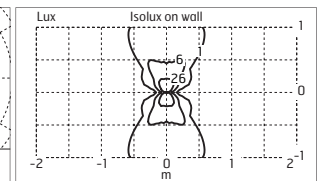
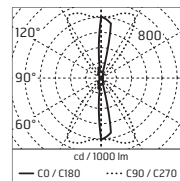
517083 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≈ lm OUTPUT 12
 CRI >80
 Remote electronic power supply
 to be ordered



Rho Power LED / Round Aluminium Frame



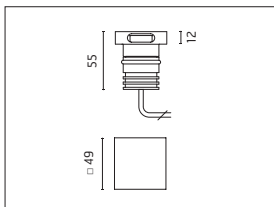
517092 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≈ lm OUTPUT 37
 CRI >80
 Remote electronic power supply
 to be ordered



517093 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≈ lm OUTPUT 34
 CRI >80
 Remote electronic power supply
 to be ordered



Rho Power LED / Square Aluminium Frame

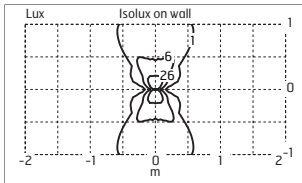
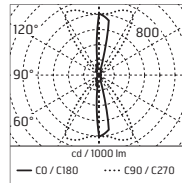


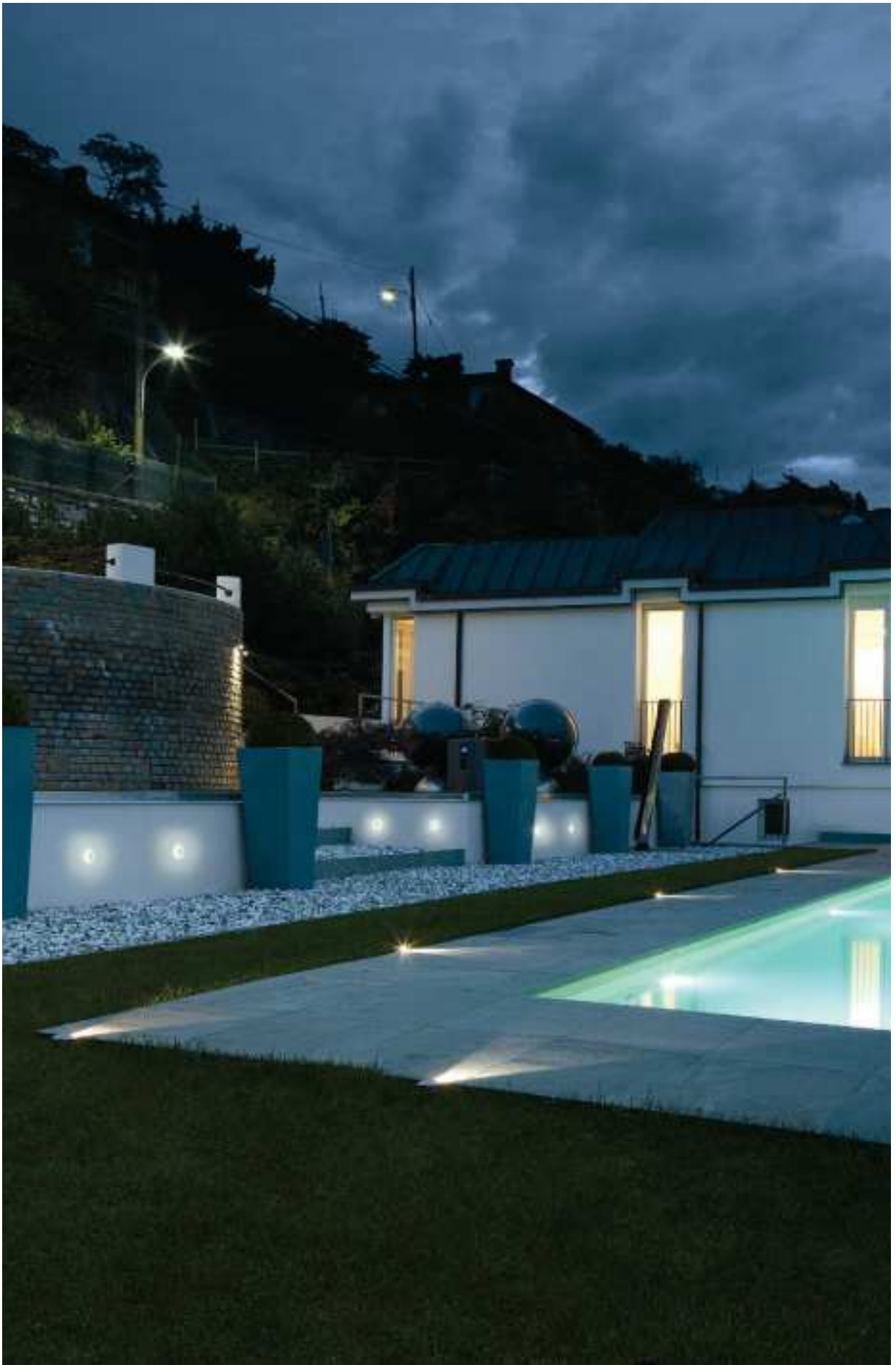
517102 A A+ A++

NATURAL WHITE 4000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 162 ≠ lm OUTPUT 37
 CRI >80
 Remote electronic power supply
 to be ordered

517103 A A+ A++

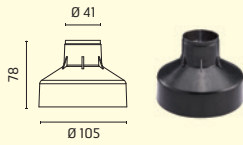
WARM WHITE 3000K
 POWER LED
 1,6W/12÷24Vdc
 Total power 2,3W
 lm LED 149 ≠ lm OUTPUT 34
 CRI >80
 Remote electronic power supply
 to be ordered





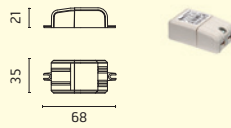
Accessories: Rho

169
BOX FOR INSTALLATION
Ø 105 H 78mm

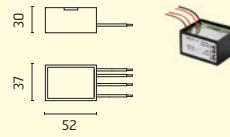


FOR IN-GROUND INSTALLATION
OR CONCRETE WALL

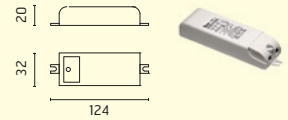
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



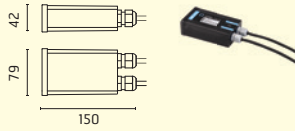
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



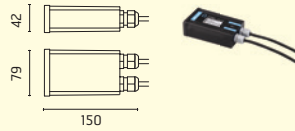
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



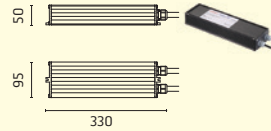
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



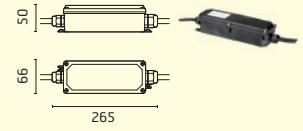
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



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



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



| acc. code ▶ | 169 | 150 | 106 | 87 | 175 | 147 | 155 | 110 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | |
| 517002 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517003 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517012 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517013 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517014 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517015 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517112 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517113 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517122 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517123 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517022 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517023 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517032 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517033 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517042 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517043 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517052 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517053 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517062 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517063 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517072 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517073 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517132 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517133 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517082 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517083 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517142 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517143 | | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517092 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517093 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517102 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |
| 517103 | ● | 1 | 1 | 4 | 4 | 5 | 14 | 29 |

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.















- Round luminaire for installation on wall, ceiling or ground – recessed.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. AISI 316L or aluminium cap, open frame and cover (see the catalogue pages for reference). Diffuser: polycarbonate or methacrylate transparent or sandblasted (see the catalogue pages for reference).
- 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 sandblasted 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: the luminaire is equipped with a piece of cable for an easy-to-make connection. In-ground version: the cable is integrated with an H2O STOP device. Sigma is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation in solid surfaces requires a dedicated box for installation to be purchased separately, installation in panels is only possible with the version with springs. It is important to provide for the in-ground version a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- 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 that cannot be replaced

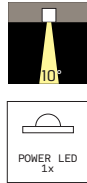
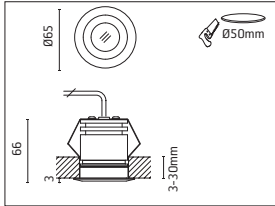
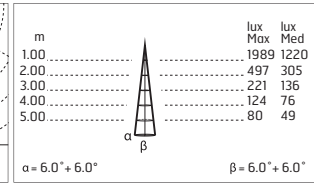
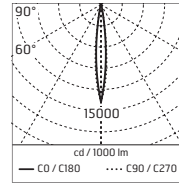


| | | | |
|---|--|---|--------------------------------------|
|  | Recessed ground fitting |  | Recessed wall fitting |
|  | Do not install in hollow areas |  | Recessed ceiling fitting |
|  | Installation requires a 20cm water drainage layer (gravel). |  | Pre-wired with approx 200mm of cable |
|  |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

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

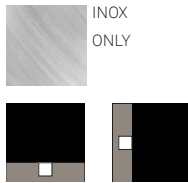


518005 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≠ lm OUTPUT 138
 CRI >80
 Remote electronic power supply
 to be ordered

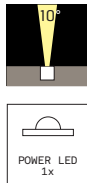
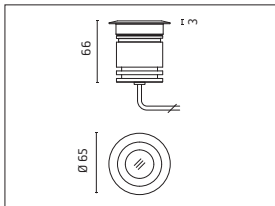
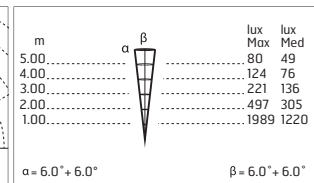
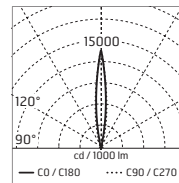


518006 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≠ lm OUTPUT 127
 CRI >80
 Remote electronic power supply
 to be ordered

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



518002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≠ lm OUTPUT 138
 CRI >80
 Remote electronic power supply
 to be ordered

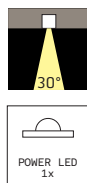
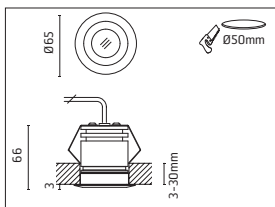
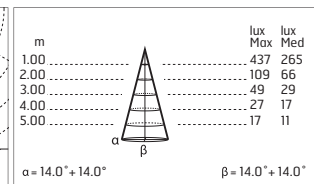
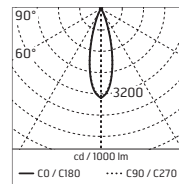


518003 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≠ lm OUTPUT 127
 CRI >80
 Remote electronic power supply
 to be ordered

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

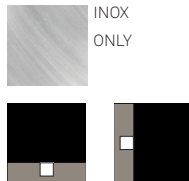


518008 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≠ lm OUTPUT 125
 CRI >80
 Remote electronic power supply
 to be ordered



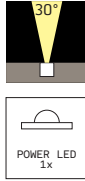
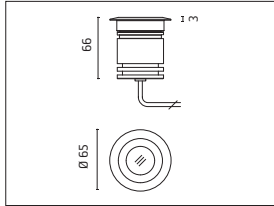
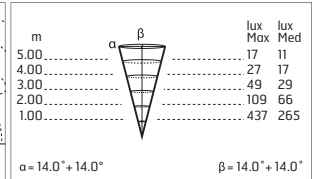
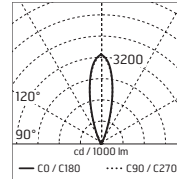
518009 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≠ lm OUTPUT 114
 CRI >80
 Remote electronic power supply
 to be ordered

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



518012 A A+ A++

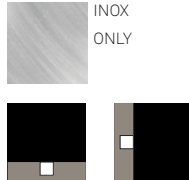
NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≈ lm OUTPUT 125
CRI >80
Remote electronic power supply to be ordered



518013 A A+ A++

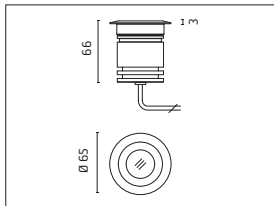
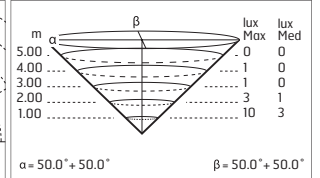
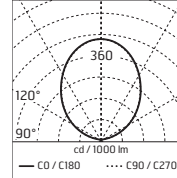
WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≈ lm OUTPUT 114
CRI >80
Remote electronic power supply to be ordered

Sigma Power LED / 316L Stainless Steel Frame - Polycarbonate Sandblasted Diffuser



518034 A A+ A++

NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≈ lm OUTPUT 24
CRI >80
Remote electronic power supply to be ordered



518035 A A+ A++

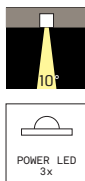
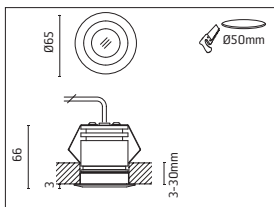
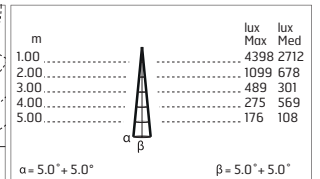
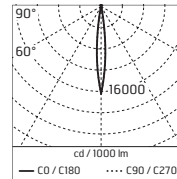
WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≈ lm OUTPUT 22
CRI >80
Remote electronic power supply to be ordered

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



518015 A A+ A++

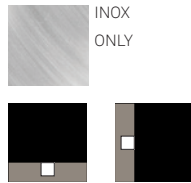
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 360 ≈ lm OUTPUT 258
CRI >80
Remote electronic power supply to be ordered



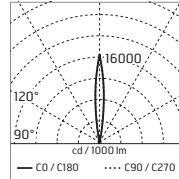
518016 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 330 ≈ lm OUTPUT 236
CRI >80
Remote electronic power supply to be ordered

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

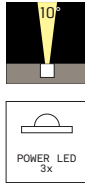
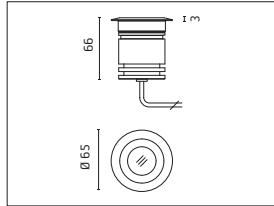


518022 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 360 ≈ lm OUTPUT 258
 CRI >80
 Remote electronic power supply to be ordered



| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 176 | 108 |
| 4.00 | 275 | 169 |
| 3.00 | 489 | 301 |
| 2.00 | 1099 | 678 |
| 1.00 | 4398 | 2712 |

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

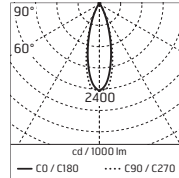


518023 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 330 ≈ lm OUTPUT 236
 CRI >80
 Remote electronic power supply to be ordered

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

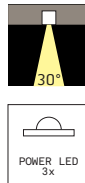
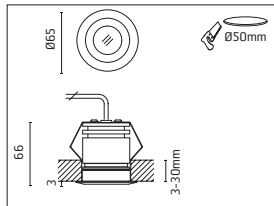


518025 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 360 ≈ lm OUTPUT 207
 CRI >80
 Remote electronic power supply to be ordered



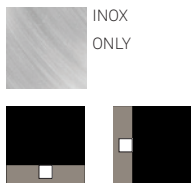
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 527 | 319 |
| 2.00 | 132 | 80 |
| 3.00 | 59 | 35 |
| 4.00 | 33 | 20 |
| 5.00 | 21 | 13 |

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

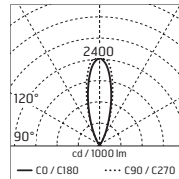


518026 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 330 ≈ lm OUTPUT 189
 CRI >80
 Remote electronic power supply to be ordered

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

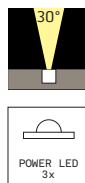
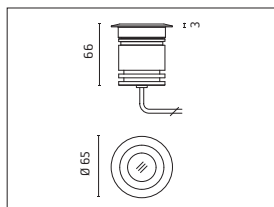


518032 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 360 ≈ lm OUTPUT 207
 CRI >80
 Remote electronic power supply to be ordered



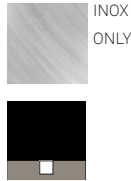
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 21 | 13 |
| 4.00 | 33 | 20 |
| 3.00 | 59 | 35 |
| 2.00 | 132 | 80 |
| 1.00 | 527 | 319 |

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

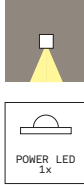
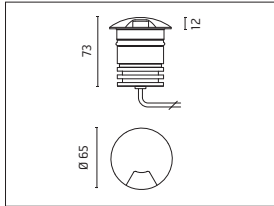
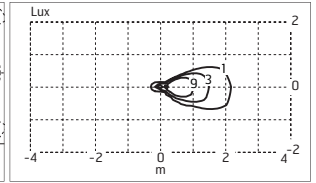
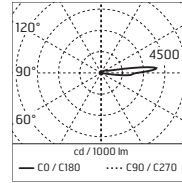


518033 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 330 ≈ lm OUTPUT 189
 CRI >80
 Remote electronic power supply to be ordered

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

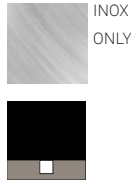
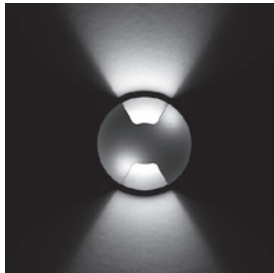


518042 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≈ lm OUTPUT 18
 CRI >80
 Remote electronic power supply
 to be ordered

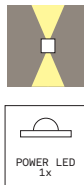
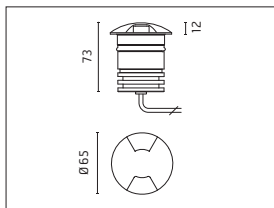
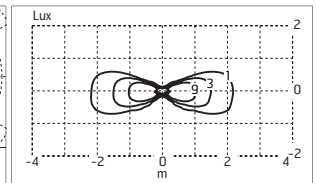
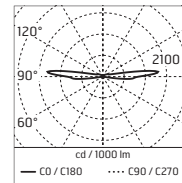


518043 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≈ lm OUTPUT 16
 CRI >80
 Remote electronic power supply
 to be ordered

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

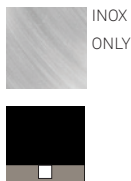
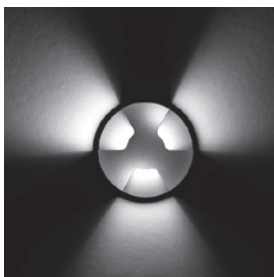


518052 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≈ lm OUTPUT 2x18
 CRI >80
 Remote electronic power supply
 to be ordered

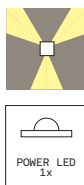
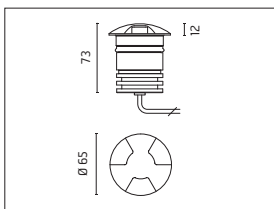
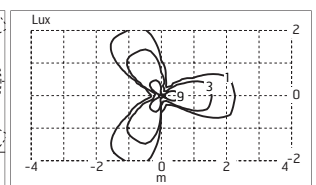
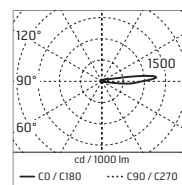


518053 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≈ lm OUTPUT 2x16
 CRI >80
 Remote electronic power supply
 to be ordered

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

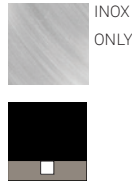
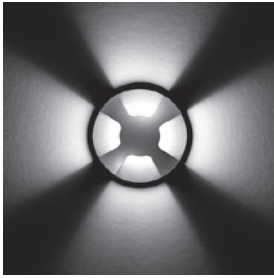


518062 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≈ lm OUTPUT 3x18
 CRI >80
 Remote electronic power supply
 to be ordered

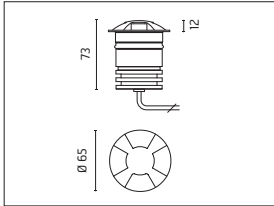
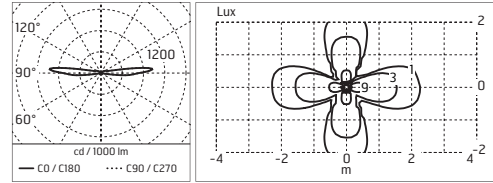


518063 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≈ lm OUTPUT 3x16
 CRI >80
 Remote electronic power supply
 to be ordered

Sigma Power LED / 316L Stainless Steel Cover - Omnidirectional

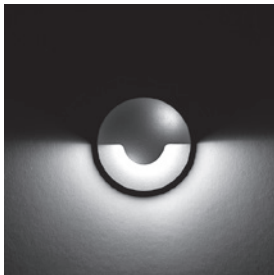


518072 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≈ lm OUTPUT 4x18
 CRI >80
 Remote electronic power supply
 to be ordered

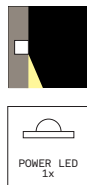
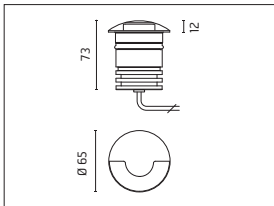
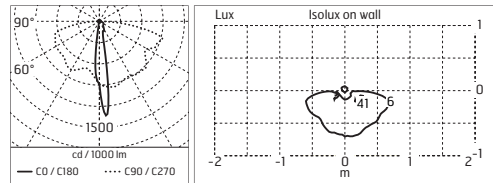


518073 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≈ lm OUTPUT 4x16
 CRI >80
 Remote electronic power supply
 to be ordered

Sigma Power LED / 316L Stainless Steel Cover - 180° emission



518082 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≈ lm OUTPUT 54
 CRI >80
 Remote electronic power supply
 to be ordered

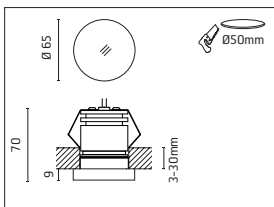
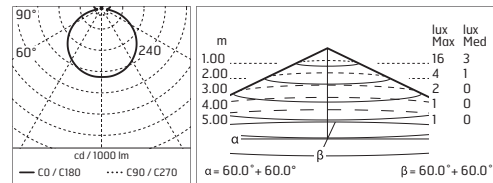


518083 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≈ lm OUTPUT 50
 CRI >80
 Remote electronic power supply
 to be ordered

Sigma Power LED / Version With Springs - Round Methacrylate Diffuser

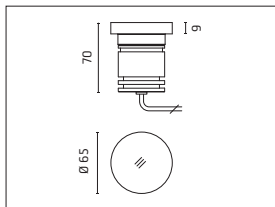


518085 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 360 ≈ lm OUTPUT 60
 CRI >80
 Remote electronic power supply
 to be ordered



518086 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 330 ≈ lm OUTPUT 55
 CRI >80
 Remote electronic power supply
 to be ordered

Sigma Power LED / Round Methacrylate Diffuser

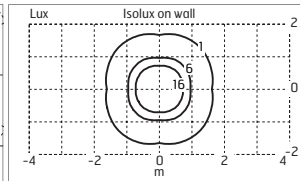
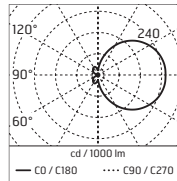


518092 A A+ A++

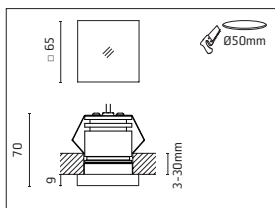
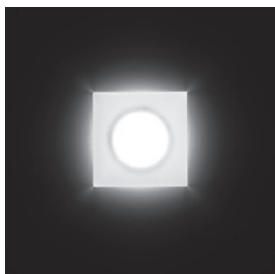
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 360 ≈ lm OUTPUT 60
CRI >80
Remote electronic power supply
to be ordered

518093 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 330 ≈ lm OUTPUT 55
CRI >80
Remote electronic power supply
to be ordered



Sigma Power LED / Version With Springs - Square Methacrylate Diffuser

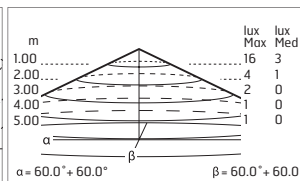
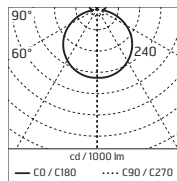


518095 A A+ A++

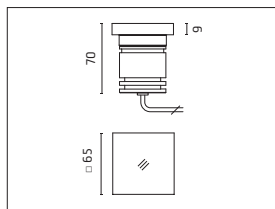
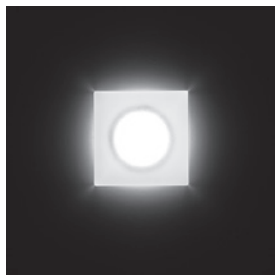
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 360 ≈ lm OUTPUT 60
CRI >80
Remote electronic power supply
to be ordered

518096 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 330 ≈ lm OUTPUT 55
CRI >80
Remote electronic power supply
to be ordered



Sigma Power LED / Square Methacrylate Diffuser

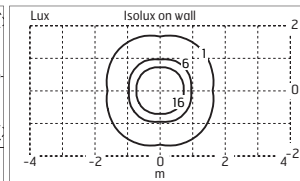
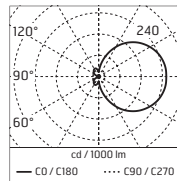


518102 A A+ A++

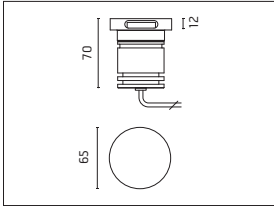
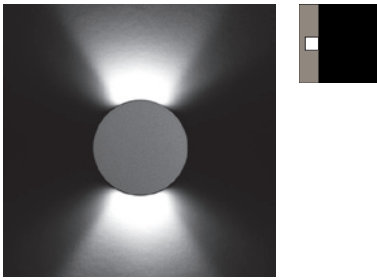
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 360 ≈ lm OUTPUT 60
CRI >80
Remote electronic power supply
to be ordered

518103 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 330 ≈ lm OUTPUT 55
CRI >80
Remote electronic power supply
to be ordered



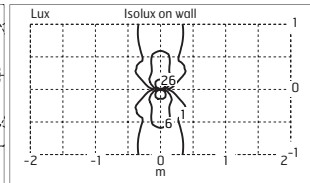
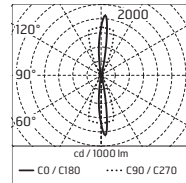
Sigma Power LED / Round Aluminium Frame



518112 **A A+ A++**

NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 \approx lm OUTPUT 31
CRI >80

Remote electronic power supply
to be ordered

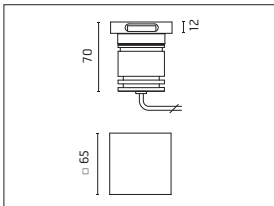
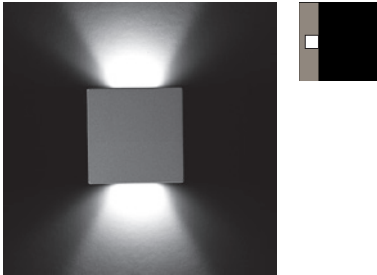


518113 **A A+ A++**

WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 \approx lm OUTPUT 29
CRI >80

Remote electronic power supply
to be ordered

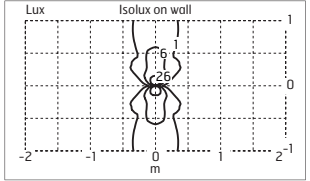
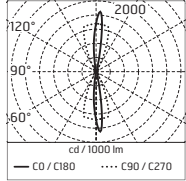
Sigma Power LED / Square Aluminium Frame



518122 **A A+ A++**

NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 \approx lm OUTPUT 31
CRI >80

Remote electronic power supply
to be ordered



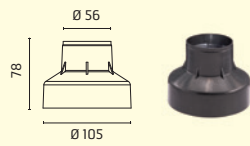
518123 **A A+ A++**

WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 \approx lm OUTPUT 29
CRI >80

Remote electronic power supply
to be ordered

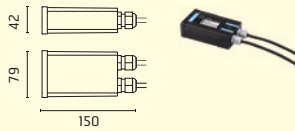
Accessories: Sigma

170
BOX FOR INSTALLATION
Ø 105 H 78mm

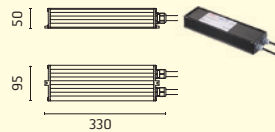


FOR IN-GROUND INSTALLATION
OR CONCRETE WALL

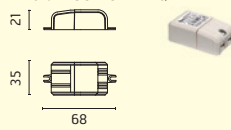
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



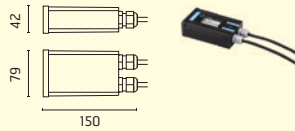
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



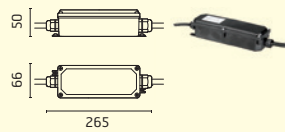
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



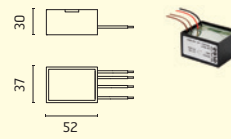
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



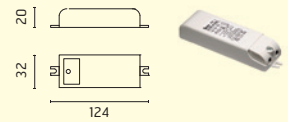
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



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.



| acc. code ▶ | 170 | 150 | 106 | 87 | 175 | 147 | 155 | 110 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | |
| 518002 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518003 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518005 | | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518006 | | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518008 | | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518009 | | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518012 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518013 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518015 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518016 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518022 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518023 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518025 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518026 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518032 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518033 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518034 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518035 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518042 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518043 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518052 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518053 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518062 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518063 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518072 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518073 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518082 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518083 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518085 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518086 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518092 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518093 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518095 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518096 | | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518102 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518103 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 518112 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518113 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518122 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 518123 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.













- Square luminaire for installation in-ground – recessed flush with the mounting surface.
- Configuration: die cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel frame. Glass diffuser: transparent or sandblasted.
- 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 sandblasted 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 a piece of cable with a 2-way connector for 3-conductor cables (H₂O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables. 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.

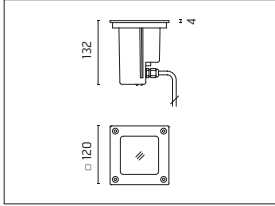
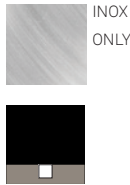
EU Regulation 874/2012 - Illumination equipment energy classes

- 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

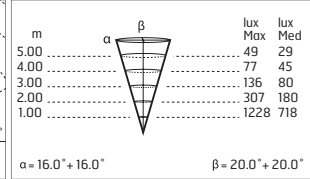
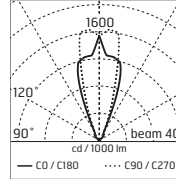


| | | | |
|---|---|---|--|
|  | Recessed ground fitting |  | Installation requires a 30cm water drainage layer (gravel) |
|  | Do not install in hollow areas |  | Pre-wired with approx 250mm of cable |
|  | Protection against water ingress from the cable |  | Remote device required |
|  | Static load: 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 |

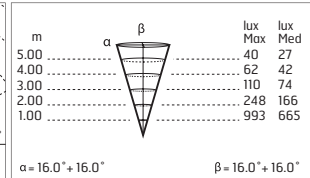
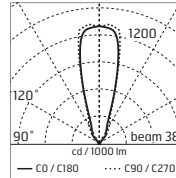
Bea / Stainless Steel Frame - Transparent Glass - Adjustable Optic



652815 **D**
 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

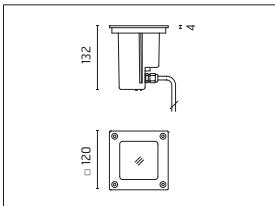
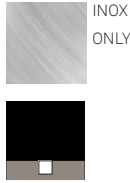


653315 **B**
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

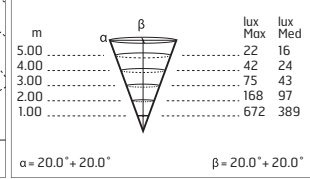
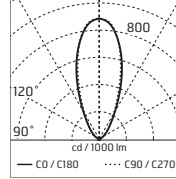


WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

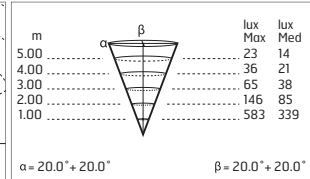
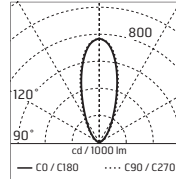
Bea / Stainless Steel Frame - Sandblasted Glass



652828 **D**
 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

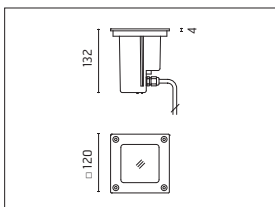
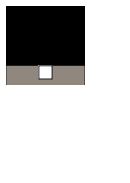
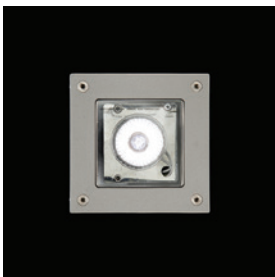


653328 **B**
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

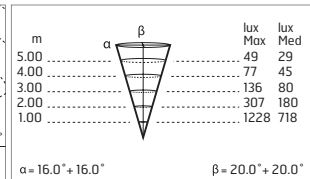
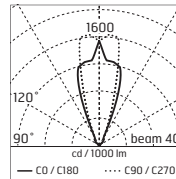


WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

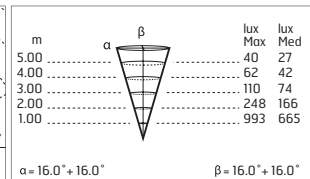
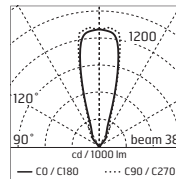
Bea / Aluminium Frame - Transparent Glass - Adjustable Optic



662815 **D**
 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

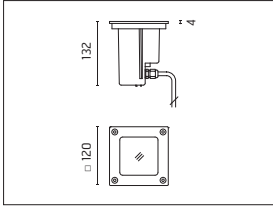
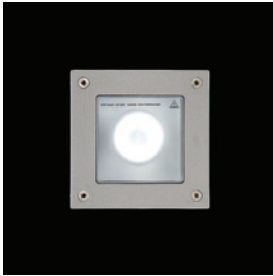


663315 **B**
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available



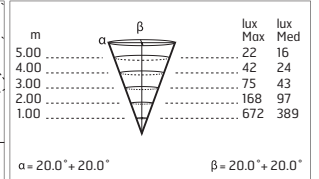
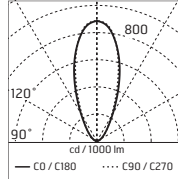
WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

Bea / Aluminium Frame - Sandblasted Glass



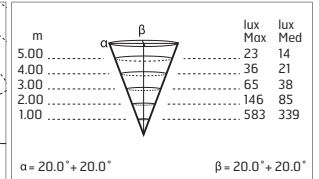
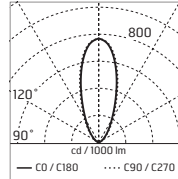
662823

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



663323

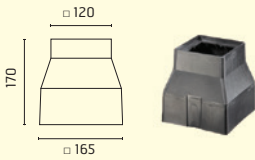
QR CBC 51 50W/12V GU5,3
T 180°C
Remote transformer to be ordered
Optional LED bulb **A**
DRR 6,5W/12V a.c. GU5,3
Lamp max size: Ø50 H.48
Remote transformer to be ordered
Photometric curve not available



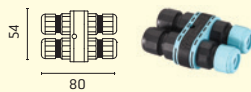
WARNING:
SELECT THE APPROPRIATE POWER SUPPLY
ACCORDING TO THE LED BULB.

Accessories: Bea

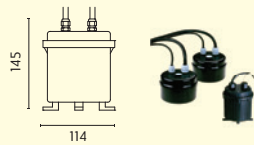
42
BOX FOR INSTALLATION
165 x 165 H 170mm



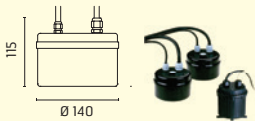
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



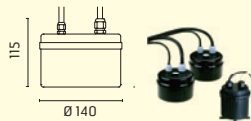
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



17
TRANSFORMER 200W
230V/12V 50Hz IP 66



18
TRANSFORMER 300W
230V/12V 50Hz IP 66



| acc. code | ▶ | 42 | 215 | 16 | 17 | 18 |
|------------|---|----|-----|----|----|----|
| prod. code | ▼ | | | | | |
| 652815 | | • | • | | | |
| 653315 | | • | • | • | • | • |
| 652828 | | • | • | | | |
| 653328 | | • | • | • | • | • |
| 662815 | | • | • | | | |
| 663315 | | • | • | • | • | • |
| 662823 | | • | • | | | |
| 663323 | | • | • | • | • | • |



- Round luminaire for installation on wall or ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L blasted stainless steel frame. Glass diffuser: Sandblasted with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- 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 sandblasted 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 a piece of cable for an easy-to-make connection. 220-230V version: the cable is supplied with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. 24V version: the cable is integrated with an H2O STOP device. Outdoor use requires suitable flexible cables. 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 that cannot be replaced



.0 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

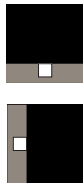
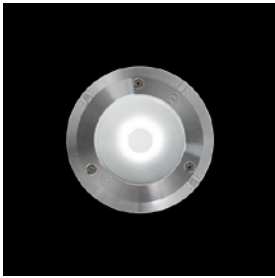


Glass surface temperature <70°C

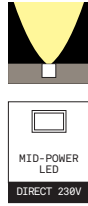
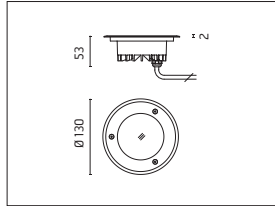
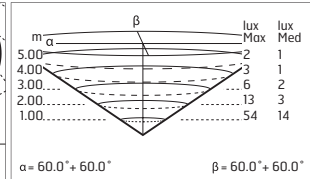
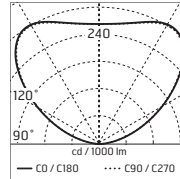


Protection against impact. IK 08 - 5,00 joule

Chiara Mid-Power LED / Stainless Steel Frame - Sandblasted Glass - Direct 230V

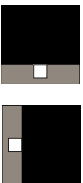
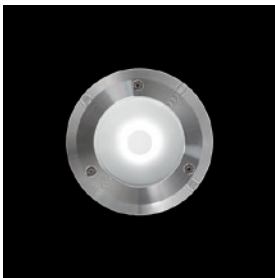


530007 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 3,5W/220-230V
 Total power 4W
 lm LED 400 \approx lm OUTPUT 199
 CRI>80
 LED module set up to work
 directly connected to the mains

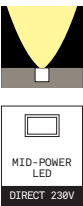
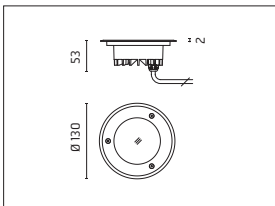
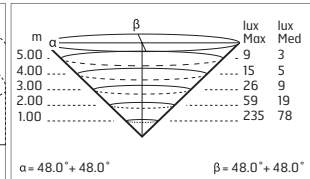
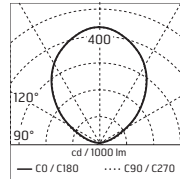


530008 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 3,5W/220-230V
 Total power 4W
 lm LED 380 \approx lm OUTPUT 189
 CRI>80
 LED module set up to work
 directly connected to the mains

Chiara Mid-Power LED / Stainless Steel Frame - Sandblasted Glass - Direct 230V



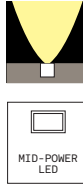
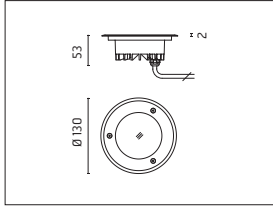
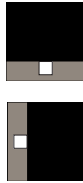
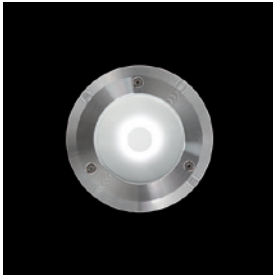
530002 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 6,5W/220-230V
 Total power 7W
 lm LED 555 \approx lm OUTPUT 479
 CRI>80
 LED module set up to work
 directly connected to the mains



530003 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 6,5W/220-230V
 Total power 7W
 lm LED 525 \approx lm OUTPUT 453
 CRI>80
 LED module set up to work
 directly connected to the mains



Chiara Mid-Power LED / Stainless Steel Frame - Sandblasted Glass - 24Vdc



530009 **A A+ A++**

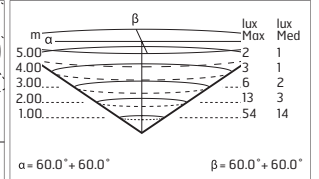
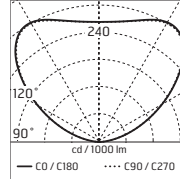
NATURAL WHITE 4000K
MID-POWER LEDs
3,5W/24Vdc
Total power 4W
lm LED 380 ≈ lm OUTPUT 200
CRI>80

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

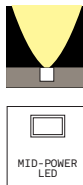
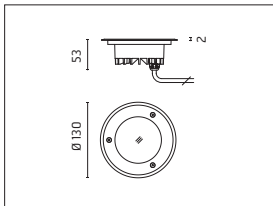
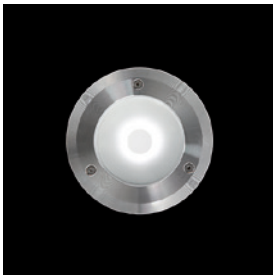
530010 **A A+ A++**

WARM WHITE 3000K
MID-POWER LEDs
3,5W/24Vdc
Total power 4W
lm LED 360 ≈ lm OUTPUT 190
CRI>80

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



Chiara Mid-Power LED / Stainless Steel Frame - Sandblasted Glass - 24Vdc



530005 **A A+ A++**

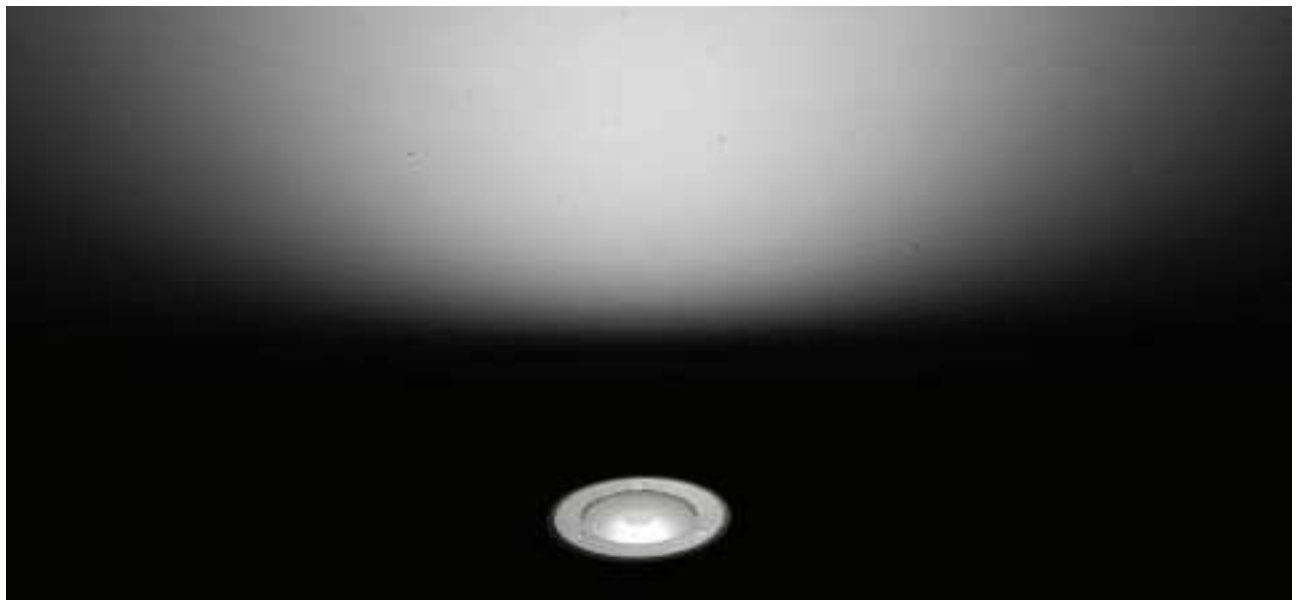
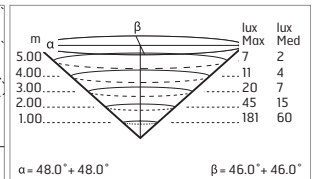
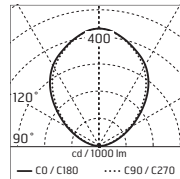
NATURAL WHITE 4000K
MID-POWER LEDs
6,5W/24Vdc
Total power 7,3W
lm LED 734 ≈ lm OUTPUT 394
CRI>80

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

530006 **A A+ A++**

WARM WHITE 3000K
MID-POWER LEDs
6,5W/24Vdc
Total power 7,3W
lm LED 707 ≈ lm OUTPUT 308
CRI>80

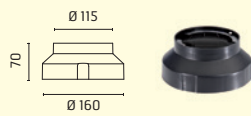
Remote electronic power supply to be ordered
...|||Acc. 144 or 176



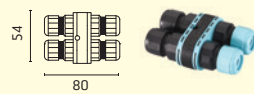


Accessories: Chiara

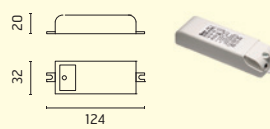
50
BOX FOR INSTALLATION
Ø 160 H 70mm



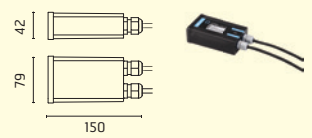
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



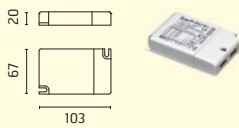
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



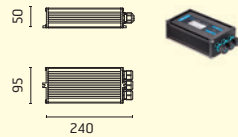
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



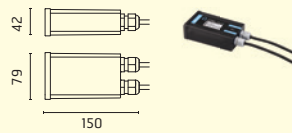
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



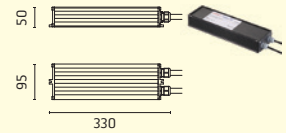
176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



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



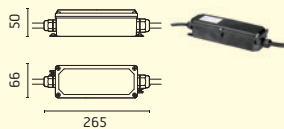
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



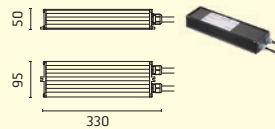
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

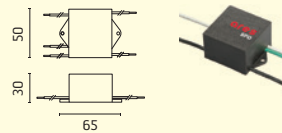
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 50 | 215 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 | 237 |
|--------------|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | |
| 530002 | • | • | | | | | | | | | • |
| 530003 | • | • | | | | | | | | | • |
| 530005 | • | | 1 | 1 | 2 | 2 | 2 | 7 | 9 | 12 | |
| 530006 | • | | 1 | 1 | 2 | 2 | 2 | 7 | 9 | 12 | |
| 530007 | • | • | | | | | | | | | • |
| 530008 | • | • | | | | | | | | | • |
| 530009 | • | | 2 | 2 | 4 | 4 | 4 | 12 | 16 | 21 | |
| 530010 | • | | 2 | 2 | 4 | 4 | 4 | 12 | 16 | 21 | |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.













- Round luminaire for installation on wall or ground - recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and aluminium or AISI 316L stainless steel frame. Glass diffuser: transparent or sandblasted.
- 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 sandblasted 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 a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables. 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.

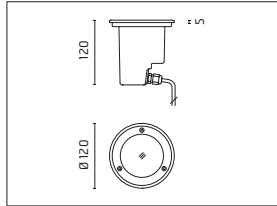
EU Regulation 874/2012 - Illumination equipment energy classes

- 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

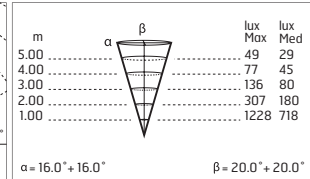
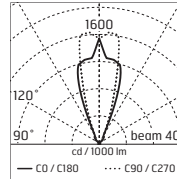


| | | | |
|---|---|---|---|
|  | Recessed ground fitting |  | Installation requires a 30cm water drainage layer (gravel) |
|  | Do not install in hollow areas |  | Protection against water ingress from the cable |
|  | Pre-wired with approx 250mm of cable |  | Static load: 1000Kg walk over (Ø 120mm) |
| | |  | Static load: 1500Kg walk over (Ø 130mm) |
|  | Remote device required |  | 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 | | |

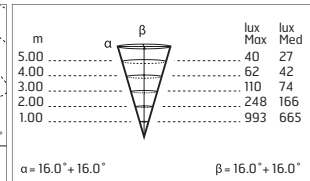
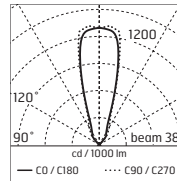
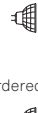
Clio / Ø 120mm - Aluminium Frame - Transparent Glass - Fixed Symmetric Optic



032856
 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

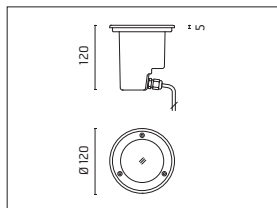


033356
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

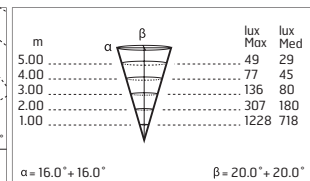
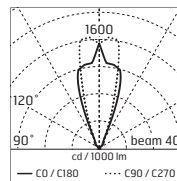


WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

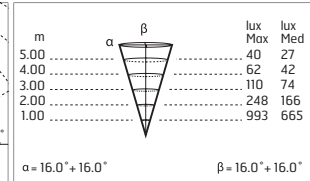
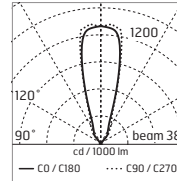
Clio / Ø 120mm - Aluminium Frame - Transparent Glass - Adjustable Optic



032815
 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

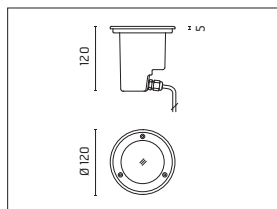


033315
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available

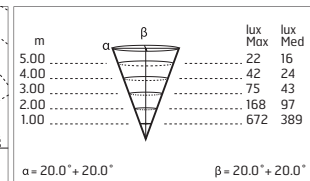
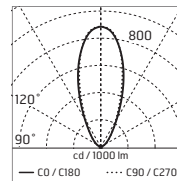


WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

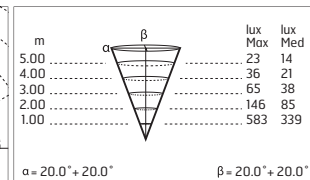
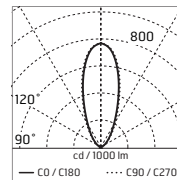
Clio / Ø 120mm - Aluminium Frame - Sandblasted Glass - Fixed Symmetric Optic



032823
 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



033323
 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

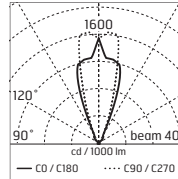


WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

Clio / Ø 130mm - Stainless Steel Frame - Transparent Glass - Fixed Symmetric Optic

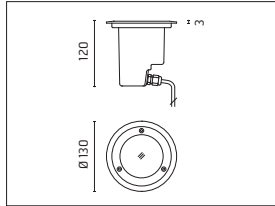


012856 **D**
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb **A**
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available

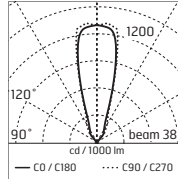


| m | lux | |
|------|------|-----|
| | Max | Med |
| 5.00 | 49 | 29 |
| 4.00 | 77 | 45 |
| 3.00 | 136 | 80 |
| 2.00 | 307 | 180 |
| 1.00 | 1228 | 718 |

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



013356 **B**
 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

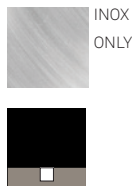


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 40 | 27 |
| 4.00 | 62 | 42 |
| 3.00 | 110 | 74 |
| 2.00 | 248 | 166 |
| 1.00 | 993 | 665 |

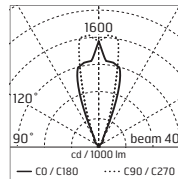
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

Clio / Ø 130mm - Stainless Steel Frame - Transparent Glass - Adjustable Optic

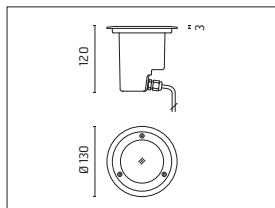


012815 **D**
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb **A**
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available

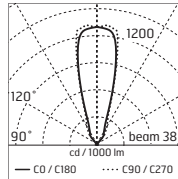


| m | lux | |
|------|------|-----|
| | Max | Med |
| 5.00 | 49 | 29 |
| 4.00 | 77 | 45 |
| 3.00 | 136 | 80 |
| 2.00 | 307 | 180 |
| 1.00 | 1228 | 718 |

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



013315 **B**
 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

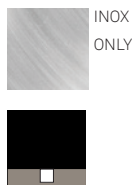


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 40 | 27 |
| 4.00 | 62 | 42 |
| 3.00 | 110 | 74 |
| 2.00 | 248 | 166 |
| 1.00 | 993 | 665 |

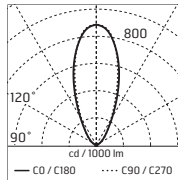
$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

WARNING:
 SELECT THE APPROPRIATE POWER SUPPLY
 ACCORDING TO THE LED BULB.

Clio / Ø 130mm - Stainless Steel Frame - Sandblasted Glass - Fixed Symmetric Optic

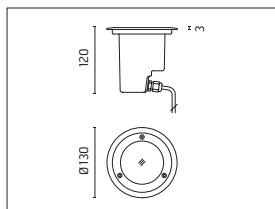


012828 **D**
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb **A**
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 H.58
 Photometric curve not available

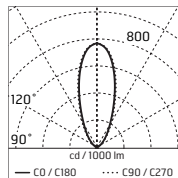


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 5.00 | 22 | 16 |
| 4.00 | 42 | 24 |
| 3.00 | 75 | 43 |
| 2.00 | 168 | 97 |
| 1.00 | 672 | 389 |

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



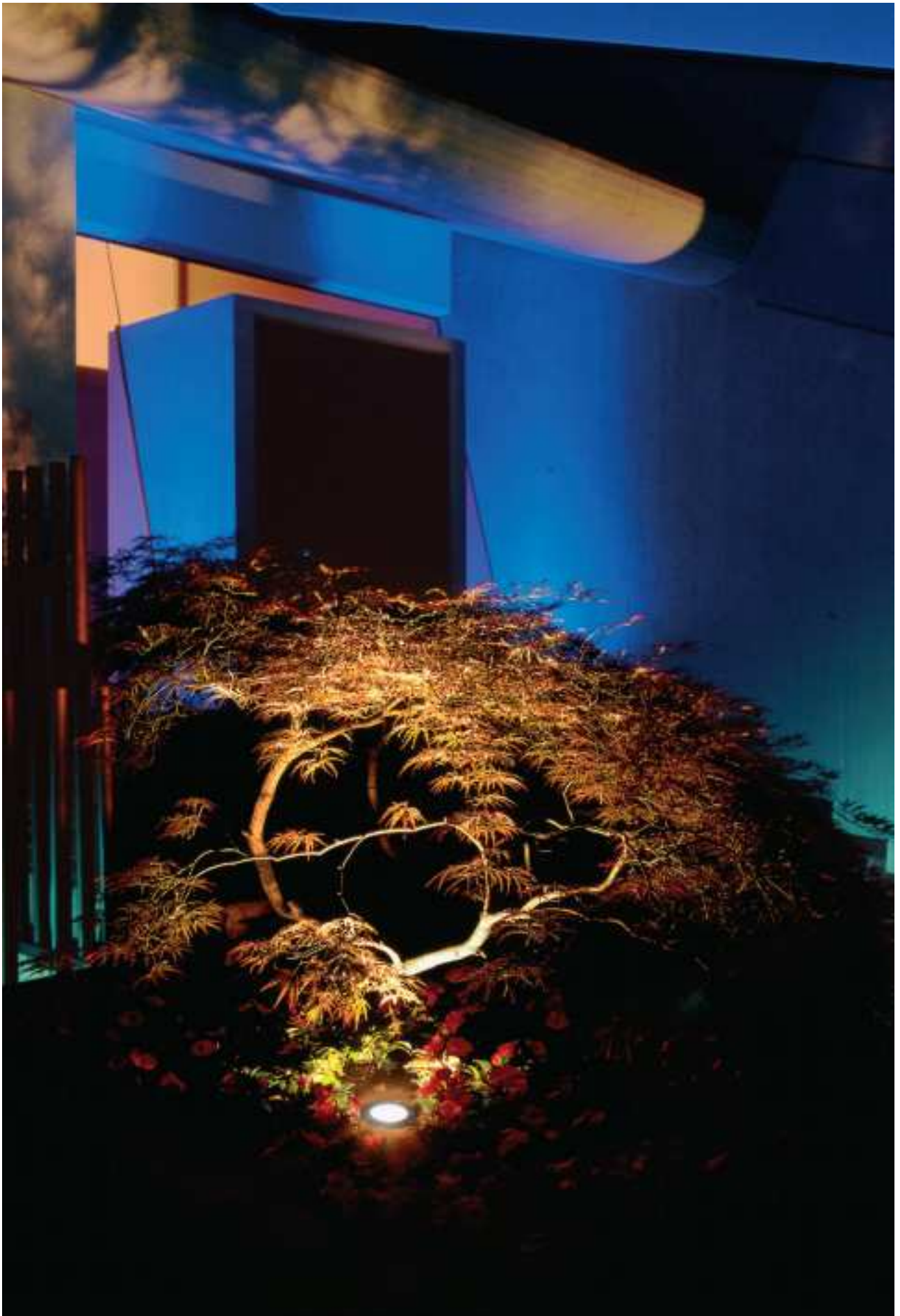
013328 **B**
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Remote transformer to be ordered
 Optional LED bulb **A**
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 H.48
 Remote transformer to be ordered
 Photometric curve not available



| 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.

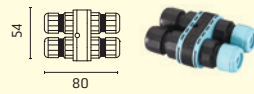


Accessories: Clio

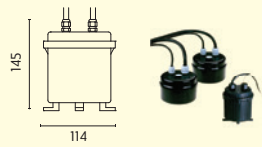
20
BOX FOR INSTALLATION
Ø 175 H 152mm



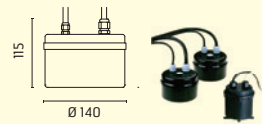
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



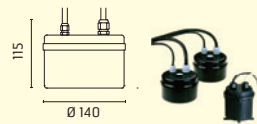
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



17
TRANSFORMER 200W
230V/12V 50Hz IP 66



18
TRANSFORMER 300W
230V/12V 50Hz IP 66



| acc. code ▶ | 20 | 215 | 16 | 17 | 18 |
|-------------|----|-----|----|----|----|
| 032856 | • | • | | | |
| 033356 | • | • | • | • | • |
| 032815 | • | • | | | |
| 033315 | • | • | • | • | • |
| 032823 | • | • | | | |
| 033323 | • | • | • | • | • |
| 012856 | • | • | | | |
| 013356 | • | • | • | • | • |
| 012815 | • | • | | | |
| 013315 | • | • | • | • | • |
| 012828 | • | • | | | |
| 013328 | • | • | • | • | • |




- Round luminaire for installation in-ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel frame. Glass diffuser: Tempered transparent or sandblasted glass.
- 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 sandblasted 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 piece of cable with a 2-way connector for 3-conductor cables (H₂O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables. 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.

EU Regulation 874/2012 - Illumination equipment energy classes










 **LED BULB VERSION:**
Class A+
DRRA/E27

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

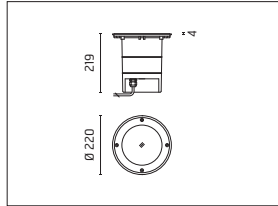
 **HALOGEN VERSION:**
Class D
QT32/E27



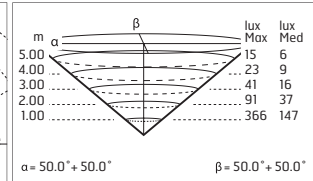
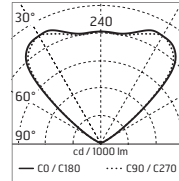
.0 Inox

| | | | |
|---|---|---|---|
|  | 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 |  | Static load: 2500Kg walk over (petra) Static load: 3000Kg walk over (maxi petra) |
|  | 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 | | |

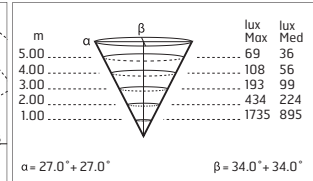
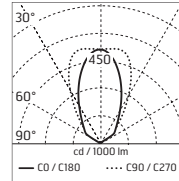
Petra / Symmetric Optic



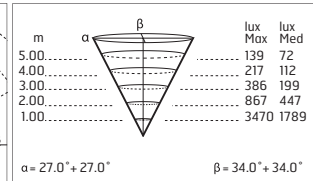
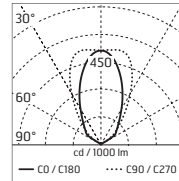
070113 D
 QT 32 100W E27
 T 190°C
 Optional LED bulb **A+**
 DRRA/C 13,5W E27
 Bulb max size: Ø62 H.116
 Photometric curve not available



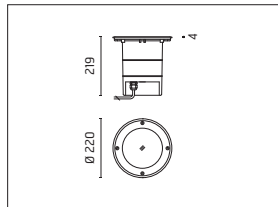
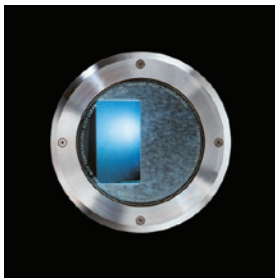
073513 A+
 HIT-CE 35W G12
 T 105°C



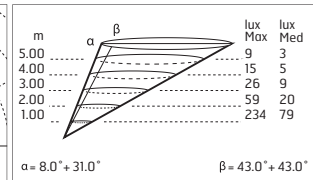
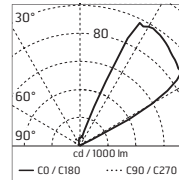
077113 A+
 HIT-CE 70W G12
 T 105°C



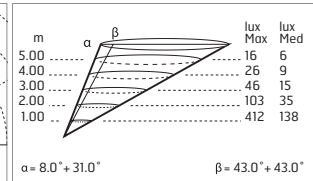
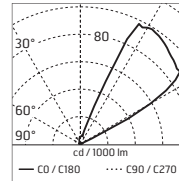
Petra / Asymmetric Optic



073514 A+
 HIT-CE 35W G12
 T 105°C



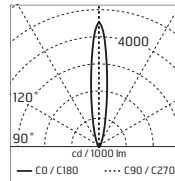
077114 A+
 HIT-CE 70W G12
 T 105°C



Petra / Adjustable Optic - Narrow Beam 15°

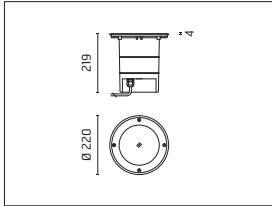


0735129 A+
HIT-CE 35W G12
T 105°C

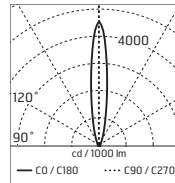


| m | lux | |
|------|-------|------|
| | Max | Med |
| 5.00 | 617 | 385 |
| 4.00 | 963 | 601 |
| 3.00 | 1713 | 1068 |
| 2.00 | 3853 | 2404 |
| 1.00 | 15413 | 9616 |

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



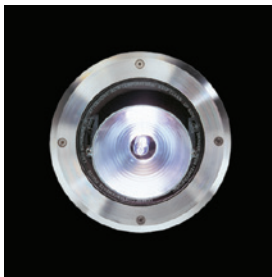
0771129 A+
HIT-CE 70W G12
T 105°C



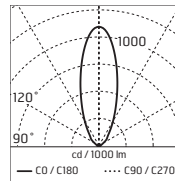
| m | lux | |
|------|-------|-------|
| | Max | Med |
| 5.00 | 1233 | 769 |
| 4.00 | 1927 | 1202 |
| 3.00 | 3425 | 2137 |
| 2.00 | 7706 | 4808 |
| 1.00 | 30825 | 19232 |

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

Petra / Adjustable Optic - Medium Beam 40°

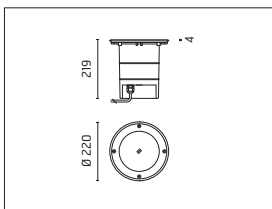


073515 A+
HIT-CE 35W G12
T 105°C

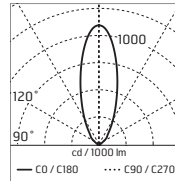


| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 148 | 87 |
| 4.00 | 232 | 136 |
| 3.00 | 412 | 241 |
| 2.00 | 928 | 543 |
| 1.00 | 3712 | 2173 |

$\alpha = 18.0^\circ + 18.0^\circ$ $\beta = 18.0^\circ + 18.0^\circ$



077115 A+
HIT-CE 70W G12
T 105°C

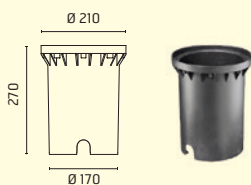


| m | lux | |
|------|------|------|
| | Max | Med |
| 5.00 | 297 | 174 |
| 4.00 | 464 | 272 |
| 3.00 | 825 | 483 |
| 2.00 | 1856 | 1086 |
| 1.00 | 7424 | 4346 |

$\alpha = 18.0^\circ + 18.0^\circ$ $\beta = 18.0^\circ + 18.0^\circ$

Accessories: Petra

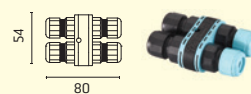
26
BOX FOR INSTALLATION
Ø 210 H 270mm



233
SANDBLASTED GLASS FOR PETRA
Ø 172mm



215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



| acc. code | ▶ | 26 | 233 | 215 |
|-----------|------------|----|-----|-----|
| | prod. code | ▼ | | |
| 070113 | | • | • | • |
| 0735129 | | • | • | • |
| 073513 | | • | • | • |
| 073514 | | • | • | • |
| 073515 | | • | • | • |
| 0771129 | | | | • |
| 077113 | | | | • |
| 077114 | | | | • |
| 077115 | | | | • |



- Round luminaire for installation in-ground – recessed.
- Configuration: AISI 316 deep-drawn stainless steel structure with milled AISI 316L stainless steel finish frame. Glass diffuser: transparent or sandblasted. The stainless steel structure allows installation in 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: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. LED 24V is equipped with a dc/dc highly efficient converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. 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.

EU Regulation 874/2012 - Illumination equipment energy classes

| | |
|--|---|
| | LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that 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 |



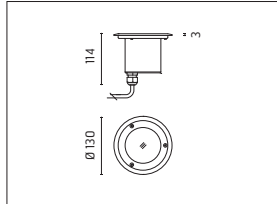
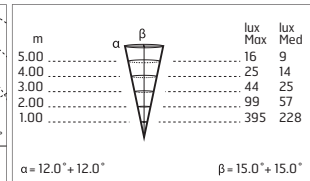
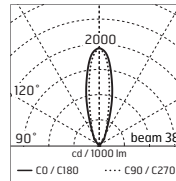
.0 Inox

| | | | |
|--|--|--|--|
| | 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 | | Protection against impact. |
| | Glass surface temperature <70°C for LED source | | IK 09 - 10,00 joule |

Idra / Ø 130mm - Transparent Glass - Adjustable Optic

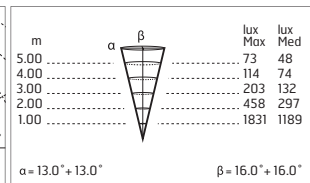
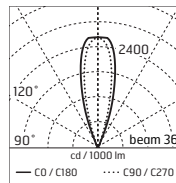


252815
 QPAR 51 35W/230V GU10
 T 132°C



253315
 QR CBC 51 35W/12V GU5,3
 T 132°C

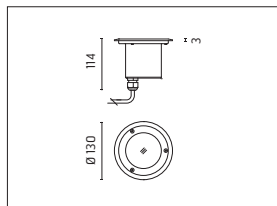
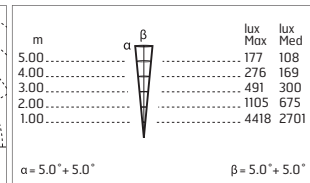
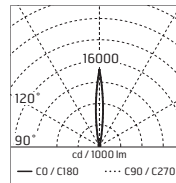
Remote transformer to be ordered



Idra Power LED / Ø 130mm - Transparent Glass - Symmetric Optic - Narrow Beam 10°



2517212
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 366 ≠ lm OUTPUT 309
 CRI>80
 Remote electronic power supply
 to be ordered

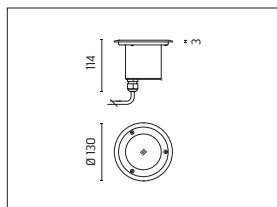
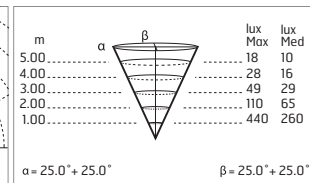
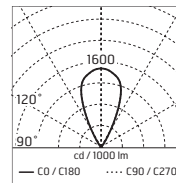


255612
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 330 ≠ lm OUTPUT 252
 CRI>80
 Remote electronic power supply
 to be ordered

Idra Power LED / Ø 130mm - Transparent Glass - Symmetric Optic - Wide Beam 50°

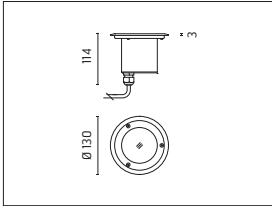
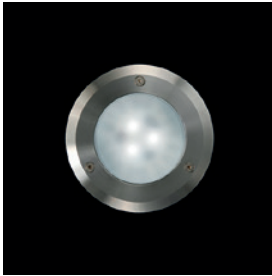


25172128
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 366 ≠ lm OUTPUT 299
 CRI>80
 Remote electronic power supply
 to be ordered



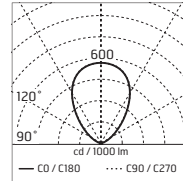
2556128
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 330 ≠ lm OUTPUT 281
 CRI>80
 Remote electronic power supply
 to be ordered

Idra Power LED / Ø 130mm - Sandblasted Glass - Symmetric Optic



2517228 **A A+ A++**

NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 342 ≈ lm OUTPUT 138
 CRI>80
 Remote electronic power supply
 to be ordered



| m | α | lux | |
|------|---|-----|-----|
| | | Max | Med |
| 5.00 | | 3 | 1 |
| 4.00 | | 5 | 2 |
| 3.00 | | 9 | 4 |
| 2.00 | | 20 | 09 |
| 1.00 | | 78 | 35 |

β = 39.0° + 39.0°

255628 **A A+ A++**

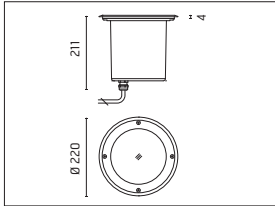
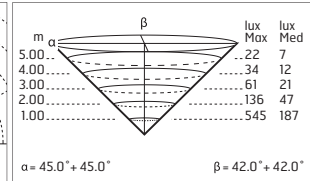
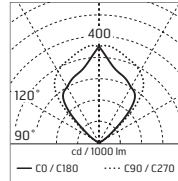
WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 321 ≈ lm OUTPUT 130
 CRI>80
 Remote electronic power supply
 to be ordered



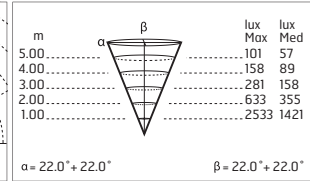
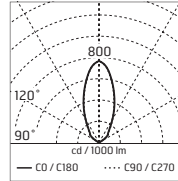
Idra / Ø 220mm - Symmetric Optic - Transparent Glass



250113 **D**
 QT 32 100W E27
 T 170°C



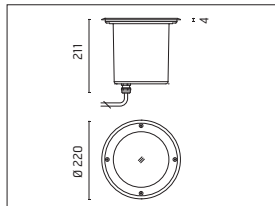
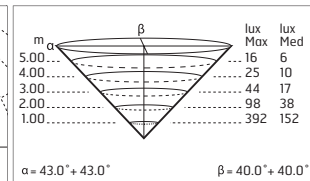
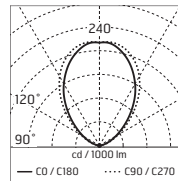
256713 **A+**
 HIT-TC-CE 35W G8,5
 T 85°C



Idra / Ø 220mm - Symmetric Optic - Sandblasted Glass



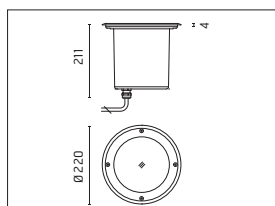
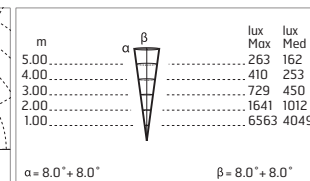
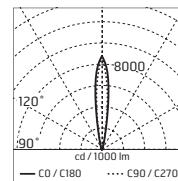
250157 **D**
 QT 32 100W E27
 T 170°C



Idra Power LED / Ø 220mm - Adjustable Optic - Narrow Beam 15°



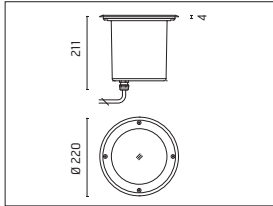
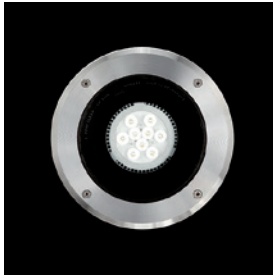
2518312 **A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,9W/220-240V
 Total power 12W
 lm LED 1080 ≈ lm OUTPUT 708
 CRI>80
 Integral electronic power supply



257712 **A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,9W/220-240V
 Total power 12W
 lm LED 990 ≈ lm OUTPUT 692
 CRI>80
 Integral electronic power supply



Idra Power LED / Ø 220mm - Adjustable Optic - Medium Beam 35°

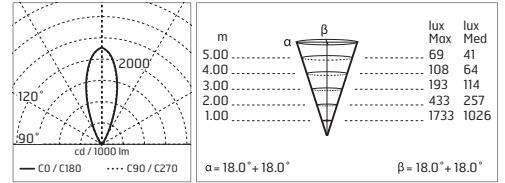


2518328

NATURAL WHITE 4000K
 POWER LEDs
 9,9W/220-240V
 Total power 12W
 lm LED 1080 ≈ lm OUTPUT 728
 CRI>80
 Integral electronic power supply

257728

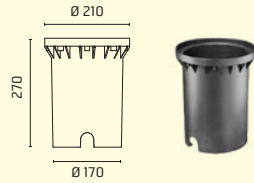
WARM WHITE 3000K
 POWER LEDs
 9,9W/220-240V
 Total power 12W
 lm LED 990 ≈ lm OUTPUT 717
 CRI>80
 Integral electronic power supply





Accessories: Idra

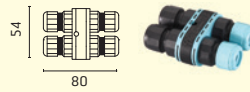
26
BOX FOR INSTALLATION
Ø 210 H 270mm



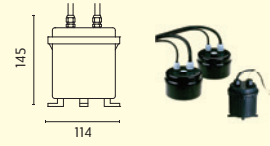
85
BOX FOR INSTALLATION
Ø 130 H 130mm



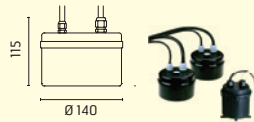
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 Hz0 STOP (Ø5,5±12mm CABLE)



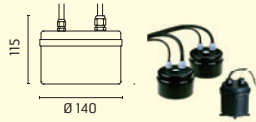
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



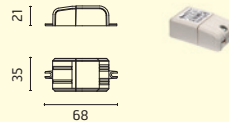
17
TRANSFORMER 200W
230V/12V 50Hz IP 66



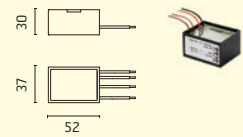
18
TRANSFORMER 300W
230V/12V 50Hz IP 66



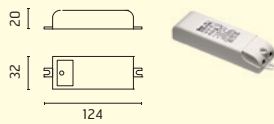
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout 350mA: 6x1W/100±240V
IP20 CLASS II SELV EQ.



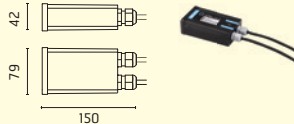
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout 350mA: 6x1W/100±240V
IP65 CLASS II SELV EQ.



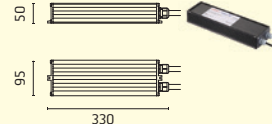
87
POWER SUPPLY 10W/110±240V - 24Vdc
IP20 CLASS II SELV.



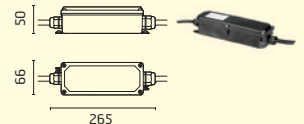
175
POWER SUPPLY 10W/110±240V - 24Vdc
IP67 CLASS II SELV.



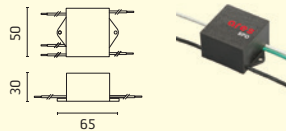
155
POWER SUPPLY 50W/120±240V - 24Vdc
IP67 CLASS II SELV.



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



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 26 | 85 | 215 | 16 | 17 | 18 | 150 | 106 | 87 | 175 | 155 | 110 | 237 |
|--------------|----|----|-----|----|----|----|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | | |
| 250113 | • | | • | | | | | | | | | | |
| 250157 | • | | • | | | | | | | | | | |
| 252815 | | • | • | | | | | | | | | | |
| 253315 | | | • | • | • | • | | | | | | | |
| 255612 | | • | • | | | | 1 | 1 | 2 | 2 | 7 | 14 | |
| 255628 | | • | • | | | | 1 | 1 | 2 | 2 | 7 | 14 | |
| 256713 | • | | • | | | | | | | | | | |
| 257712 | • | | • | | | | | | | | | | • |
| 257728 | • | | • | | | | | | | | | | • |
| 2517212 | | • | • | | | | 1 | 1 | 2 | 2 | 7 | 14 | |
| 2517228 | | • | • | | | | 1 | 1 | 2 | 2 | 7 | 14 | |
| 2518312 | • | | • | | | | | | | | | | • |
| 2518328 | • | | • | | | | | | | | | | • |
| 2556128 | | • | • | | | | 1 | 1 | 2 | 2 | 7 | 14 | |
| 25172128 | | • | • | | | | 1 | 1 | 2 | 2 | 7 | 14 | |

Max fixtures for each power supply (Vin 220±240). Data in the chart are provided as a guide only. Please verify according to your installation.








- Slim rectangular or round luminaire for installation on wall – surface or recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Moulded transparent polycarbonate emitting unit (rectangular) or transparent polyurethane resin filling (round) and polished aluminium reflector fixed by double-sided technical tape.
- 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 sandblasted 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: the luminaire is equipped with a piece of cable for an easy-to-make connection. 24V feeding: power supply installed in a remote position; 230V feeding: power supply located behind the luminaire into the recessed box for installation (to be ordered separately). Outdoor use requires suitable flexible cables.
- 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

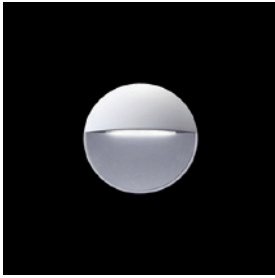
A++
A+
A

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

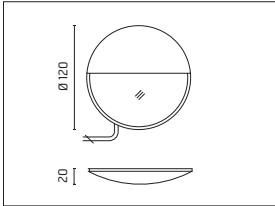
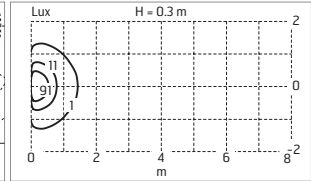
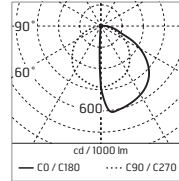


| | | | |
|---|--|---|-------------------------|
|  | Recessed wall fitting. |  | Wall fitting |
|  | Pre-wired with approx 250mm of cable. |  | Remote device required. |
|  | Protection against impact. IK 08 - 5,00 joule | | |

Trixie Round Low-Power LED / Transparent Diffuser

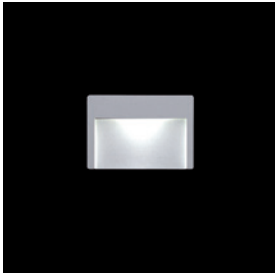


526002 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 1,5W/24Vdc
 Total power 1,9W
 lm LED 156 ≠ lm OUTPUT 74
 CRI >80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

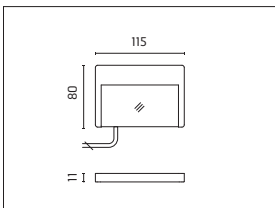
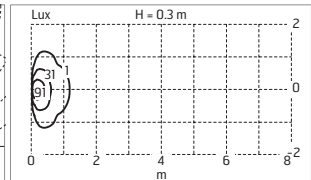
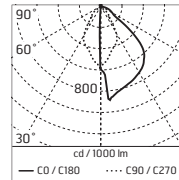


526003 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 1,5W/24Vdc
 Total power 1,9W
 lm LED 149 ≠ lm OUTPUT 71
 CRI >80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

Trixie Low-Power LED / Transparent Diffuser



10222900 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 1,5W/24Vdc
 Total power 1,9W
 lm LED 156 ≠ lm OUTPUT 64
 CRI >80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

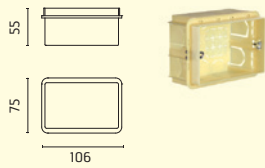


1029500 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 1,5W/24Vdc
 Total power 1,9W
 lm LED 149 ≠ lm OUTPUT 61
 CRI >80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

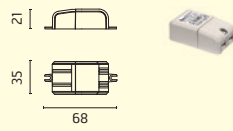


Accessories: Trixie

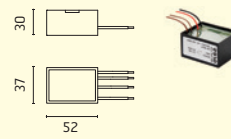
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



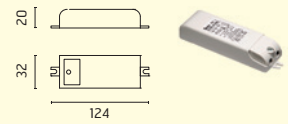
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



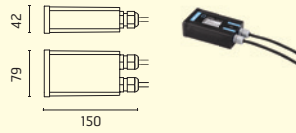
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



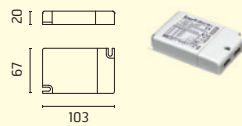
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



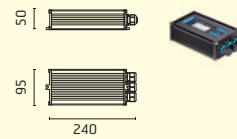
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



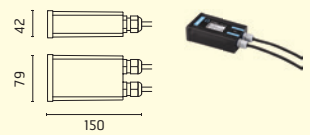
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



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



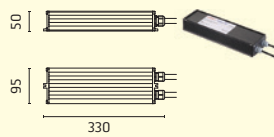
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



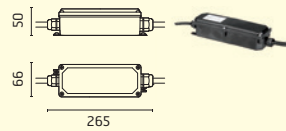
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

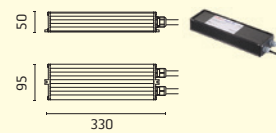
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



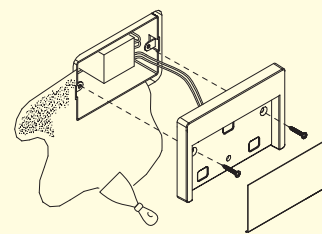
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



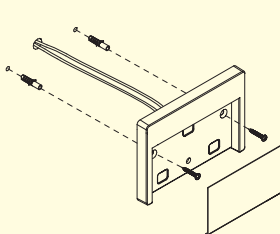
156
POWER SUPPLY 96W/120÷277V - 24Vdc
IP67 CLASS II SELV.



Trixie with box cod.105



Trixie without box cod.105



| acc. code ▶ | 105 | 150 | 106 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | |
| 526002 | ● | 3 | 3 | 5 | 5 | 8 | 8 | 9 | 25 | 30 | 45 |
| 526003 | ● | 3 | 3 | 5 | 5 | 8 | 8 | 9 | 25 | 30 | 45 |
| 1029500 | ● | 3 | 3 | 5 | 5 | 8 | 8 | 9 | 25 | 30 | 45 |
| 10222900 | ● | 3 | 3 | 5 | 5 | 8 | 8 | 9 | 25 | 30 | 45 |





Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

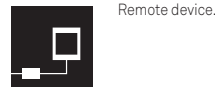
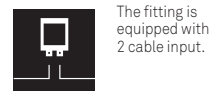


CAMILLA

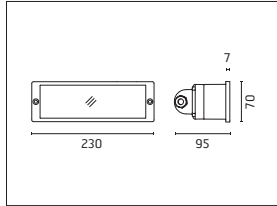
- Rectangular luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- Double layer coating for high 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 sandblasted 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: mains: I; LED module: I, III; RGB: III
- Installation: Electrical components housed into the removable back side. Wiring through two M16 cable glands for (4,5\times10mm 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

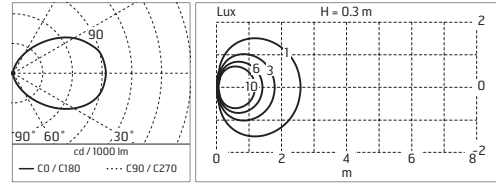
| | |
|---|---|
|  | LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced |
|  | |
|  | |
|  | FLUORESCENT VERSION: Class A TC-SEL/2G7 |



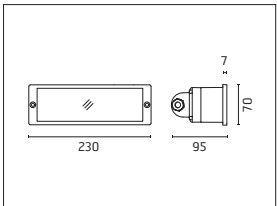
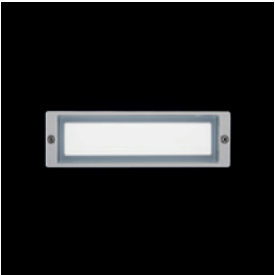
Camilla / L 230 mm - Sandblasted Glass



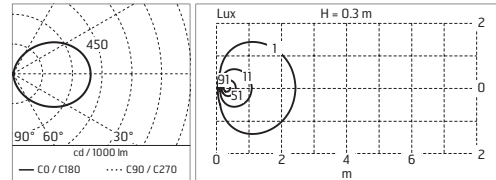
115141111
TC-SEL 9W 2G7
Electronic ballast



Camilla Mid-Power LED / L 230 mm - Diffused light



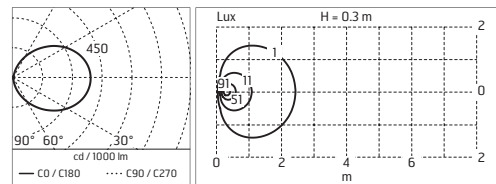
115147113
NATURAL WHITE 4000K
MID-POWER LEDs
4W/100÷240V
Total power 7W
lm LED 557 ≠ lm OUTPUT 112
CRI >80
Integral electronic power supply



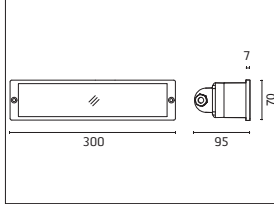
115147112
WARM WHITE 3000K
MID-POWER LEDs
4W/100÷240V
Total power 7W
lm LED 530 ≠ lm OUTPUT 106
CRI >80
Integral electronic power supply

115147115
NATURAL WHITE 4000K
MID-POWER LEDs
4W/24Vdc
Total power 5W
lm LED 557 ≠ lm OUTPUT 112
CRI >80
Remote electronic power supply
to be ordered
 Acc. 144 or 176

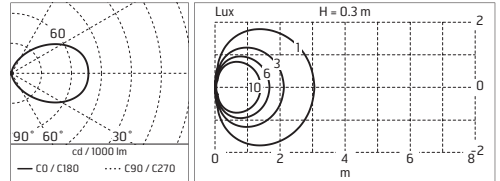
115147114
WARM WHITE 3000K
MID-POWER LEDs
4W/24Vdc
Total power 5W
lm LED 530 ≠ lm OUTPUT 106
CRI >80
Remote electronic power supply
to be ordered
 Acc. 144 or 176



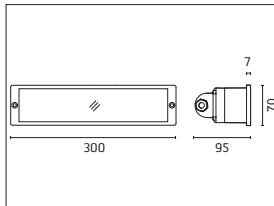
Camilla / L 300 mm - Sandblasted Glass



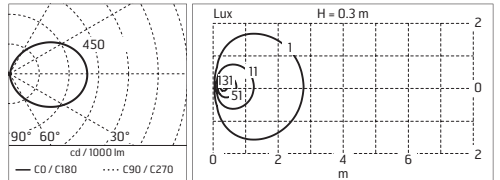
115141110
TC-SEL 11W 2G7
Electronic ballast



Camilla Mid-Power LED / L 300 mm - Diffused light

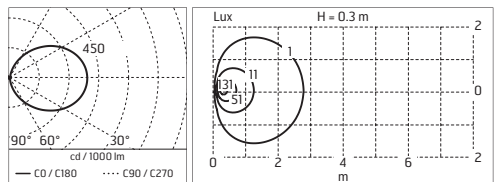


115147117
NATURAL WHITE 4000K
MID-POWER LEDs
6W/100÷240V
Total power 10W
lm LED 835± lm OUTPUT 168
CRI >80
Integral electronic power supply



115147116
WARM WHITE 3000K
MID-POWER LEDs
6W/100÷240V
Total power 10W
lm LED 795± lm OUTPUT 160
CRI >80
Integral electronic power supply

115147119
NATURAL WHITE 4000K
MID-POWER LEDs
6W/24Vdc
Total power 7,5W
lm LED 835± lm OUTPUT 168
CRI >80
Remote electronic power supply
to be ordered
...|||Acc. 144 or 176



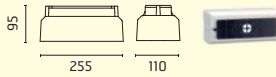
115147118
WARM WHITE 3000K
MID-POWER LEDs
6W/24Vdc
Total power 7,5W
lm LED 795± lm OUTPUT 160
CRI >80
Remote electronic power supply
to be ordered
...|||Acc. 144 or 176



Accessories: Camilla

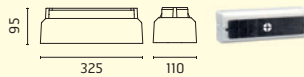
123

BOX FOR INSTALLATION
255 x 110 x H 95mm



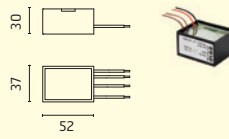
124

BOX FOR INSTALLATION
325 x 110 x H 95mm



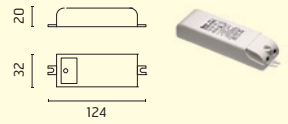
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout 350mA: 6x1W/100±240V
IP65 CLASS II SELV EQ.



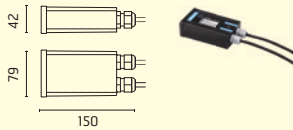
87

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



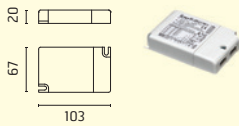
175

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



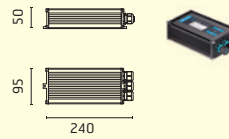
144

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



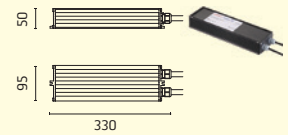
176

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



155

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

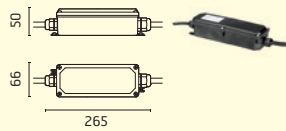


DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

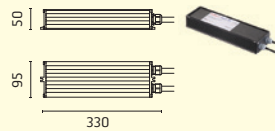
110

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



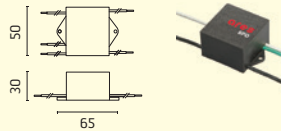
156

POWER SUPPLY 96W /120±277V - 24Vdc
IP67 CLASS II SELV.



237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66











| acc. code ▶ | 123 | 124 | 106 | 87 | 175 | 144 | 176 | 155 | 110 | 156 | 237 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | |
| 115141110 | | • | | | | | | | | | |
| 115141111 | • | | | | | | | | | | |
| 115147112 | • | | | | | | | | | | • |
| 115147113 | • | | | | | | | | | | • |
| 115147114 | • | | 1 | 2 | 2 | 3 | 3 | 10 | 13 | 18 | |
| 115147115 | • | | 1 | 2 | 2 | 3 | 3 | 10 | 13 | 18 | |
| 115147116 | | • | | | | | | | | | • |
| 115147117 | | • | | | | | | | | | • |
| 115147118 | | • | 1 | 1 | 1 | 2 | 2 | 6 | 8 | 12 | |
| 115147119 | | • | 1 | 1 | 1 | 2 | 2 | 6 | 8 | 12 | |

Max fixtures for each power supply (Vin 220±240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Rectangular luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted.
- 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 sandblasted 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, LED module: I, III
- Installation: wiring through two M16 plastic cable glands (4,5\times10mm) 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 that cannot be replaced |
|  | |
|  | |
|  | FLUORESCENT VERSION: Class A TC-DEL/G24q-2 |
|  | |
|  | FLUORESCENT VERSION: Class A/B TC-D/G24d-3 |
|  | |
|  | HALOGEN VERSION: Class D QT32/E27 |



Recessed wall fitting.



The fitting is equipped with 2 cable input.

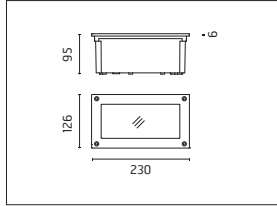


Remote device required.

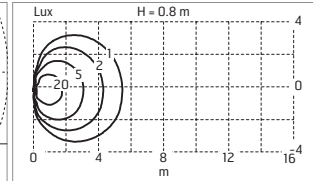
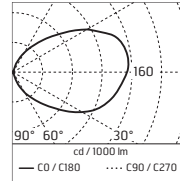


Protection against impact.
IK 08 - 5,00 joule

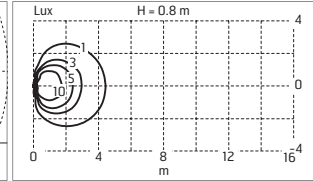
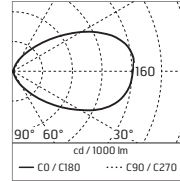
Alice / All Light



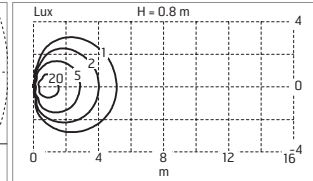
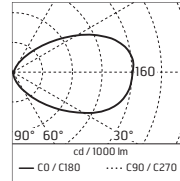
820123
 QT 32 60W E27



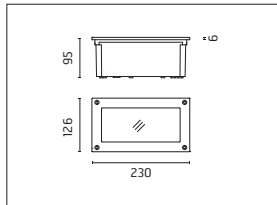
825923
 TC-DEL 18W G24q-2
 Electronic ballast



820923
 TC-D 26W G24d-3



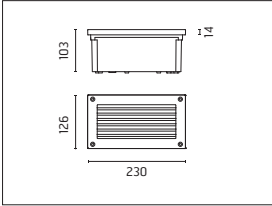
Alice Power LED / All Light



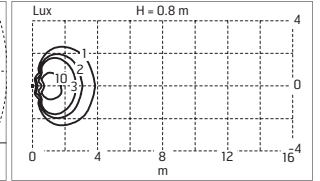
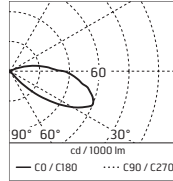
8202001
 NATURAL WHITE 4000K
 MID-POWER LEDs
 8,8W/220÷240V
 Total power 11W
 lm LED 1258 ≈ lm OUTPUT 420
 CRI >80
 Integral electronic power supply

8202002
 WARM WHITE 3000K
 MID-POWER LEDs
 8,8W/220÷240V
 Total power 11W
 lm LED 1198 ≈ lm OUTPUT 400
 CRI >80
 Integral electronic power supply

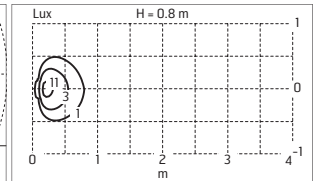
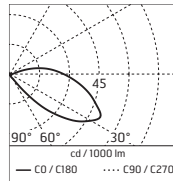
Alice / Louvre



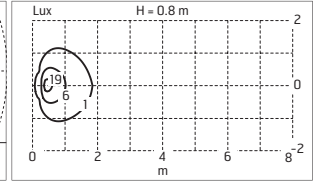
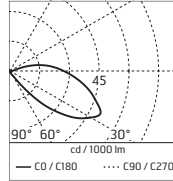
820105
 QT 32 60W E27



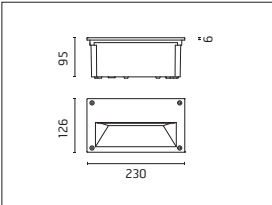
825905
 TC-DEL 18W G24q-2
 Electronic ballast



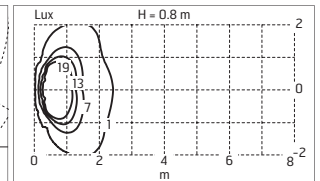
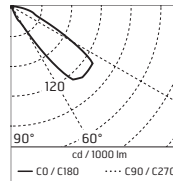
820905
 TC-D 26W G24d-3



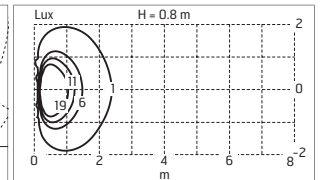
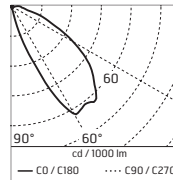
Alice / Horizontal Frame



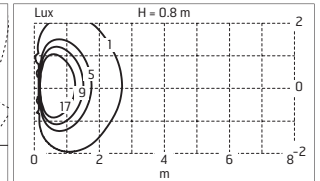
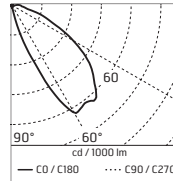
820117
 QT 32 60W E27



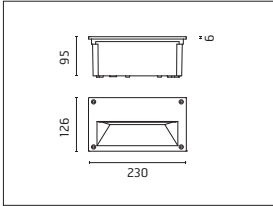
825917
 TC-DEL 18W G24q-2
 Electronic ballast



820917
 TC-D 26W G24d-3

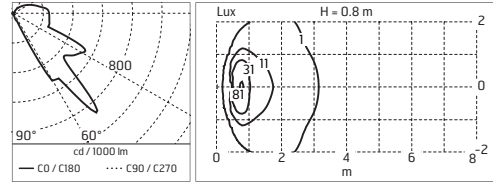


Alice Power LED / Horizontal Frame



8220917

NATURAL WHITE 4000K
POWER LEDs
5,5W/100÷240V
Total power 8W
lm LED 650 ≠ lm OUTPUT 153
CRI >80
Integral electronic power supply

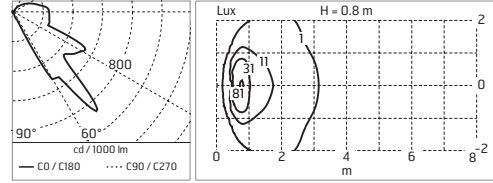


8212517

WARM WHITE 3000K
POWER LEDs
5,5W/100÷240V
Total power 8W
lm LED 600 ≠ lm OUTPUT 141
CRI >80
Integral electronic power supply

8225817

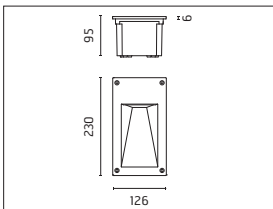
NATURAL WHITE 4000K
POWER LEDs
5,5W/24Vdc
Total power 6,7W
lm LED 650 ≠ lm OUTPUT 153
CRI >80
Remote electronic power supply to be ordered



8225917

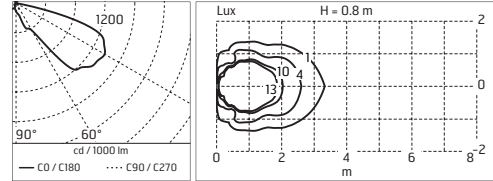
WARM WHITE 3000K
POWER LEDs
5,5W/24Vdc
Total power 6,7W
lm LED 600 ≠ lm OUTPUT 141
CRI >80
Remote electronic power supply to be ordered

Alice Power LED / Vertical Frame



8218218

NATURAL WHITE 4000K
POWER LEDs
3,3W/100÷240V
Total power 6W
lm LED 342 ≠ lm OUTPUT 81
CRI >80
Integral electronic power supply

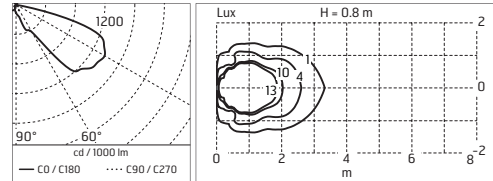


8212218

WARM WHITE 3000K
POWER LEDs
3,3W/100÷240V
Total power 6W
lm LED 321 ≠ lm OUTPUT 73
CRI >80
Integral electronic power supply

8226118

NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 342 ≠ lm OUTPUT 81
CRI >80
Remote electronic power supply to be ordered

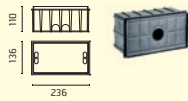


8226218

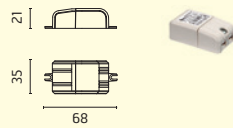
WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 321 ≠ lm OUTPUT 73
CRI >80
Remote electronic power supply to be ordered

Accessories: Alice

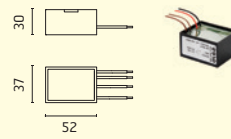
77
BOX FOR INSTALLATION
236 x 136 H 110mm



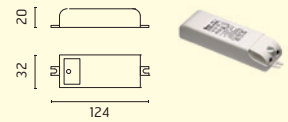
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



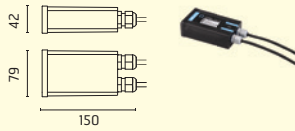
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



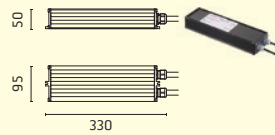
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



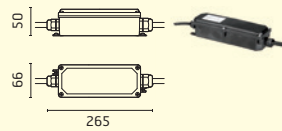
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



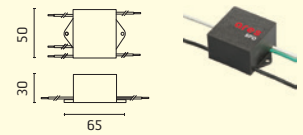
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



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



237
SPD: (SURGE PROTECTION DEVICE) 275Vdc
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66









| acc. code ▶ | 77 | 150 | 106 | 87 | 175 | 155 | 110 | 237 |
|--------------|----|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | |
| 820105 | • | | | | | | | |
| 820117 | • | | | | | | | |
| 820123 | • | | | | | | | |
| 820905 | • | | | | | | | |
| 820917 | • | | | | | | | |
| 820923 | • | | | | | | | |
| 825905 | • | | | | | | | |
| 825917 | • | | | | | | | |
| 825923 | • | | | | | | | |
| 8202001 | • | | | | | | | • |
| 8202002 | • | | | | | | | • |
| 8212218 | • | | | | | | | • |
| 8212517 | • | | | | | | | • |
| 8218218 | • | | | | | | | • |
| 8220917 | • | | | | | | | • |
| 8225817 | • | | | 1 | 1 | 4 | 8 | |
| 8225917 | • | | | 1 | 1 | 4 | 8 | |
| 8226118 | • | 1 | 1 | 2 | 2 | 7 | 14 | |
| 8226218 | • | 1 | 1 | 2 | 2 | 7 | 14 | |

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.



- Square luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted, fixed to the frame through a robotic gluing system.
- 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 sandblasted 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: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, LED module: II, III
- Installation: MiniAlfia is equipped with two cable holders for three single wires. Alfia is equipped with two cable holders for 5\times10mm cables. 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 that cannot be replaced |
|  | |
|  | |
|  | METAL HALIDE VERSION: Class A+ HIT-CE/G12 |
|  | FLUORESCENT VERSION: Class A TC-DEL/G24d-3 |
|  | HALOGEN VERSION: Class D QT32/E27 QT14/G9 |



Recessed wall fitting.



Protection against impact.
IK 08 - 5,00 joule

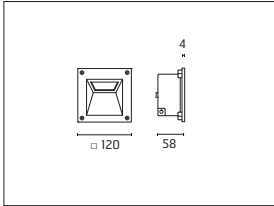
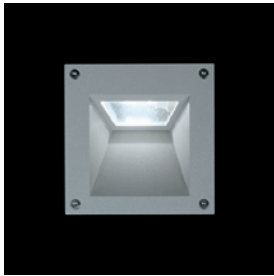


The fitting is equipped with 2 cable input.

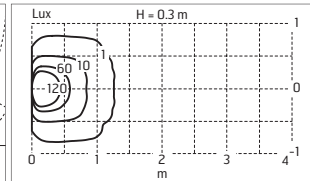
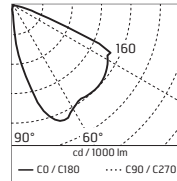


Remote device required

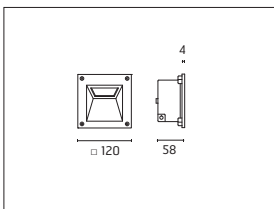
MiniAlfia / Transparent Glass



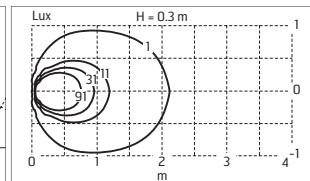
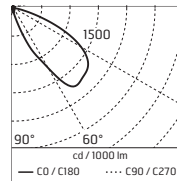
812700
QT 14 40W/230V G9



MiniAlfia Power LED / Transparent Glass



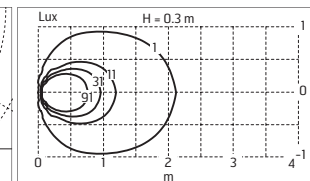
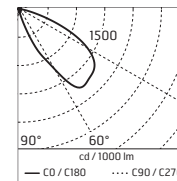
8121300
NATURAL WHITE 4000K
POWER LEDs
2,2W/100÷240V
Total power 4W
lm LED 260 ≠ lm OUTPUT 175
CRI >80
Integral electronic power supply



816400
WARM WHITE 3000K
POWER LEDs
2,2W/100÷240V
Total power 4W
lm LED 240 ≠ lm OUTPUT 162
CRI >80
Integral electronic power supply

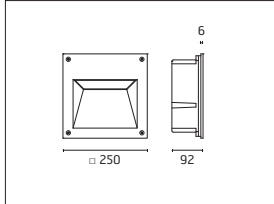
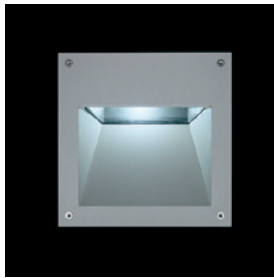


8121500
NATURAL WHITE 4000K
POWER LEDs
2,2W/24Vdc
Total power 3,1W
lm LED 260 ≠ lm OUTPUT 175
CRI >80
Remote electronic power supply
to be ordered

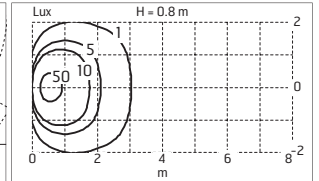
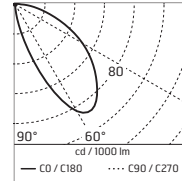


8121600
WARM WHITE 3000K
POWER LEDs
2,2W/24Vdc
Total power 3,1W
lm LED 240 ≠ lm OUTPUT 162
CRI >80
Remote electronic power supply
to be ordered

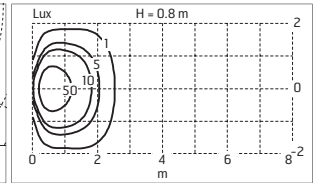
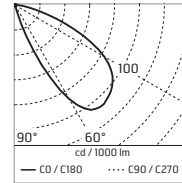
Alfia / Transparent Glass



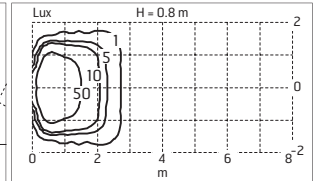
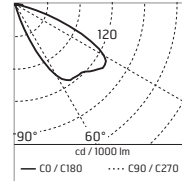
820100 **D**
QT 32 100W E27



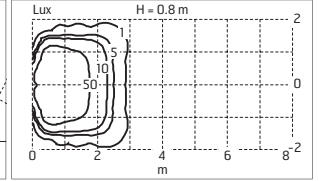
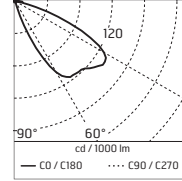
826100 **A**
TC-DEL 26W G24q-3
Electronic ballast



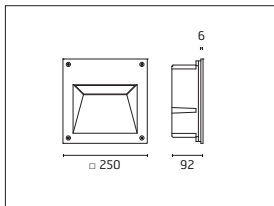
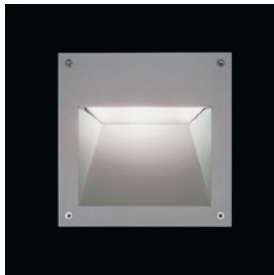
823500 **A+**
HIT-CE 35W G12



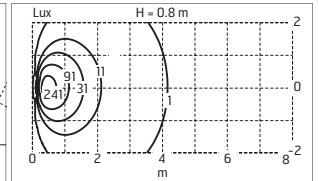
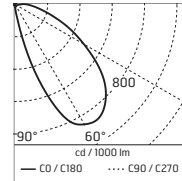
827100 **A+**
HIT-CE 70W G12



Alfia Mid-Power LED / Sandblasted Glass



822800 **A A+ A+**
NATURAL WHITE 4000K
MID-POWER LEDs
8,8W/220÷240V
Total power 11W
lm LED 1291 ≈ lm OUTPUT 421
CRI >80
Integral electronic power supply



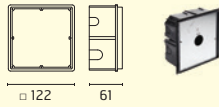
822801 **A A+ A+**
WARM WHITE 3000K
MID-POWER LEDs
8,8W/220÷240V
Total power 11W
lm LED 1230 ≈ lm OUTPUT 401
CRI >80
Integral electronic power supply



Accessories: Alfa

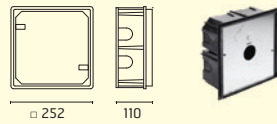
59

BOX FOR INSTALLATION
122 x 122 H 61mm



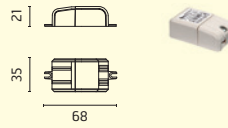
60

BOX FOR INSTALLATION
252 x 252 H 110mm



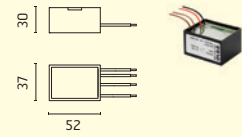
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



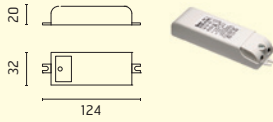
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



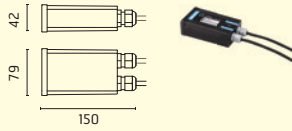
87

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



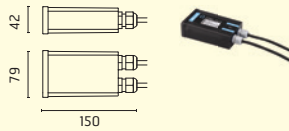
175

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



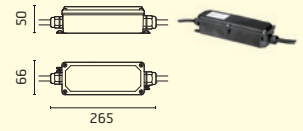
147

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



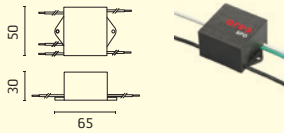
110

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 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 59 | 60 | 150 | 106 | 87 | 175 | 147 | 110 | 237 |
|--------------|----|----|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | |
| 812700 | • | | | | | | | | |
| 816400 | • | | | | | | | | • |
| 820100 | | • | | | | | | | |
| 822800 | | • | | | | | | | • |
| 822801 | | • | | | | | | | • |
| 823500 | | • | | | | | | | |
| 826100 | | • | | | | | | | |
| 827100 | | • | | | | | | | |
| 8121300 | • | | | | | | | | • |
| 8121500 | • | | 1 | 1 | 2 | 2 | 7 | 15 | |
| 8121600 | • | | 1 | 1 | 2 | 2 | 7 | 15 | |

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.



- Round luminaire for installation in the ceiling – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel outer frame (raw or painted in white). Glass diffuser: textured with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- 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 sandblasted 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: II; version 230V: I
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress. 220-240V version: the luminaire is supplied with a remote IP67 electronic power supply kit equipped with a piece of cable with screw connector towards the luminaire and a piece of cable to be used for wiring. 230V direct feeding: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / connector.
- 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
that cannot be replaced



Recessed ceiling fitting



Protection against water ingress from the cable



Pre-wired with approx 250mm of cable

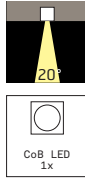
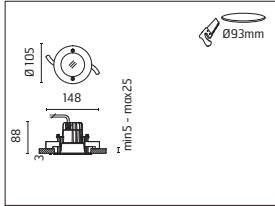
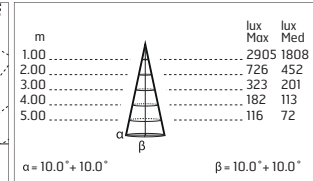
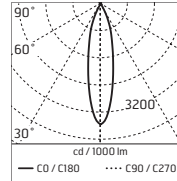


Protection against impact
IK 06 - 1,00 joule (Leila105-135)
IK 07 - 2,00 joule (Leila165-225)

Leila105 CoB LED / Stainless Steel Frame - Medium Beam 20°

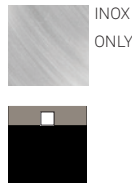


536002 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1278 ≈ lm OUTPUT 723
 CRI >80
 Kit with remote electronic power supply included

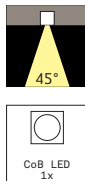
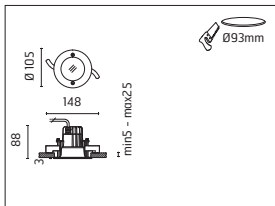
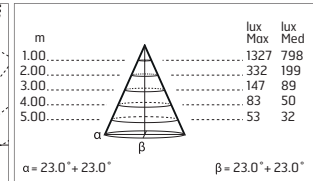
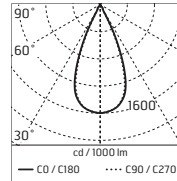


536003 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1229 ≈ lm OUTPUT 695
 CRI >80
 Kit with remote electronic power supply included

Leila105 CoB LED / Stainless Steel Frame - Wide Beam 45°



536005 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1278 ≈ lm OUTPUT 896
 CRI >80
 Kit with remote electronic power supply included

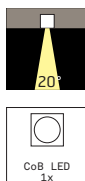
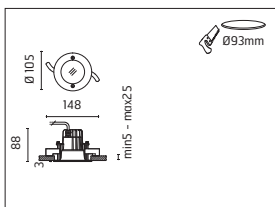
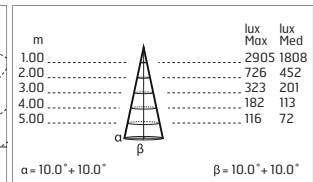
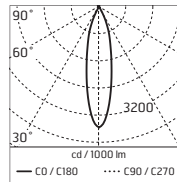


536006 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1229 ≈ lm OUTPUT 862
 CRI >80
 Kit with remote electronic power supply included

Leila105 CoB LED / Painted Frame - Medium Beam 20°

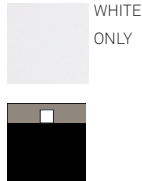


536008 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1278 ≈ lm OUTPUT 723
 CRI >80
 Kit with remote electronic power supply included

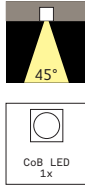
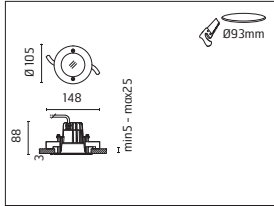
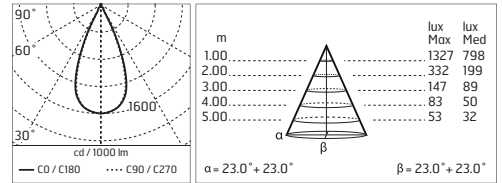


536009 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1229 ≈ lm OUTPUT 695
 CRI >80
 Kit with remote electronic power supply included

Leila105 CoB LED / Painted Frame - Wide Beam 45°



536011 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1278 ≈ lm OUTPUT 896
 CRI >80
 Kit with remote electronic power supply included

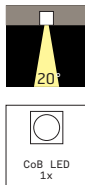
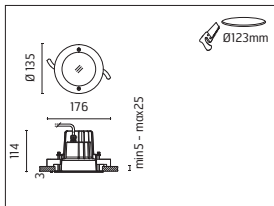
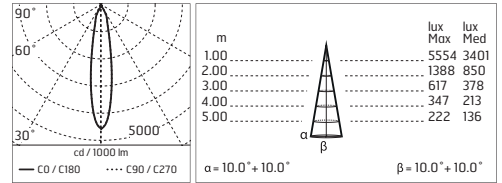


536012 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1229 ≈ lm OUTPUT 862
 CRI >80
 Kit with remote electronic power supply included

Leila135 CoB LED / Stainless Steel Frame - Medium Beam 20°



536013 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1829 ≈ lm OUTPUT 1210
 CRI >80
 Kit with remote electronic power supply included

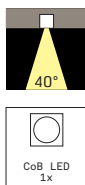
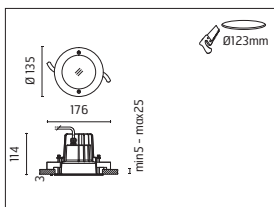
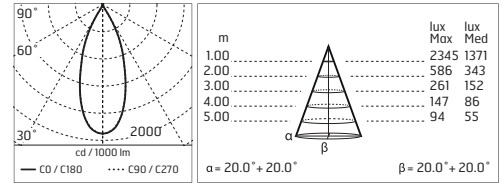


536014 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1744 ≈ lm OUTPUT 1153
 CRI >80
 Kit with remote electronic power supply included

Leila135 CoB LED / Stainless Steel Frame - Wide Beam 40°



536015 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1829 ≈ lm OUTPUT 1232
 CRI >80
 Kit with remote electronic power supply included

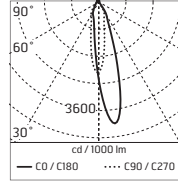


536016 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1744 ≈ lm OUTPUT 1175
 CRI >80
 Kit with remote electronic power supply included

Leila135 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Medium Beam 20°

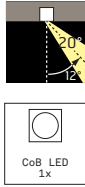
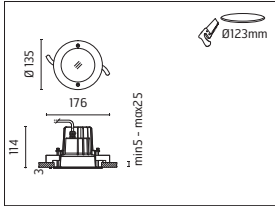


536017 **NATURAL WHITE 4000K**
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1716 ≈ lm OUTPUT 1015
 CRI >80
 Kit with remote electronic power supply included



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4276 | 2641 |
| 2.00 | 1069 | 660 |
| 3.00 | 475 | 293 |
| 4.00 | 267 | 165 |
| 5.00 | 171 | 106 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

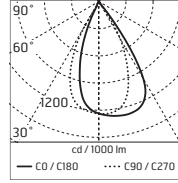


536018 **WARM WHITE 3000K**
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1650 ≈ lm OUTPUT 976
 CRI >80
 Kit with remote electronic power supply included

Leila135 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Wide Beam 45°

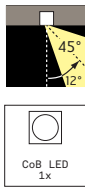
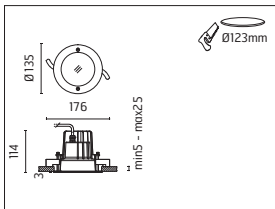


536019 **NATURAL WHITE 4000K**
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1716 ≈ lm OUTPUT 1259
 CRI >80
 Kit with remote electronic power supply included



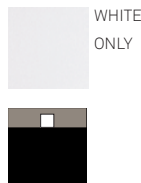
| m | lux | |
|------|------|-----|
| | Max | Med |
| 1.00 | 1582 | 901 |
| 2.00 | 395 | 225 |
| 3.00 | 176 | 100 |
| 4.00 | 99 | 56 |
| 5.00 | 63 | 36 |

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

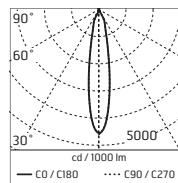


536020 **WARM WHITE 3000K**
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1650 ≈ lm OUTPUT 1211
 CRI >80
 Kit with remote electronic power supply included

Leila135 CoB LED / Painted Frame - Medium Beam 20°

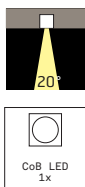
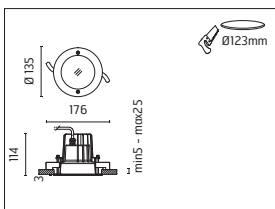


536021 **NATURAL WHITE 4000K**
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1829 ≈ lm OUTPUT 1210
 CRI >80
 Kit with remote electronic power supply included



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 5554 | 3401 |
| 2.00 | 1388 | 850 |
| 3.00 | 617 | 378 |
| 4.00 | 347 | 213 |
| 5.00 | 222 | 136 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$



536022 **WARM WHITE 3000K**
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1744 ≈ lm OUTPUT 1153
 CRI >80
 Kit with remote electronic power supply included

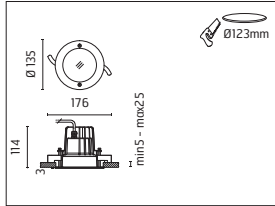
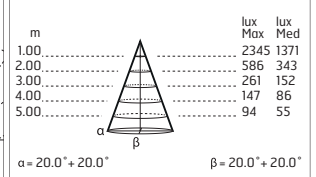
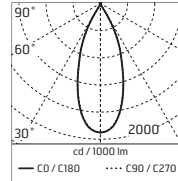
Leila135 CoB LED / Painted Frame - Wide Beam 40°



WHITE ONLY



536023
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1829 ≈ lm OUTPUT 1232
 CRI >80
 Kit with remote electronic power supply included



536024
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 16W
 lm LED 1744 ≈ lm OUTPUT 1175
 CRI >80
 Kit with remote electronic power supply included

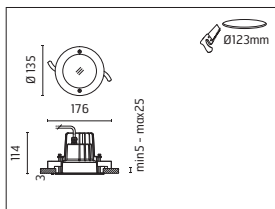
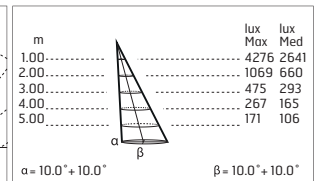
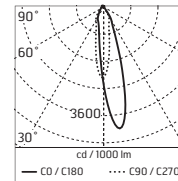
Leila135 CoB LED / Painted Frame - Asymmetric Optic 12° - Medium Beam 20°



WHITE ONLY



536025
 NATURAL WHITE 4000K
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1716 ≈ lm OUTPUT 1015
 CRI >80
 Kit with remote electronic power supply included



536026
 WARM WHITE 3000K
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1650 ≈ lm OUTPUT 976
 CRI >80
 Kit with remote electronic power supply included

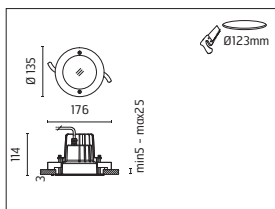
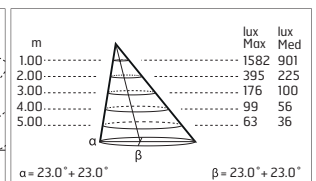
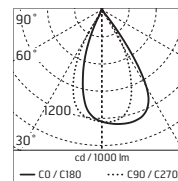
Leila135 CoB LED / Painted Frame - Asymmetric Optic 12° - Wide Beam 45°



WHITE ONLY

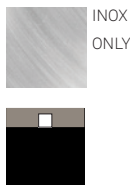


536027
 NATURAL WHITE 4000K
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1716 ≈ lm OUTPUT 1259
 CRI >80
 Kit with remote electronic power supply included

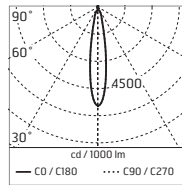


536028
 WARM WHITE 3000K
 CoB LED
 14W/220÷240V
 Total power 16W
 lm LED 1650 ≈ lm OUTPUT 1211
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Stainless Steel Frame - Medium Beam 20°

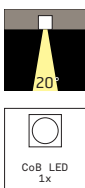
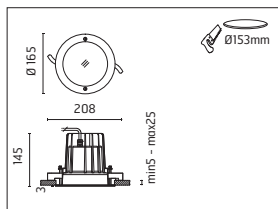


536029 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2894
 CRI >80
 Kit with remote electronic power supply included



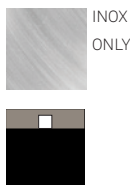
| m | lux | |
|------|-------|------|
| | Max | Med |
| 1.00 | 15778 | 9824 |
| 2.00 | 3945 | 2456 |
| 3.00 | 1753 | 1092 |
| 4.00 | 986 | 614 |
| 5.00 | 631 | 393 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

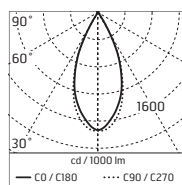


536030 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2759
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Stainless Steel Frame - Wide Beam 45°

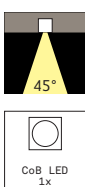
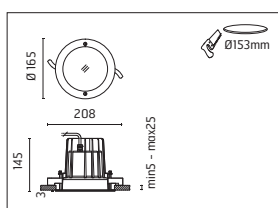


536031 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2830
 CRI >80
 Kit with remote electronic power supply included



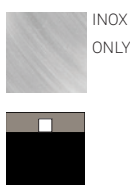
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4991 | 2812 |
| 2.00 | 1248 | 703 |
| 3.00 | 555 | 312 |
| 4.00 | 312 | 176 |
| 5.00 | 200 | 112 |

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

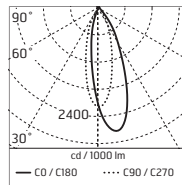


536032 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2698
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Medium Beam 30°

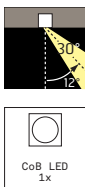
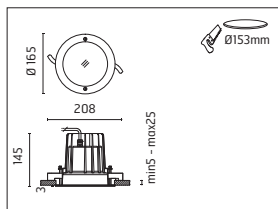


536033 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2364
 CRI >80
 Kit with remote electronic power supply included



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 6531 | 3984 |
| 2.00 | 1633 | 996 |
| 3.00 | 726 | 443 |
| 4.00 | 408 | 249 |
| 5.00 | 261 | 159 |

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

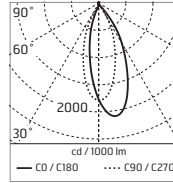


536034 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2254
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Wide Beam 40°

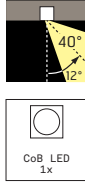
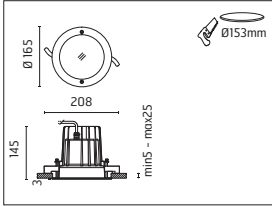


536035 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2263
 CRI >80
 Kit with remote electronic power supply included



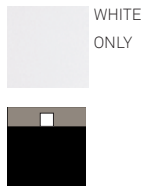
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4624 | 2705 |
| 2.00 | 1156 | 676 |
| 3.00 | 514 | 301 |
| 4.00 | 289 | 169 |
| 5.00 | 185 | 108 |

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

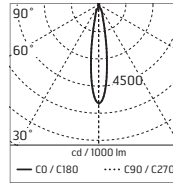


536036 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2158
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Painted Frame - Medium Beam 20°

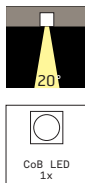
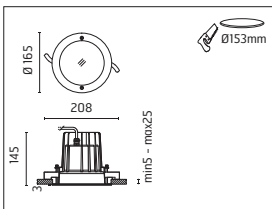


536037 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2894
 CRI >80
 Kit with remote electronic power supply included



| m | lux | |
|------|-------|------|
| | Max | Med |
| 1.00 | 15778 | 9824 |
| 2.00 | 3945 | 2456 |
| 3.00 | 1753 | 1092 |
| 4.00 | 986 | 614 |
| 5.00 | 631 | 393 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

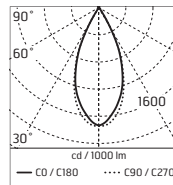


536038 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2759
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Painted Frame - Wide Beam 45°

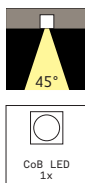
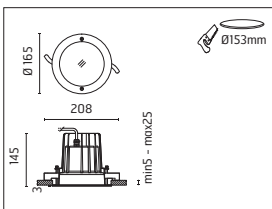


536039 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2830
 CRI >80
 Kit with remote electronic power supply included



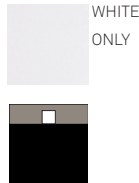
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4991 | 2812 |
| 2.00 | 1248 | 703 |
| 3.00 | 555 | 312 |
| 4.00 | 312 | 176 |
| 5.00 | 200 | 112 |

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

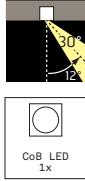
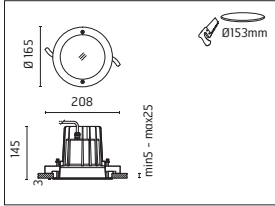
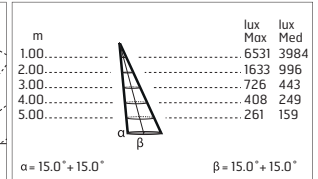
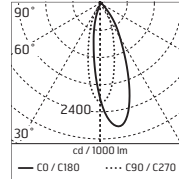


536040 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2698
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Painted Frame - Asymmetric Optic 12° - Medium Beam 30°

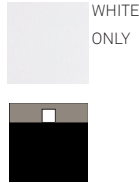


536041
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2364
 CRI >80
 Kit with remote electronic power supply included

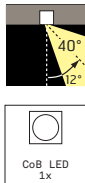
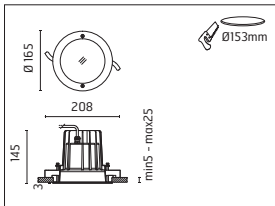
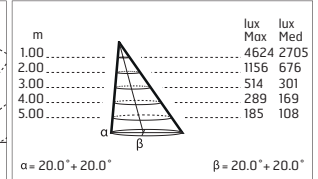
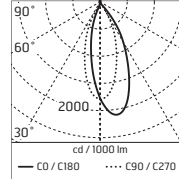


536042
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2254
 CRI >80
 Kit with remote electronic power supply included

Leila165 CoB LED / Painted Frame - Asymmetric Optic 12° - Wide Beam 40°



536043
 NATURAL WHITE 4000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3408 ≈ lm OUTPUT 2263
 CRI >80
 Kit with remote electronic power supply included

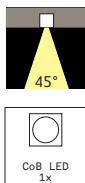
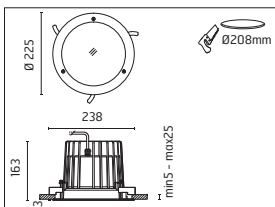
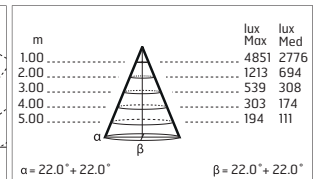
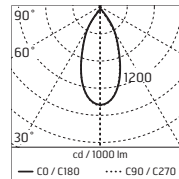


536044
 WARM WHITE 3000K
 CoB LED
 26W/220÷240V
 Total power 30W
 lm LED 3249 ≈ lm OUTPUT 2158
 CRI >80
 Kit with remote electronic power supply included

Leila225 CoB LED / Stainless Steel Frame - Wide Beam 45°



536047
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5143 ≈ lm OUTPUT 3392
 CRI >80
 Kit with remote electronic power supply included

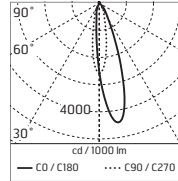


536048
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5016 ≈ lm OUTPUT 3308
 CRI >80
 Kit with remote electronic power supply included

Leila225 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Medium Beam 20°

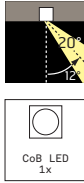
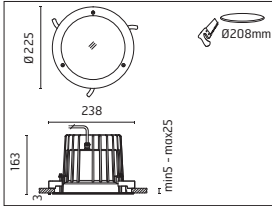


536049
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5143 ≈ lm OUTPUT 3338
 CRI >80
 Kit with remote electronic power supply included



| m | lux | |
|------|-------|------|
| | Max | Med |
| 1.00 | 14536 | 8961 |
| 2.00 | 3634 | 2240 |
| 3.00 | 1615 | 996 |
| 4.00 | 908 | 560 |
| 5.00 | 581 | 358 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

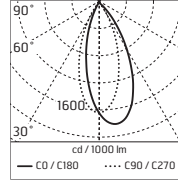


536050
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5016 ≈ lm OUTPUT 3256
 CRI >80
 Kit with remote electronic power supply included

Leila225 CoB LED / Stainless Steel Frame - Asymmetric Optic 12° - Wide Beam 40°

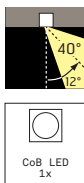
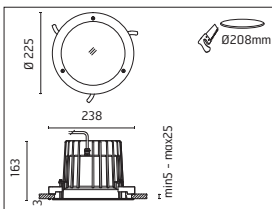


536051
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5143 ≈ lm OUTPUT 3297
 CRI >80
 Kit with remote electronic power supply included



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 5899 | 3353 |
| 2.00 | 1475 | 838 |
| 3.00 | 655 | 373 |
| 4.00 | 369 | 210 |
| 5.00 | 236 | 134 |

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

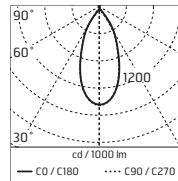


536052
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5016 ≈ lm OUTPUT 3215
 CRI >80
 Kit with remote electronic power supply included

Leila225 CoB LED / Painted Frame - Wide Beam 45°

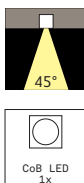
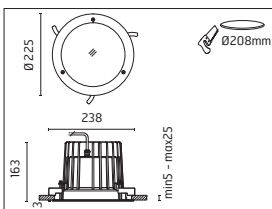


536055
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5143 ≈ lm OUTPUT 3392
 CRI >80
 Kit with remote electronic power supply included



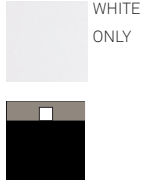
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4851 | 2776 |
| 2.00 | 1213 | 694 |
| 3.00 | 539 | 308 |
| 4.00 | 303 | 174 |
| 5.00 | 194 | 111 |

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

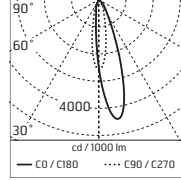


536056
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5016 ≈ lm OUTPUT 3308
 CRI >80
 Kit with remote electronic power supply included

Leila225 CoB LED / Painted Frame - Asymmetric Optic 12° - Medium Beam 20°

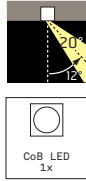
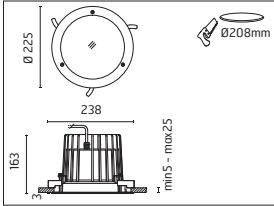


536057
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5143 ≈ lm OUTPUT 3338
 CRI >80
 Kit with remote electronic power supply included



| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 14536 | 8961 |
| 2.00 | 3634 | 2240 |
| 3.00 | 1615 | 996 |
| 4.00 | 908 | 560 |
| 5.00 | 581 | 358 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

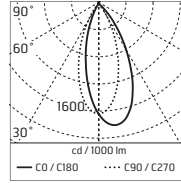


536058
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5116 ≈ lm OUTPUT 3256
 CRI >80
 Kit with remote electronic power supply included

Leila225 CoB LED / Painted Frame - Asymmetric Optic 12° - Wide Beam 40°

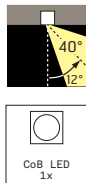
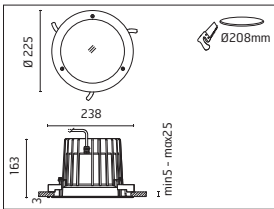


536059
 NATURAL WHITE 4000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5143 ≈ lm OUTPUT 3292
 CRI >80
 Kit with remote electronic power supply included



| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 5899 | 3353 |
| 2.00 | 1475 | 838 |
| 3.00 | 655 | 373 |
| 4.00 | 369 | 210 |
| 5.00 | 236 | 134 |

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



536060
 WARM WHITE 3000K
 CoB LED
 38W/220÷240V
 Total power 43W
 lm LED 5016 ≈ lm OUTPUT 3215
 CRI >80
 Kit with remote electronic power supply included



220÷240V
 Kit with remote electronic power supply included

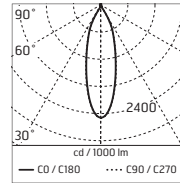




Leila135 CoB LED / Stainless Steel Frame - Medium Beam 30° - Direct 230V

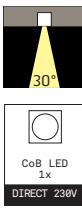
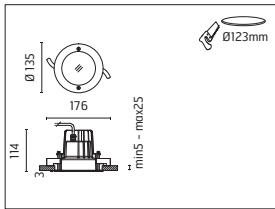


536061
 WARM WHITE 3000K
 CoB LED
 10W/220÷230V
 Total power 12W
 lm LED 951 ≈ lm OUTPUT 687
 CRI >80
 LED module set up to work
 directly connected to the mains



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 1720 | 1030 |
| 2.00 | 430 | 258 |
| 3.00 | 191 | 114 |
| 4.00 | 108 | 64 |
| 5.00 | 69 | 41 |

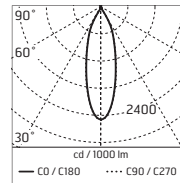
α = 15.0° + 15.0° β = 15.0° + 15.0°



Leila135 CoB LED / Painted Frame - Medium Beam 30° - Direct 230V

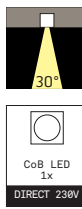
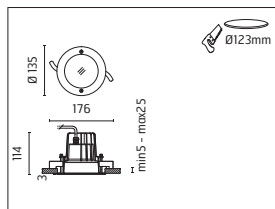


536062
 WARM WHITE 3000K
 CoB LED
 10W/220÷230V
 Total power 12W
 lm LED 951 ≈ lm OUTPUT 687
 CRI >80
 LED module set up to work
 directly connected to the mains



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 1720 | 1030 |
| 2.00 | 430 | 258 |
| 3.00 | 191 | 114 |
| 4.00 | 108 | 64 |
| 5.00 | 69 | 41 |

α = 15.0° + 15.0° β = 15.0° + 15.0°



LEILA 230V

LED MODULE SET UP TO WORK DIRECTLY CONNECTED TO THE MAINS

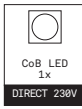
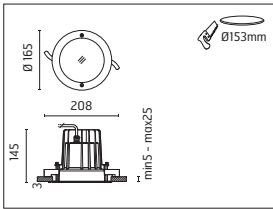
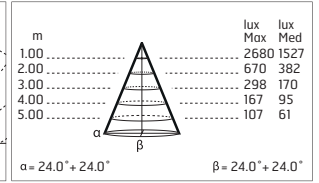
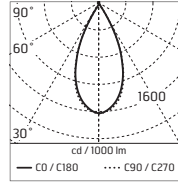
Leila165 CoB LED / Stainless Steel Frame - Wide Beam 50°- Direct 230V



INOX ONLY



536063
 WARM WHITE 3000K
 CoB LED
 22W/220÷230V
 Total power 24W
 lm LED 2303 ≈ lm OUTPUT 1646
 CRI >80
 LED module set up to work directly connected to the mains



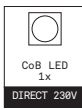
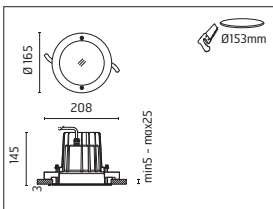
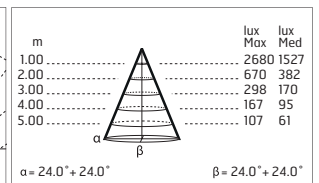
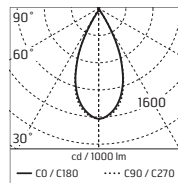
Leila165 CoB LED / Painted Frame - Wide Beam 50°- Direct 230V



WHITE ONLY



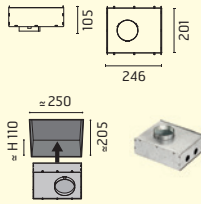
536064
 WARM WHITE 3000K
 CoB LED
 22W/220÷230V
 Total power 24W
 lm LED 2303 ≈ lm OUTPUT 1646
 CRI >80
 LED module set up to work directly connected to the mains



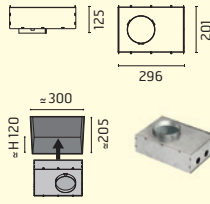


Accessories: Leila

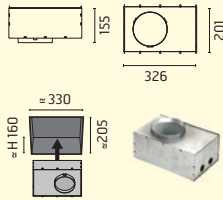
196
METAL INSTALLATION BOX FOR
CONCRETE CEILING 246 x 201 H 105mm



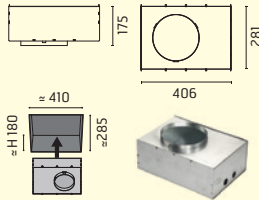
197
METAL INSTALLATION BOX FOR
CONCRETE CEILING 296 x 201 H 125mm



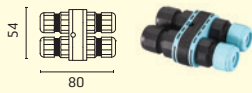
198
METAL INSTALLATION BOX FOR
CONCRETE CEILING 326 x 201 H 155mm



199
METAL INSTALLATION BOX FOR
CONCRETE CEILING 406 x 281 H 175mm



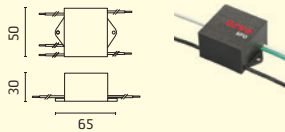
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66










| acc. code ▶ | 196 | 197 | 198 | 199 | 215 | 236 | 237 |
|--------------|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | |
| 536002 | • | | | | • | • | • |
| 536003 | • | | | | • | • | • |
| 536005 | • | | | | • | • | • |
| 536006 | • | | | | • | • | • |
| 536008 | • | | | | • | • | • |
| 536009 | • | | | | • | • | • |
| 536011 | • | | | | • | • | • |
| 536012 | • | | | | • | • | • |
| 536013 | | • | | | • | • | • |
| 536014 | | • | | | • | • | • |
| 536015 | | • | | | • | • | • |
| 536016 | | • | | | • | • | • |
| 536017 | | • | | | • | • | • |
| 536018 | | • | | | • | • | • |
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| 536044 | | | • | | • | • | • |
| 536047 | | | | • | • | • | • |
| 536048 | | | | • | • | • | • |
| 536049 | | | | • | • | • | • |
| 536050 | | | | • | • | • | • |
| 536051 | | | | • | • | • | • |
| 536052 | | | | • | • | • | • |
| 536055 | | | | • | • | • | • |
| 536056 | | | | • | • | • | • |
| 536057 | | | | • | • | • | • |
| 536058 | | | | • | • | • | • |
| 536059 | | | | • | • | • | • |
| 536060 | | | | • | • | • | • |
| 536061 | | • | | | • | • | • |
| 536062 | | • | | | • | • | • |
| 536063 | | | • | | • | • | • |
| 536064 | | | • | | • | • | • |










- Square luminaire for installation in the ceiling – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted fixed to the frame through a robotic gluing system.
- 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 sandblasted 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: mains: I, low voltage: III, LED module: I,II
- Installation: Ara GZ10/GU5,3 125x125: pre-wired with approx. 250mm cable. Ara LED 125x125: prewired with approx. 1000mm cable. Ara fluorescent 250x250: pre-wired with approx. 1000mm cable. Ara metal halide 250x250: equipped with one M16 plastic cable gland. Ara LED 250x250: equipped with two M16 plastic cable glands. 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. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / connector.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

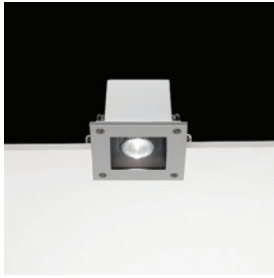
EU Regulation 874/2012 - Illumination equipment energy classes

| | |
|---|---|
|  | LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that 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 |

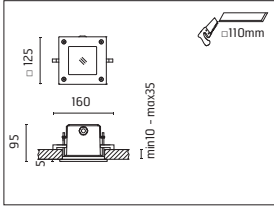
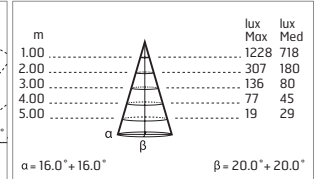
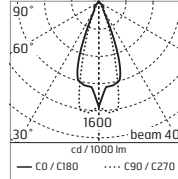


| | | | |
|---|--|---|---|
|  | Recessed ceiling fitting. |  | Ara metal halide 250x250mm The fitting is equipped with 1 cable input |
|  | Ara LED 250x250mm The fitting is equipped with 2 cable input. |  | Ara GZ10/GU5,3 125x125mm Pre-wired with approx 250mm of cable |
|  | Remote device required |  | Ara LED 125x125mm Ara fluorescent 250x250mm Pre-wired with approx 1000mm of cable |
|  | Protection against impact. IK 06 - 1,00 joule | | |

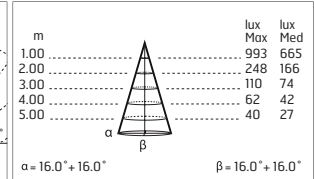
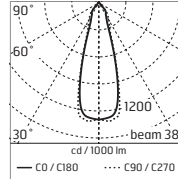
Ara / 125x125 mm - Transparent Glass - Adjustable Optic



1032823
QPAR CBC 51 50W/230V GZ10



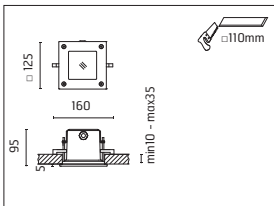
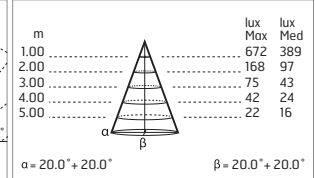
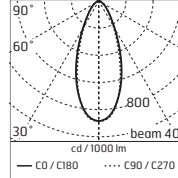
1033323
QR CBC 51 50W/12V GU5,3
Remote transformer to be ordered



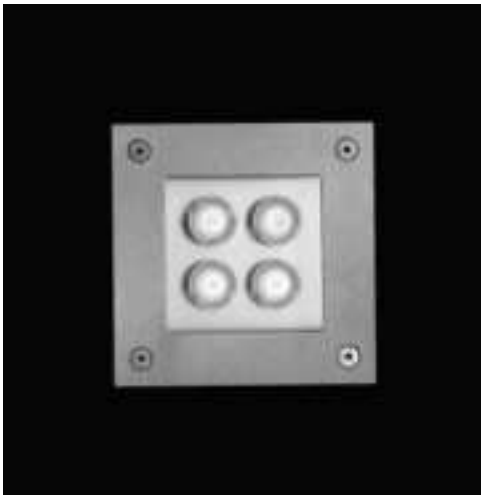
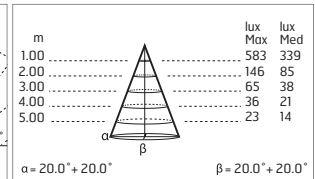
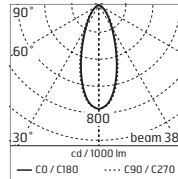
Ara / 125x125 mm - Sandblasted Glass - Adjustable Optic



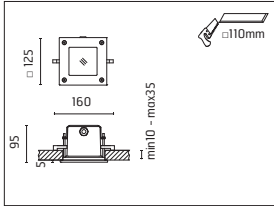
10328134
QPAR CBC 51 50W/230V GZ10



10333134
QR CBC 51 50W/12V GU5,3
Remote transformer to be ordered



Ara Power LED / 125x125mm - Transparent Glass - Narrow Beam 10°

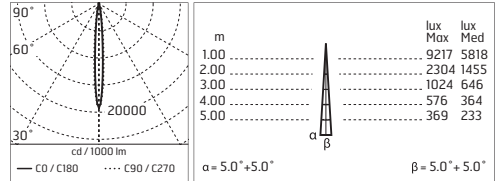


10321712

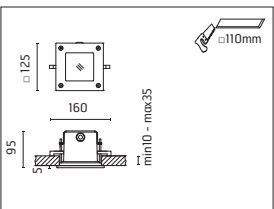
NATURAL WHITE 4000K
POWER LEDs
4,4W/100÷240V
Total power 6W
lm LED 458 ≈ lm OUTPUT 401
CRI >80
Integral electronic power supply

1039212

WARM WHITE 3000K
POWER LEDs
4,4W/100÷240V
Total power 6W
lm LED 414 ≈ lm OUTPUT 362
CRI >80
Integral electronic power supply



Ara Power LED / 125x125mm - Transparent Glass - Medium Beam 40°

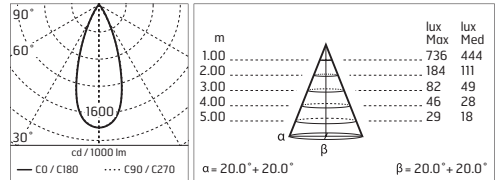


10321723

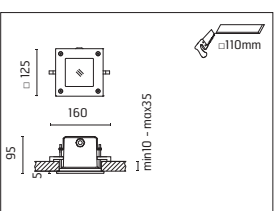
NATURAL WHITE 4000K
POWER LEDs
4,4W/100÷240V
Total power 6W
lm LED 458 ≈ lm OUTPUT 342
CRI >80
Integral electronic power supply

1039223

WARM WHITE 3000K
POWER LEDs
4,4W/100÷240V
Total power 6W
lm LED 414 ≈ lm OUTPUT 309
CRI >80
Integral electronic power supply



Ara Power LED / 125x125mm - Sandblasted Glass

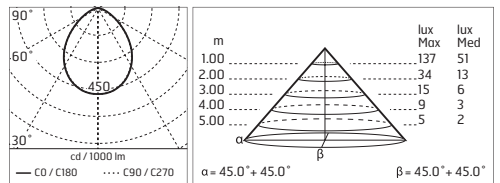


103217134

NATURAL WHITE 4000K
POWER LEDs
4,4W/100÷240V
Total power 6W
lm LED 458 ≈ lm OUTPUT 241
CRI >80
Integral electronic power supply

10392134

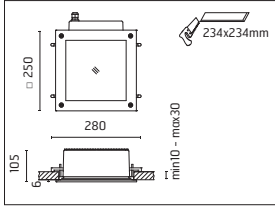
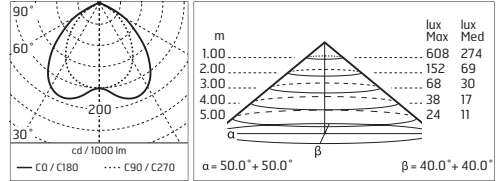
WARM WHITE 3000K
POWER LEDs
4,4W/100÷240V
Total power 6W
lm LED 414 ≈ lm OUTPUT 218
CRI >80
Integral electronic power supply



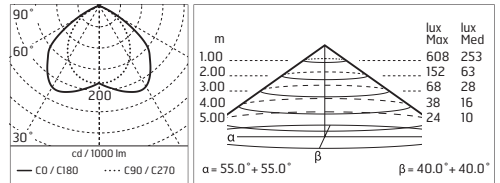
Ara / 250x250 mm - All Light - Transparent Glass



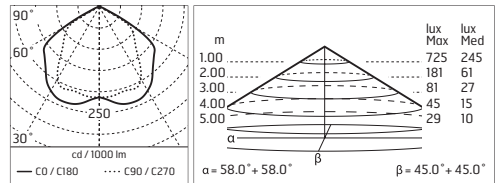
1036323
TC-DEL 2x26W G24q-3
Electronic ballast



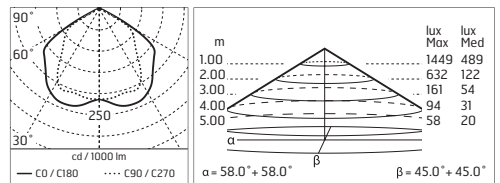
1032123
TC-TEL 42W Gx24 q-4
Electronic ballast



1033523
HIT-CE 35W G12
Remote ballast to be ordered



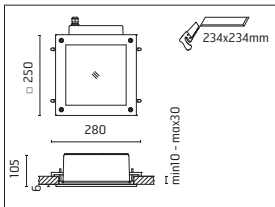
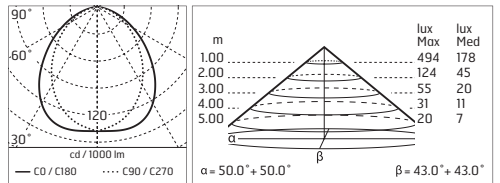
1037123
HIT-CE 70W G12
Remote ballast to be ordered



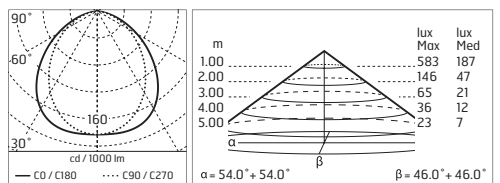
Ara / 250x250 mm - All Light - Sandblasted Glass



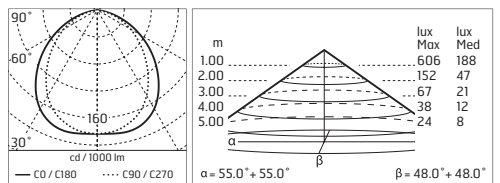
10363135
TC-DEL 2x26W G24q-3
Electronic ballast



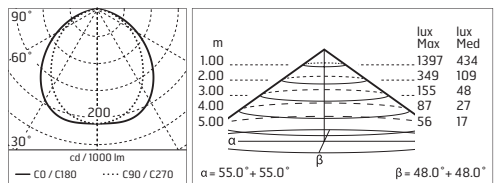
10321135
TC-TEL 42W Gx24 q-4
Electronic ballast



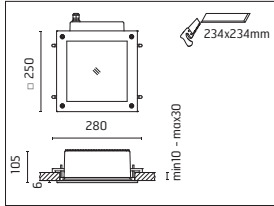
10335135
HIT-CE 35W G12
Remote ballast to be ordered



10371135
HIT-CE 70W G12
Remote ballast to be ordered

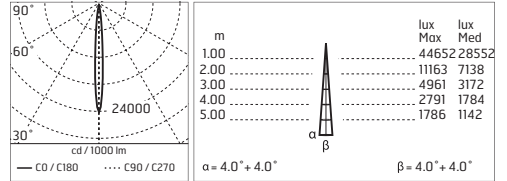


Ara Power LED / 250x250 mm - All Light - Transparent Glass - Narrow Beam 10°



10322412

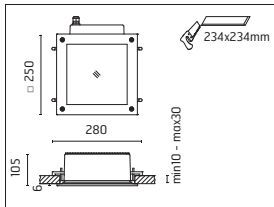
NATURAL WHITE 4000K
POWER LEDs
17,6W/220÷240V
Total power 20W
lm LED 1832 ≠ lm OUTPUT 1588
CRI >80
Integral electronic power supply



10310112

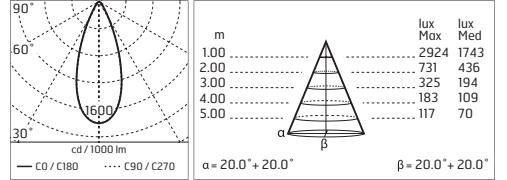
WARM WHITE 3000K
POWER LEDs
17,6W/220÷240V
Total power 20W
lm LED 1656 ≠ lm OUTPUT 1435
CRI >80
Integral electronic power supply

Ara Power LED / 250x250 mm - All Light - Transparent Glass - Medium Beam 40°



10322423

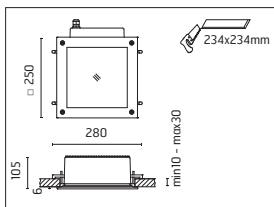
NATURAL WHITE 4000K
POWER LEDs
17,6W/220÷240V
Total power 20W
lm LED 1832 ≠ lm OUTPUT 1368
CRI >80
Integral electronic power supply



10310123

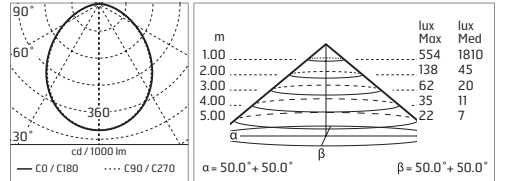
WARM WHITE 3000K
POWER LEDs
17,6W/220÷240V
Total power 20W
lm LED 1656 ≠ lm OUTPUT 1237
CRI >80
Integral electronic power supply

Ara Power LED / 250x250 mm - All Light - Sandblasted Glass



103224135

NATURAL WHITE 4000K
POWER LEDs
17,6W/220÷240V
Total power 20W
lm LED 1832 ≠ lm OUTPUT 1105
CRI >80
Integral electronic power supply



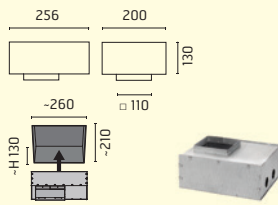
103101135

WARM WHITE 3000K
POWER LEDs
17,6W/220÷240V
Total power 20W
lm LED 1656 ≠ lm OUTPUT 999
CRI >80
Integral electronic power supply

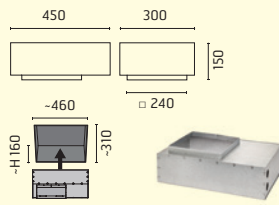


Accessories: Ara

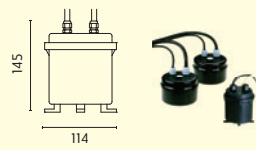
107
METAL BOX FOR INSTALLATION
IN CONCRETE CEILING 256x200xH130mm



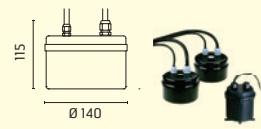
108
METAL BOX FOR INSTALLATION
IN CONCRETE CEILING 450x300xH150mm



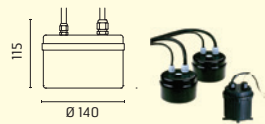
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



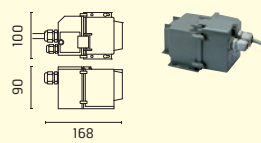
17
TRANSFORMER 200W
230V/12V 50Hz IP 66



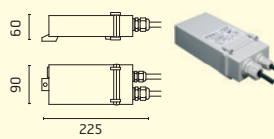
18
TRANSFORMER 300W
230V/12V 50Hz IP 66



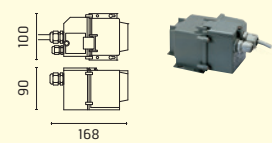
38
BALLAST HIT 35w/230V IP67



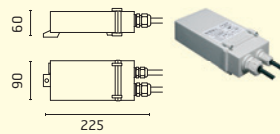
83
ELECTRONIC BALLAST
HIT 35W/220÷240V IP66



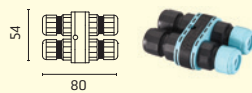
39
BALLAST HIT 70w/230V IP67



84
ELECTRONIC BALLAST
HIT 70W/220÷240V IP66



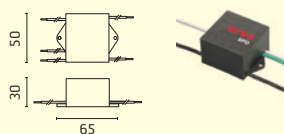
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 107 | 108 | 16 | 17 | 18 | 38 | 83 | 39 | 84 | 215 | 236 | 237 |
|--------------|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | |
| 1032123 | | • | | | | | | | | • | • | |
| 1032823 | • | | | | | | | | | • | • | |
| 1033323 | • | | • | • | • | | | | | • | • | |
| 1033523 | | • | | | | • | • | | | • | • | |
| 1036323 | | • | | | | | | | | • | • | |
| 1037123 | | • | | | | | | • | • | • | • | |
| 1039212 | • | | | | | | | | | • | • | • |
| 1039223 | • | | | | | | | | | • | • | • |
| 10310112 | | • | | | | | | | | • | • | • |
| 10310123 | | • | | | | | | | | • | • | • |
| 10321135 | | • | | | | | | | | • | • | |
| 10321712 | • | | | | | | | | | • | • | • |
| 10321723 | • | | | | | | | | | • | • | • |
| 10322412 | | • | | | | | | | | • | • | • |
| 10322423 | | • | | | | | | | | • | • | • |
| 10328134 | • | | | | | | | | | • | • | |
| 10333134 | • | | • | • | • | | | | | • | • | |
| 10335135 | | • | | | | • | • | | | • | • | |
| 10363135 | | • | | | | | | | | • | • | |
| 10371135 | | • | | | | | | • | • | • | • | |
| 10392134 | • | | | | | | | | | • | • | • |
| 103101135 | | • | | | | | | | | • | • | • |
| 103217134 | • | | | | | | | | | • | • | • |
| 103224135 | | • | | | | | | | | • | • | • |



- Bollard light.
- 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 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.
- 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

A++
A+
A

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



Bollard Light

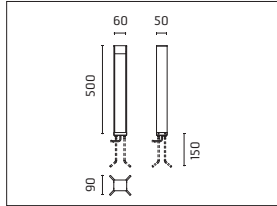
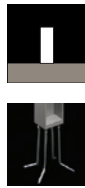
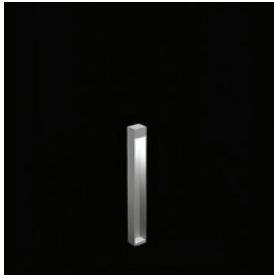


Pre-wired with approx 100mm of cable

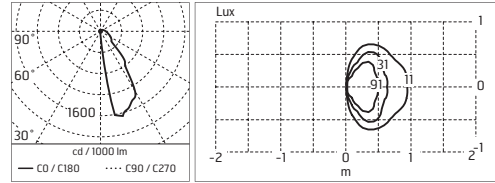


Protection against impact.
IK 07 - 2,00 joule

Klein500 CoB LED / Installation With Fixing Bolts - Direct 230V

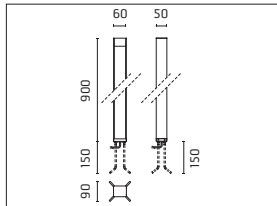
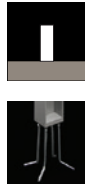


538015 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 5W/220±230V
 Total power 5,7W
 lm LED 480 ≠ lm OUTPUT 103
 CRI >80
 LED module set up to work directly connected to the mains

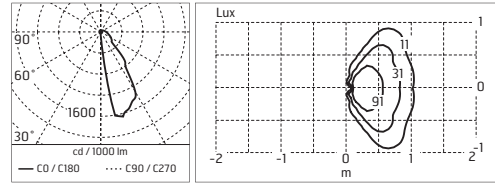


538016 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 5W/220±230V
 Total power 5,7W
 lm LED 460 ≠ lm OUTPUT 98
 CRI >80
 LED module set up to work directly connected to the mains

Klein900 CoB LED / Installation With Fixing Bolts - Direct 230V



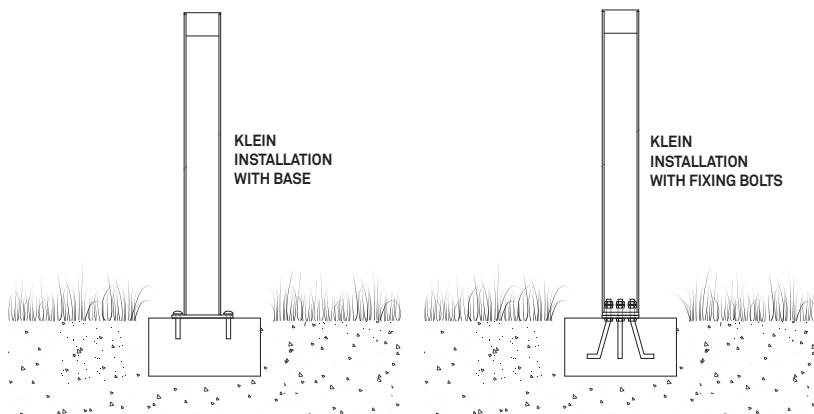
538017 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 5W/220±230V
 Total power 5,7W
 lm LED 480 ≠ lm OUTPUT 103
 CRI >80
 LED module set up to work directly connected to the mains



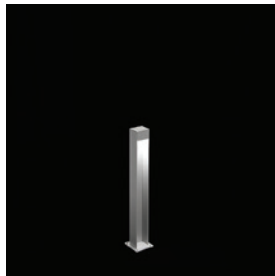
538018 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 5W/220±230V
 Total power 5,7W
 lm LED 460 ≠ lm OUTPUT 98
 CRI >80
 LED module set up to work directly connected to the mains

Correct Fixing Method
 Bollard fixed on plinth + suitable installation screws

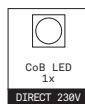
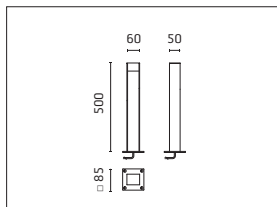
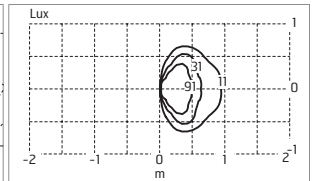
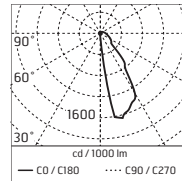
Correct Fixing Method
 Bollard fixed on plinth + fixing bolts



Klein500 CoB LED / Installation With Base - Direct 230V



538011 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 5W/220÷230V
 Total power 5,7W
 lm LED 480 ≈ lm OUTPUT 103
 CRI >80
 LED module set up to work directly connected to the mains

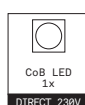
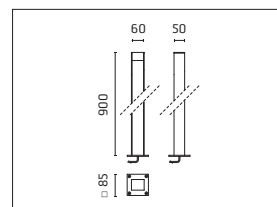
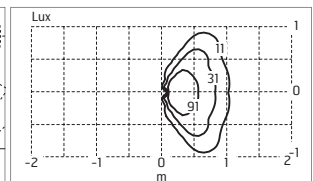
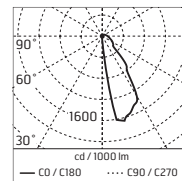


538012 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 5W/220÷230V
 Total power 5,7W
 lm LED 460 ≈ lm OUTPUT 98
 CRI >80
 LED module set up to work directly connected to the mains

Klein900 CoB LED / Installation With Base - Direct 230V



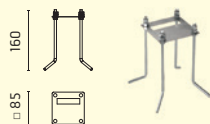
538013 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 5W/220÷230V
 Total power 5,7W
 lm LED 480 ≈ lm OUTPUT 103
 CRI >80
 LED module set up to work directly connected to the mains



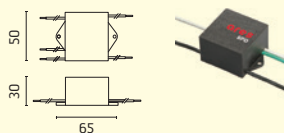
538014 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 5W/220÷230V
 Total power 5,7W
 lm LED 460 ≈ lm OUTPUT 98
 CRI >80
 LED module set up to work directly connected to the mains

Accessories: Klein

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 5A
 SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 216 | 237 |
|--------------|-----|-----|
| prod. code ▼ | | |
| 538011 | ● | ● |
| 538012 | ● | ● |
| 538013 | ● | ● |
| 538014 | ● | ● |
| 538015 | | ● |
| 538016 | | ● |
| 538017 | | ● |
| 538018 | | ● |











- Bollard light.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Extruded aluminium stem. Plastic diffuser: sandblasted
- 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 sandblasted 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 (with base) or IP67 (in-ground)
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: version with base: wiring through one M16 cable gland. Direct fixation with bolts to a concrete surface or through a dedicated fixing plate (to be ordered separately) in a concrete basement; version in-ground: wiring through two M16 cable glands. For a better stability, we recommend to concrete the root of the pole. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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

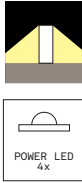
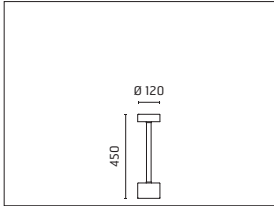
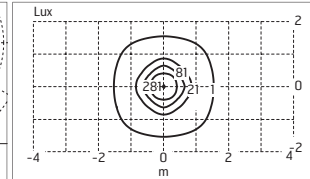
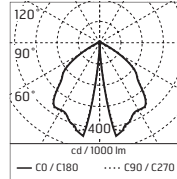


| | | | |
|---|--|---|--|
|  | Bollard Light_ surface |  | The fitting is equipped with 2 cable input for in-ground version |
|  | Bollard Light_in-ground base. Installation requires a 30cm water drainage layer (gravel) |  | The fitting is equipped with 1 cable input for base version |
|  | Recessed ground base |  | Remote device required for low voltage. |
|  | Do not install in hollow areas |  | Protection against impact. IK 10 - 20,00 joule |

Vincenza Power LED / H. 450 mm - With Base - 360° Symmetric Emission



10819592 **IP65** **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 780 ≠ lm OUTPUT 380
 CRI >80
 Integral electronic power supply

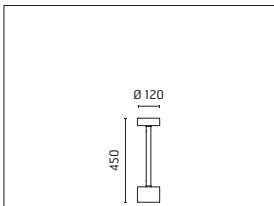
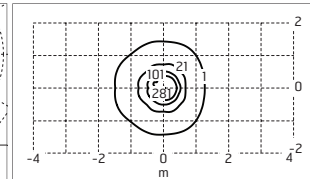
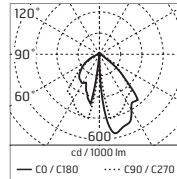


10813092 **IP65** **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 720 ≠ lm OUTPUT 351
 CRI >80
 Integral electronic power supply

Vincenza Power LED / H. 450 mm - With Base - 180° Asymmetric Emission



10819593 **IP65** **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 780 ≠ lm OUTPUT 380
 CRI >80
 Integral electronic power supply

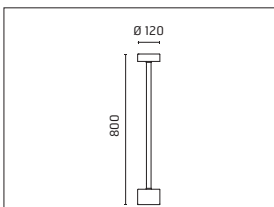
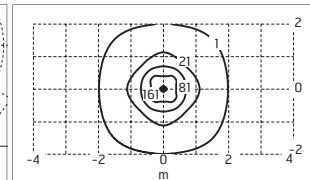
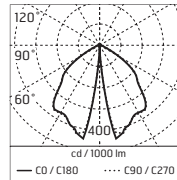


10813093 **IP65** **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 720 ≠ lm OUTPUT 351
 CRI >80
 Integral electronic power supply

Vincenza Power LED / H. 800 mm - With Base - 360° Symmetric Emission



10819594 **IP65** **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 780 ≠ lm OUTPUT 380
 CRI >80
 Integral electronic power supply

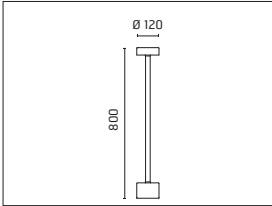
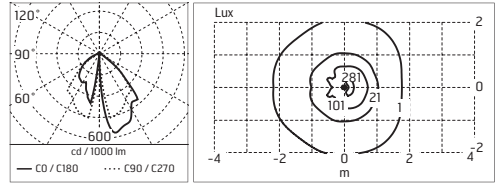


10813094 **IP65** **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 720 ≠ lm OUTPUT 351
 CRI >80
 Integral electronic power supply

Vincenza Power LED / H. 800 mm - With Base - 180° Asymmetric Emission



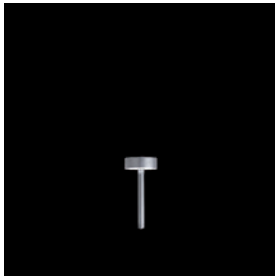
10819595 IP65 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 780 ≈ lm OUTPUT 380
 CRI >80
 Integral electronic power supply



10813095 IP65 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 6,4W/220÷240V
 Total power 8,5W
 lm LED 720 ≈ lm OUTPUT 351
 CRI >80
 Integral electronic power supply

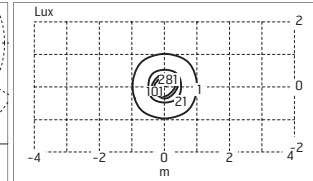
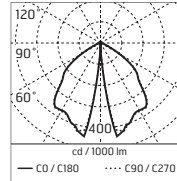


Vincenza Power LED / H. 200 mm - In-Ground Base - 360° Symmetric Emission



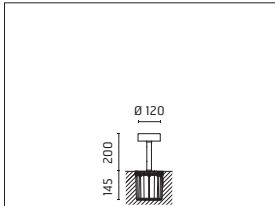
10819696 IP67 A+ A++

NATURAL WHITE 4000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 780 \approx lm OUTPUT 380
CRI >80
Remote electronic power supply
to be ordered



10813396 IP67 A+ A++

WARM WHITE 3000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 720 \approx lm OUTPUT 351
CRI >80
Remote electronic power supply
to be ordered

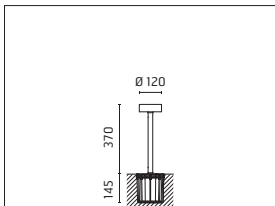
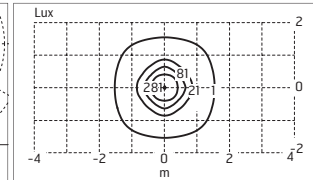
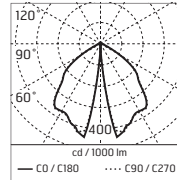


Vincenza Power LED / H. 370 mm - In-Ground Base - 360° Symmetric Emission



10819697 IP67 A+ A++

NATURAL WHITE 4000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 780 \approx lm OUTPUT 380
CRI >80
Remote electronic power supply
to be ordered



10813397 IP67 A+ A++

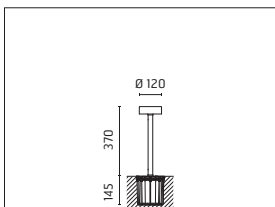
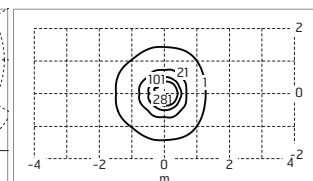
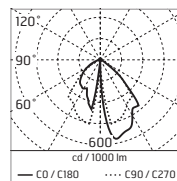
WARM WHITE 3000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 720 \approx lm OUTPUT 351
CRI >80
Remote electronic power supply
to be ordered

Vincenza Power LED / H. 370 mm - In-Ground Base - 180° Asymmetric Emission



10819698 IP67 A+ A++

NATURAL WHITE 4000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 780 \approx lm OUTPUT 380
CRI >80
Remote electronic power supply
to be ordered



10813398 IP67 A+ A++

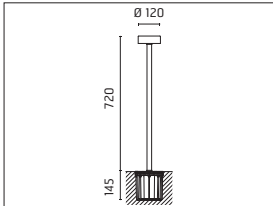
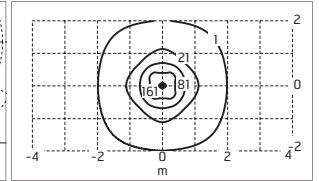
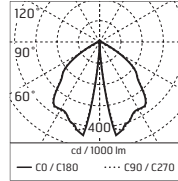
WARM WHITE 3000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 720 \approx lm OUTPUT 351
CRI >80
Remote electronic power supply
to be ordered

Vincenza Power LED / H. 720 mm - In-Ground Base - 360° Symmetric Emission



10819699 IP67 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 780 ≈ lm OUTPUT 380
CRI >80
Remote electronic power supply
to be ordered



10813399 IP67 A A+ A++

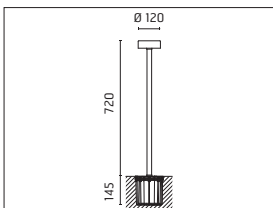
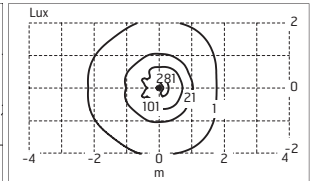
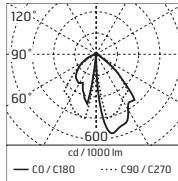
WARM WHITE 3000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 720 ≈ lm OUTPUT 351
CRI >80
Remote electronic power supply
to be ordered

Vincenza Power LED / H. 720 mm - In-Ground Base - 180° Asymmetric Emission



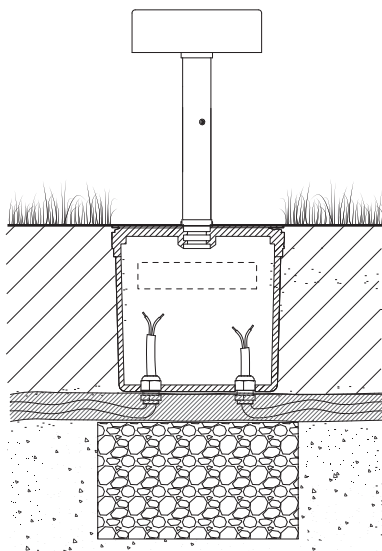
10819634 IP67 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 780 ≈ lm OUTPUT 380
CRI >80
Remote electronic power supply
to be ordered

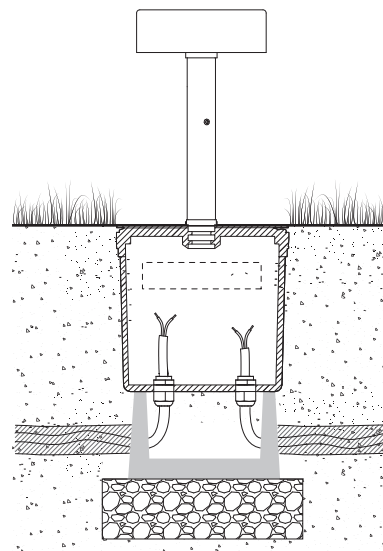


10813334 IP67 A A+ A++

WARM WHITE 3000K
POWER LEDs
6,4W/24Vdc
Total power 7,9W
lm LED 720 ≈ lm OUTPUT 351
CRI >80
Remote electronic power supply
to be ordered



Cable gland
mounted from
the inside



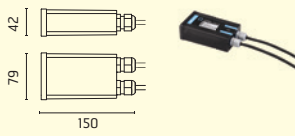
Cable gland
mounted from
the outside



Accessories: Vincenzo

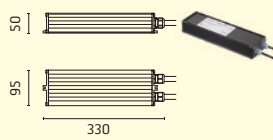
175

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



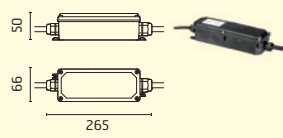
155

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



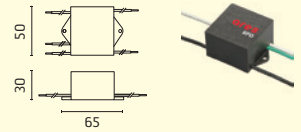
110

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



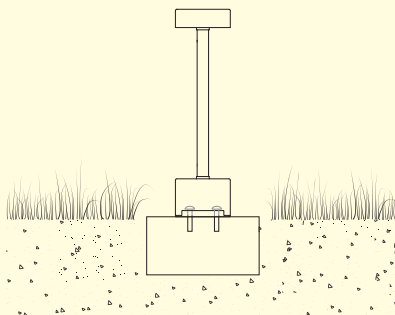
237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



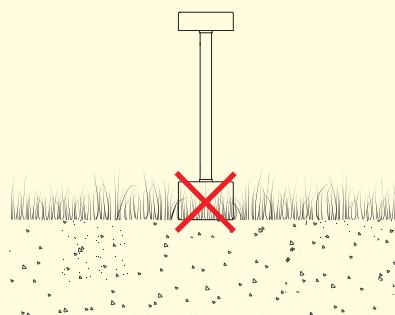
Correct Fixing Method

Bollard fixed on plint +
suitable installation screws



Incorrect Fixing Method

Do not fix the bollard directly on the ground



| acc. code ▶ | 175 | 155 | 110 | 237 |
|--------------|-----|-----|-----|-----|
| prod. code ▼ | | | | |
| 10813092 | | | | ● |
| 10813093 | | | | ● |
| 10813094 | | | | ● |
| 10813095 | | | | ● |
| 10813334 | 1 | 4 | 7 | |
| 10813396 | 1 | 4 | 7 | |
| 10813397 | 1 | 4 | 7 | |
| 10813398 | 1 | 4 | 7 | |
| 10813399 | 1 | 4 | 7 | |
| 10819592 | | | | ● |
| 10819593 | | | | ● |
| 10819594 | | | | ● |
| 10819595 | | | | ● |
| 10819634 | 1 | 4 | 7 | |
| 10819696 | 1 | 4 | 7 | |
| 10819697 | 1 | 4 | 7 | |
| 10819698 | 1 | 4 | 7 | |
| 10819699 | 1 | 4 | 7 | |

Max fixtures for each power supply (Vin 220=240). Data in the chart are provided as a guide only. Please verify according to your installation.

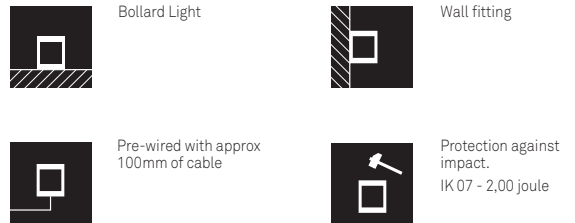


- Cylindrical bollard light.
- Configuration: die-cast aluminium cap, EN AB-47100 alloy (low copper content) and extruded aluminium pole. Polycarbonate diffuser: Transparent and UV-stabilised.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double 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 sandblasted 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: II
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables for an easy to make connection. We recommend installation on a concrete basement or surface, directly with bolts or through a dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

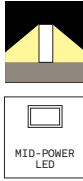
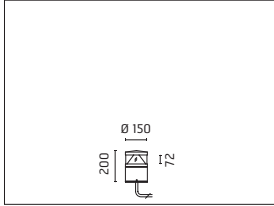
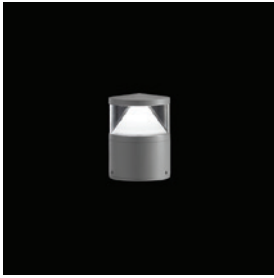
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

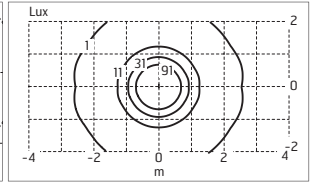
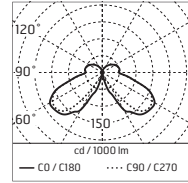
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Zefiro Mid-Power LED / H.200mm

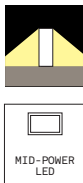
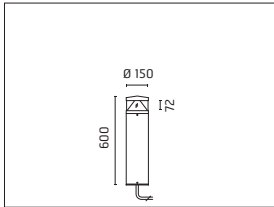


532002 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 14W/220÷240V
 Total power 17W
 lm LED 1937 ≈ lm OUTPUT 1494
 CRI >80
 Integral electronic power supply

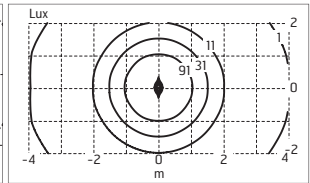
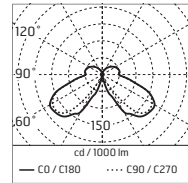


532003 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 14W/220÷240V
 Total power 17W
 lm LED 1845 ≈ lm OUTPUT 1423
 CRI >80
 Integral electronic power supply

Zefiro Mid-Power LED / H.600mm

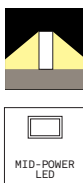
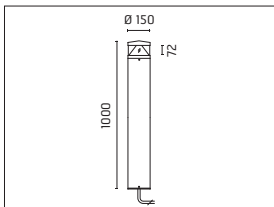


532005 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 14W/220÷240V
 Total power 17W
 lm LED 1937 ≈ lm OUTPUT 1494
 CRI >80
 Integral electronic power supply

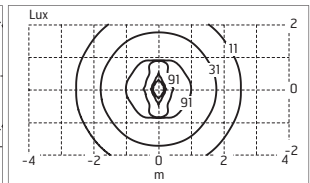
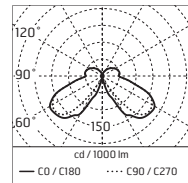


532006 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 14W/220÷240V
 Total power 17W
 lm LED 1845 ≈ lm OUTPUT 1423
 CRI >80
 Integral electronic power supply

Zefiro Mid-Power LED / H.1000mm



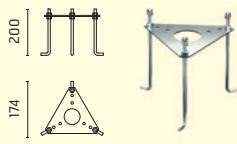
532008 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 14W/220÷240V
 Total power 17W
 lm LED 1937 ≈ lm OUTPUT 1494
 CRI >80
 Integral electronic power supply



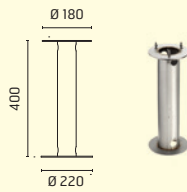
532009 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 14W/220÷240V
 Total power 17W
 lm LED 1845 ≈ lm OUTPUT 1423
 CRI >80
 Integral electronic power supply

Accessories: Zefiro

21
BASE PLATE AND FIXING BOLTS
174 x H 200mm

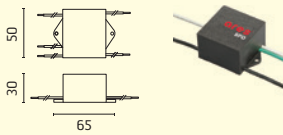


185
HIGH RESISTANCE IN-GROUND
FIXING BASE

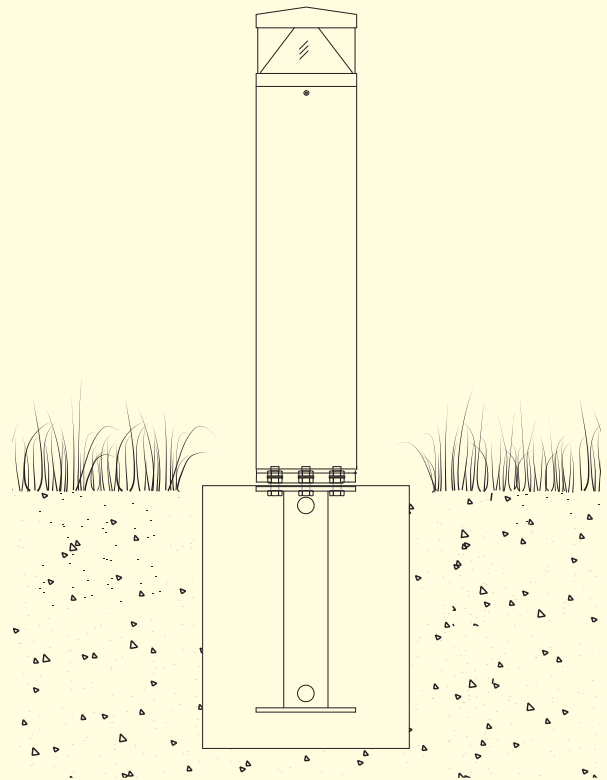
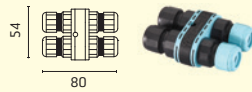


Zefiro + Code 185
(Code 185 high resistance in-ground fixing base)

237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



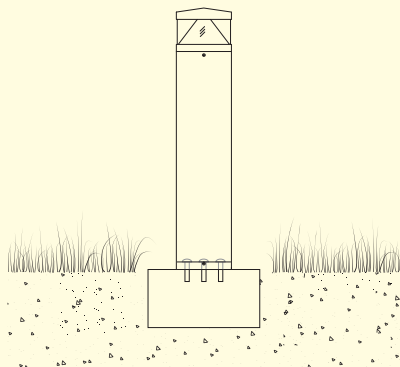
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



| acc. code ▶ | 21 | 185 | 237 | 215 |
|-------------|----|-----|-----|-----|
| 532002 | • | • | • | • |
| 532003 | • | • | • | • |
| 532005 | • | • | • | • |
| 532006 | • | • | • | • |
| 532008 | • | • | • | • |
| 532009 | • | • | • | • |

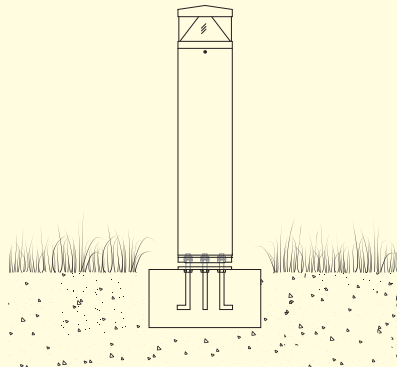
Correct Fixing Method

Bollard fixed on plint +
suitable installation screws



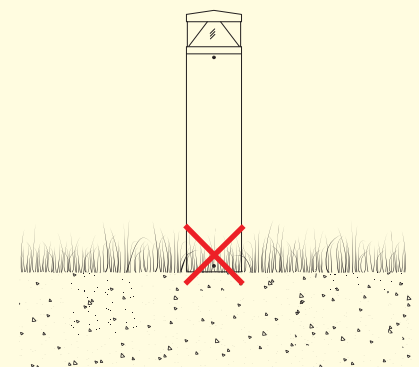
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





- Bollard light.
- Configuration: extruded aluminium structure. Polycarbonate diffuser: opal UV-stabilised.
- 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 sandblasted 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: II
- Installation: The LED module is housed in a sealed transparent polycarbonate cylinder with compensation valve. The luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and an adhesive 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). Outdoor use requires suitable flexible cables.
- 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 that cannot be replaced



Bollard light



Pre-wired with approx 200mm of cable

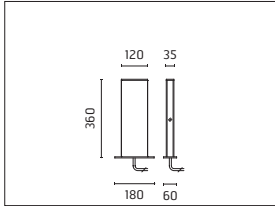
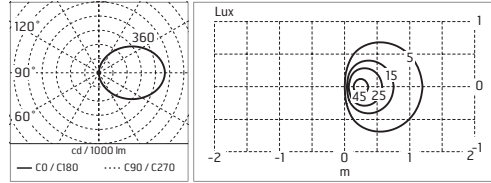


Protection against impact.
IK 08 - 5,00 joule

Talia Low-Power LED / H. 360 mm - Single Emission



503011 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 3W/220÷240V
 Total power 4W
 lm LED 216 ≠ lm OUTPUT 73
 CRI >80
 Integral electronic power supply



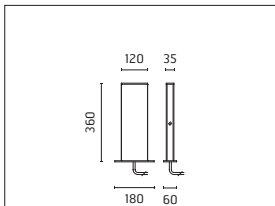
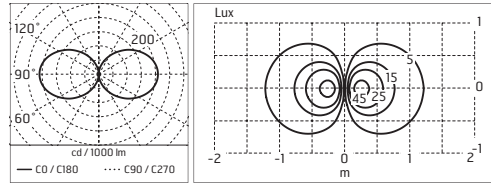
503006 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 3W/220÷240V
 Total power 4W
 lm LED 216 ≠ lm OUTPUT 73
 CRI >80
 Integral electronic power supply



Talia Low-Power LED / H. 360 mm - Double Emission



503012 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 2x(3W)/220÷240V
 Total power 7W
 lm LED 2x216 ≠ lm OUTPUT 2x73
 CRI >80
 Integral electronic power supply



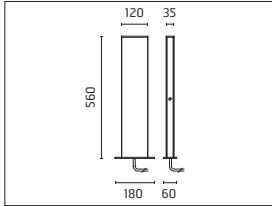
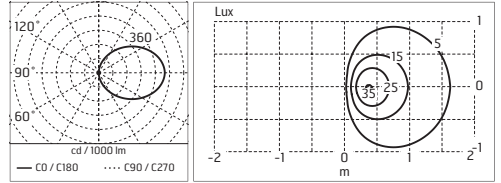
503008 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 2x(3W)/220÷240V
 Total power 7W
 lm LED 2x216 ≠ lm OUTPUT 2x73
 CRI >80
 Integral electronic power supply



Talia Low-Power LED / H. 560 mm - Single Emission



503009 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 5W/220÷240V
 Total power 6W
 lm LED 360 ≈ lm OUTPUT 123
 CRI >80
 Integral electronic power supply

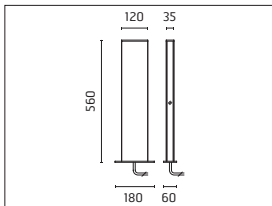
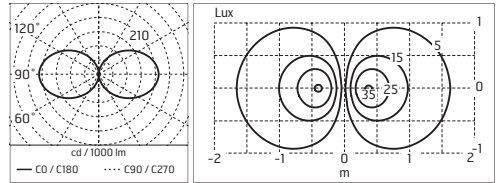


503002 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 5W/220÷240V
 Total power 6W
 lm LED 360 ≈ lm OUTPUT 123
 CRI >80
 Integral electronic power supply

Talia Low-Power LED / H. 560 mm - Double Emission



503010 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 2x(5W)/220÷240V
 Total power 11W
 lm LED 2x360 ≈ lm OUTPUT 2x123
 CRI >80
 Integral electronic power supply



503004 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 2x(5W)/220÷240V
 Total power 11W
 lm LED 2x360 ≈ lm OUTPUT 2x123
 CRI >80
 Integral electronic power supply

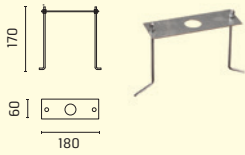




Accessories: Talia

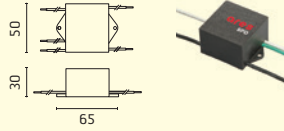
139

BASE PLATE AND FIXING BOLTS
180 x 60 x H 170mm



237

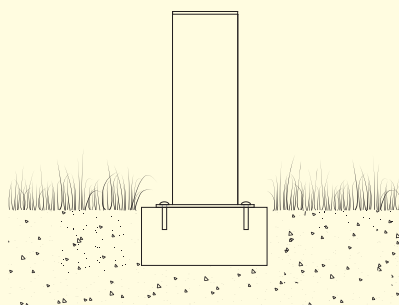
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 139 | 237 |
|--------------|-----|-----|
| prod. code ▼ | | |
| 503002 | • | • |
| 503004 | • | • |
| 503006 | • | • |
| 503008 | • | • |
| 503009 | • | • |
| 503010 | • | • |
| 503011 | • | • |
| 503012 | • | • |

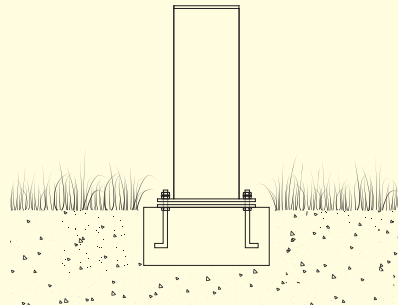
Correct Fixing Method

Bollard fixed on plinth +
suitable installation screws



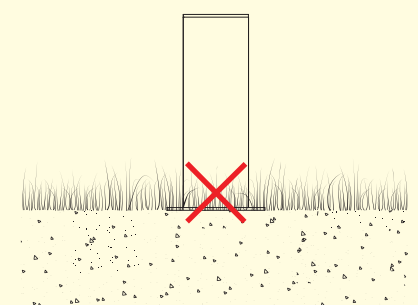
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





- Bollard light
- Configuration: extruded aluminium structure. Polycarbonate diffuser: satin UV-stabilised.
- 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 sandblasted 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: II
- Installation: the luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and an adhesive heat-shrink tubing for a watertight electrical connection. The use of a corrugated tube (Ø 30-50mm) 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). Outdoor use requires suitable flexible cables.
- 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 that cannot be replaced



Bollard light

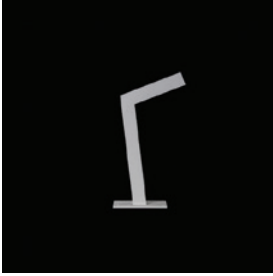


Pre-wired with approx 200mm of cable

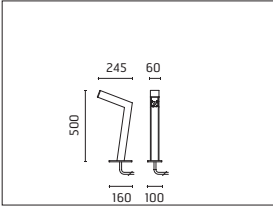
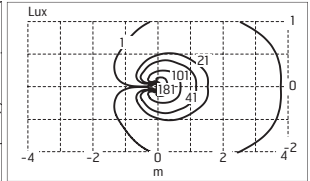
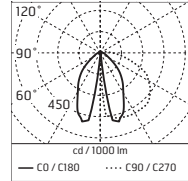


Protection against impact.
IK 10 - 20,00 joule

Sandro Power LED / H. 500 mm



502005 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 5,5W/100÷240V
 Total power 8W
 lm LED 650 ≠ lm OUTPUT 347
 CRI >80
 Integral electronic power supply

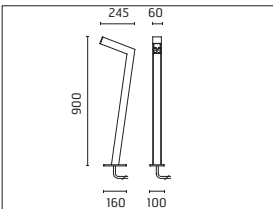
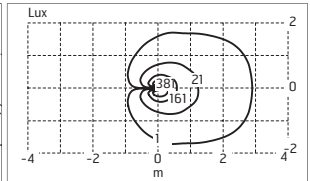
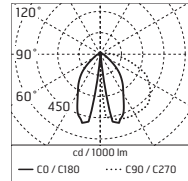


502006 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 5,5W/100÷240V
 Total power 8W
 lm LED 600 ≠ lm OUTPUT 321
 CRI >80
 Integral electronic power supply

Sandro Power LED / H. 900 mm



502002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 5,5W/100÷240V
 Total power 8W
 lm LED 650 ≠ lm OUTPUT 347
 CRI >80
 Integral electronic power supply



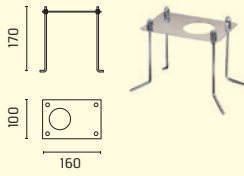
502003 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 5,5W/100÷240V
 Total power 8W
 lm LED 600 ≠ lm OUTPUT 321
 CRI >80
 Integral electronic power supply



Accessories: Sandro

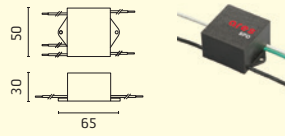
138

BASE PLATE AND FIXING BOLTS
160 x 100 x H 170mm



237

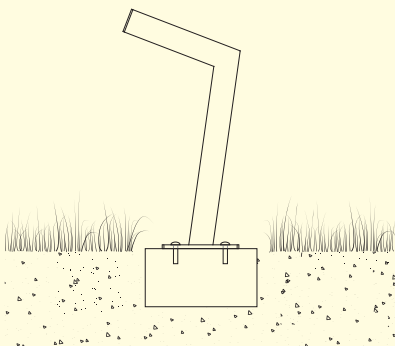
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| | | |
|--------------|-----|-----|
| acc. code ▶ | 138 | 237 |
| prod. code ▼ | | |
| 502002 | • | • |
| 502003 | • | • |
| 502004 | • | • |
| 502005 | • | • |

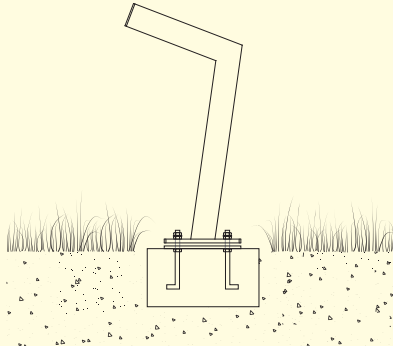
Correct Fixing Method

Bollard fixed on plinth +
suitable installation screws



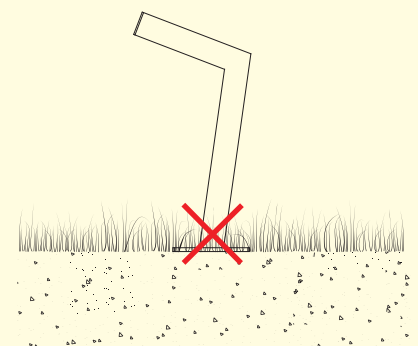
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





VIVIANA

- Bollard light.
- 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 standards
- Class of insulation: I
- Installation: wiring through two rubber cable glands (8ϕ<math><13\text{mm}</math> 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 that cannot be replaced



.7 Zinc



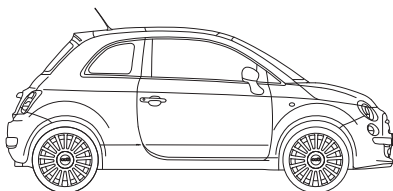
Bollard Light



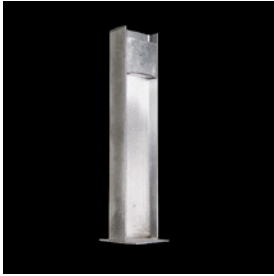
The fitting is equipped with 2 cable input.



Protection against impact.
IK 10 - 20,00 joule

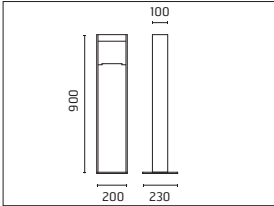
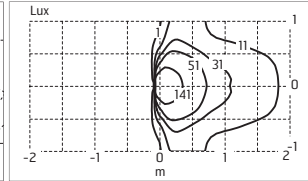
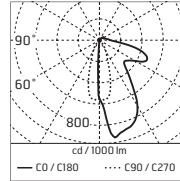


Viviana Power LED



10419700 **A A+ A++**

NATURAL WHITE 4000K
 POWER LEDs
 8W/220÷240V
 Total power 11W
 lm LED 975 ≠ lm OUTPUT 261
 CRI >80
 Integral electronic power supply



10410400 **A A+ A++**

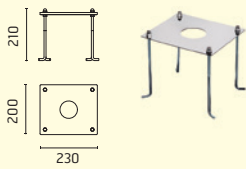
WARM WHITE 3000K
 POWER LEDs
 8W/220÷240V
 Total power 11W
 lm LED 900 ≠ lm OUTPUT 241
 CRI >80
 Integral electronic power supply



Accessories: Viviana

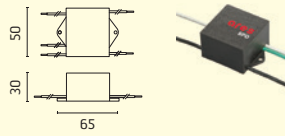
109

BASE PLATE AND FIXING BOLTS
200 x 230 x H 210mm



237

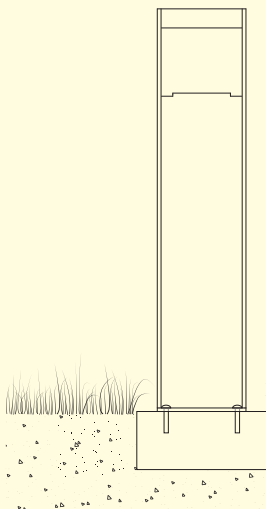
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| | | |
|--------------|-----|-----|
| acc. code ▶ | 109 | 237 |
| prod. code ▼ | | |
| 10419700 | • | • |
| 10410400 | • | • |

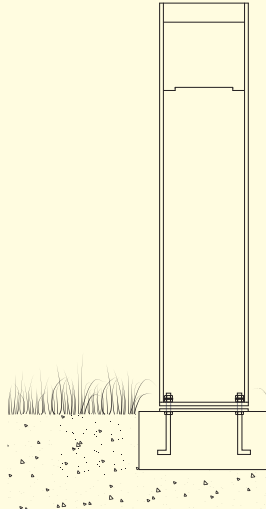
Correct Fixing Method

Bollard fixed on plinth +
suitable installation screws



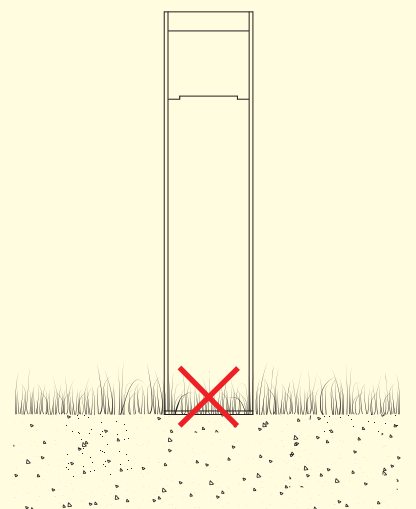
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground









NEW TORCIA

- Cylindrical light for installation on wall or as a 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). Polycarbonate diffuser: LED: opal; fluorescent: transparent with metal antiglare louvre.
- 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 sandblasted 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 a piece of cable with a 2-way connector for 3-conductor cables for an easy-to-make connection. New Torcia LED: direct connection to the mains. Outdoor use requires suitable flexible cables. Pole with base: direct fixation with bolts to a concrete surface or through a dedicated fixing plate (to be ordered separately) in a concrete basement; Pole in-ground: for a better stability, we recommend to concrete the root of the pole.
- 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 that 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 from the head. Connection to be done inside the pole

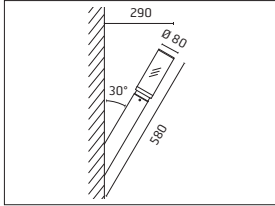
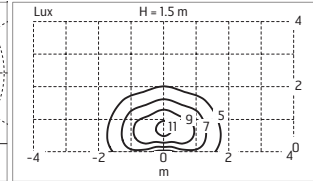
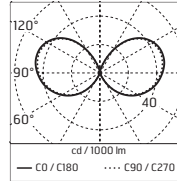


Protection against impact. IK 09 -10,00 joule

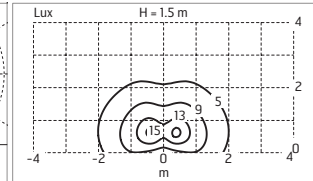
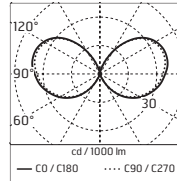
New Torcia / Wall Version



528001 **A**
TC-DEL 18W G24q-2
Electronic ballast



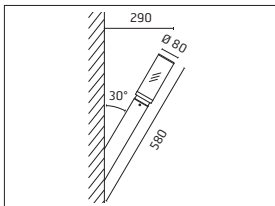
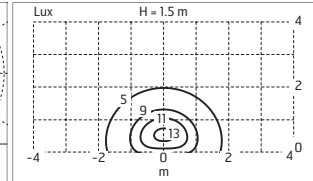
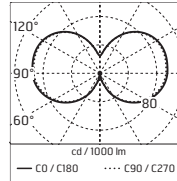
528002 **A**
TC-DEL 26W G24q-3
Electronic ballast



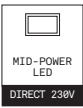
New Torcia Mid-Power LED / Wall Version - Direct 230V



528004 **A A+ A++**
NATURAL WHITE 4000K
MID-POWER LEDs
8W/220÷230V
Total power 9W
lm LED 740 ≠ lm OUTPUT 665
CRI >80
LED module set up to work
directly connected to the mains



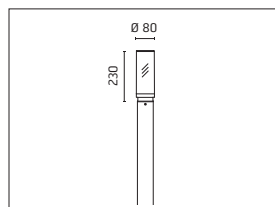
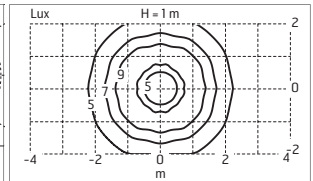
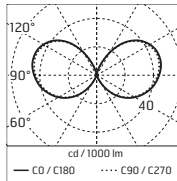
528005 **A A+ A++**
WARM WHITE 3000K
MID-POWER LEDs
8W/220÷230V
Total power 9W
lm LED 700 ≠ lm OUTPUT 630
CRI >80
LED module set up to work
directly connected to the mains



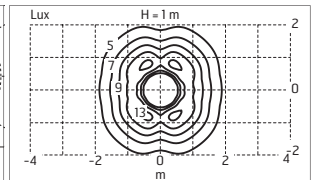
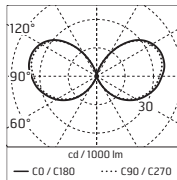
New Torcia / Pole Version



528006 **A**
TC-DEL 18W G24q-2
Electronic ballast



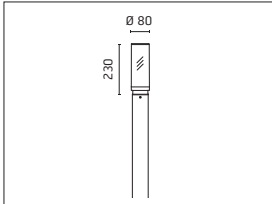
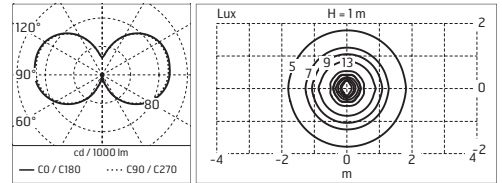
528007 **A**
TC-DEL 26W G24q-3
Electronic ballast



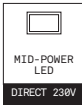
New Torcia Mid-Power LED / Pole Version - Direct 230V



528009 **A+ A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 8W/220÷230V
 Total power 9W
 lm LED 740 ≈ lm OUTPUT 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
 lm LED 700 ≈ lm OUTPUT 630
 CRI >80
 LED module set up to work
 directly connected to the mains



New Torcia / Poles

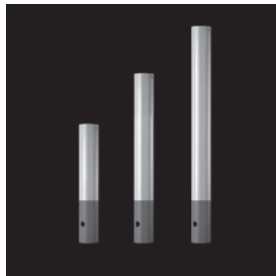


1505
H. 500 mm

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

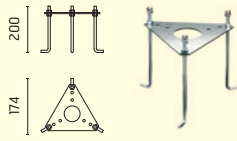
In-Ground (+300 mm Root)



Accessories: New Torcia

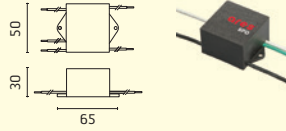
21

BASE PLATE AND FIXING BOLTS
174 x h 200mm



237

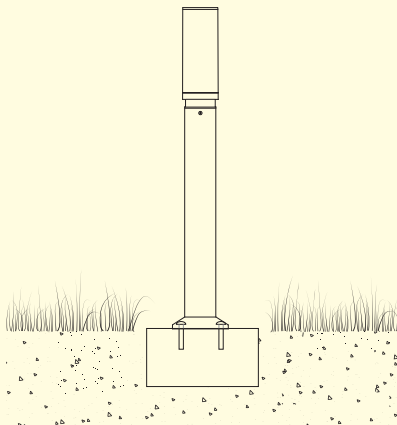
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 21 | 237 |
|--------------|----|-----|
| prod. code ▼ | | |
| 528001 | | |
| 528002 | | |
| 528004 | | ● |
| 528005 | | ● |
| 528006 | | |
| 528007 | | |
| 528009 | | ● |
| 528010 | | ● |
| 1505 | ● | |
| 1509 | ● | |
| 1512 | ● | |
| 1605 | | |
| 1609 | | |
| 1610 | | |

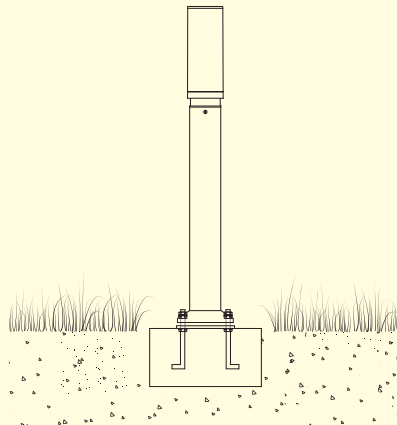
Correct Fixing Method

Bollard fixed on plint +
suitable installation screws



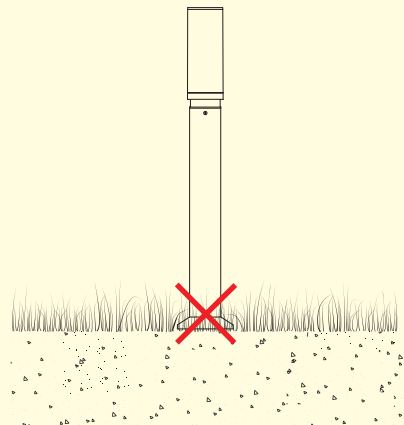
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





MINISILVIA

MINISILVIA ON POST

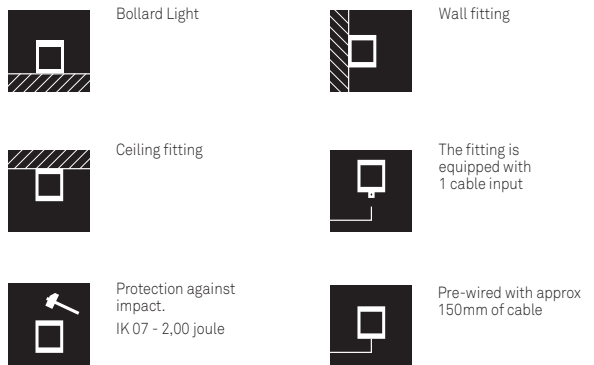
SILVIA

SILVIA ON POST

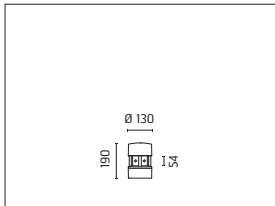
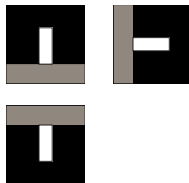
- Cylindrical light for installation on wall, ceiling and floor or as a bollard light – surface.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”). Borosilicate diffuser: transparent or sandblasted.
- Double layer coating 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 sandblasted 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: the luminaire is equipped with one M16 cable gland (4,5\times10mm cables) placed under the head of the luminaire. Mini Silvia on post: the luminaire is equipped with a piece of cable and a watertight 3-ways connector (for cables 5\times13mm) for direct or end-to-end connection. Outdoor use requires suitable flexible cables. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (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

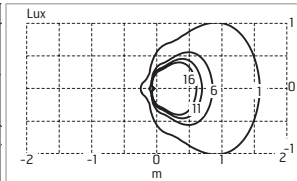
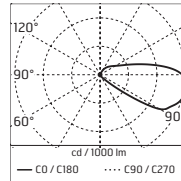
| | |
|--|--|
| | METAL HALIDE VERSION: Class A+ HIT-TC-CE/G8,5 |
| | FLUORESCENT VERSION: Class A TC-DEL/G24q-1 TC-DEL/G24q-2 |
| | HALOGEN VERSION: Class D QT32/E27 |



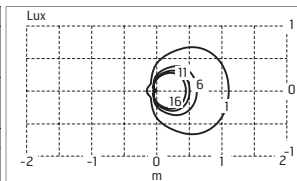
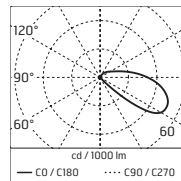
MiniSilvia / Sandblasted Glass - 120° Emission



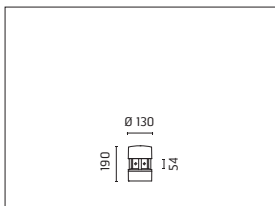
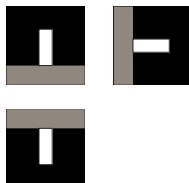
930121 D
QT 32 60W E27



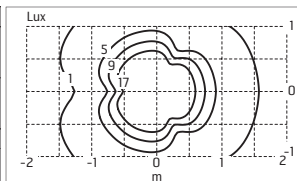
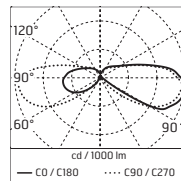
934021 A
TC-DEL 10W G24q-1
Electronic ballast



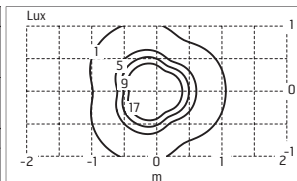
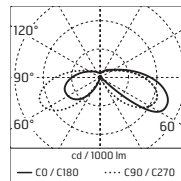
MiniSilvia / Sandblasted Glass - 360° Emission



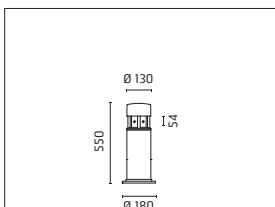
930100 D
QT 32 60W E27



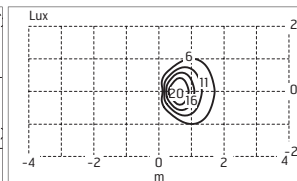
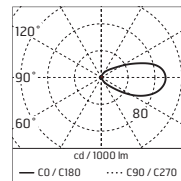
934000 A
TC-DEL 10W G24q-1
Electronic ballast



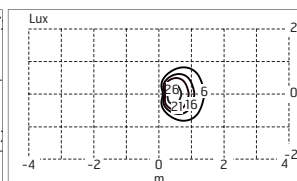
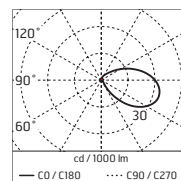
MiniSilvia on post / H. 550 mm - Sandblasted Glass - 120° Emission



930181 D
QT 32 60W E27



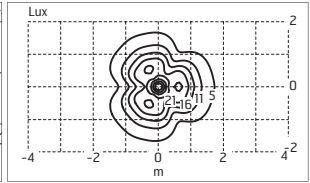
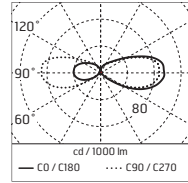
935981 A
TC-DEL 18W G24q-2
Electronic ballast



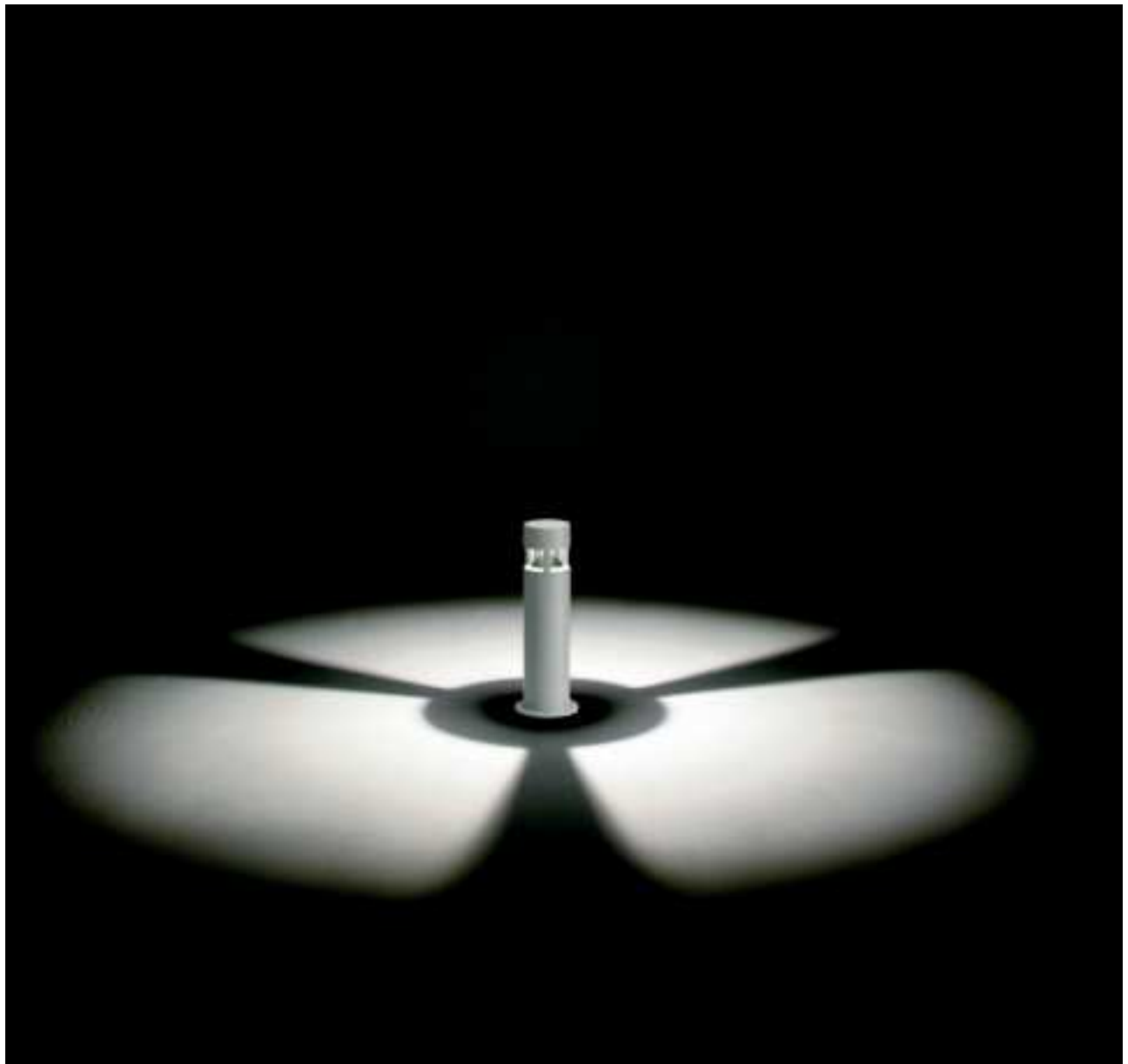
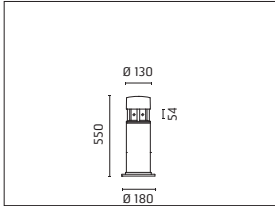
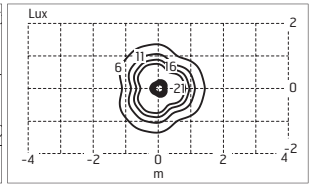
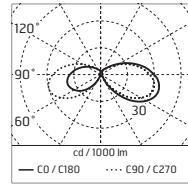
MiniSilvia on post / H. 550 mm - Sandblasted Glass - 360° Emission



930178 **D**
QT 32 60W E27



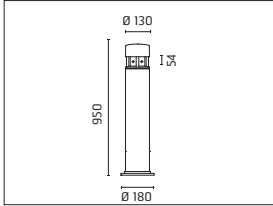
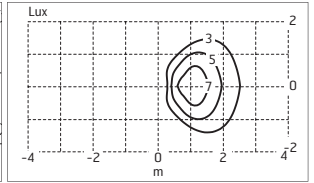
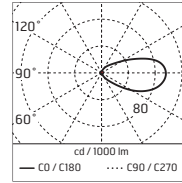
935978 **A**
TC-DEL 18W G24q-2
Electronic ballast



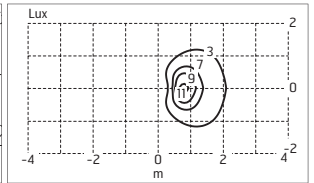
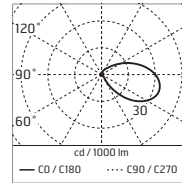
MiniSilvia on post / H. 950 mm - Sandblasted Glass - 120° Emission



930182 **D**
QT 32 60W E27



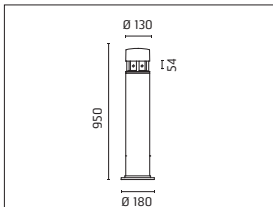
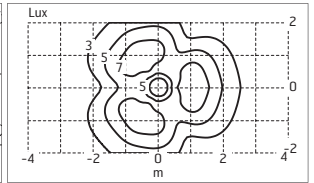
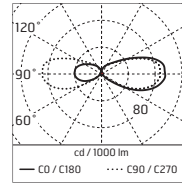
935982 **A**
TC-DEL 18W G24q-2
Electronic ballast



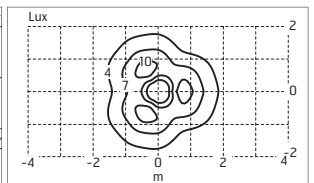
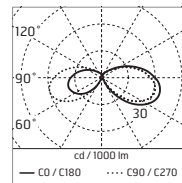
MiniSilvia on post / H. 950 mm - Sandblasted Glass - 360° Emission



930179 **D**
QT 32 60W E27



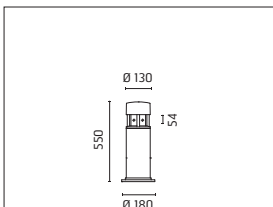
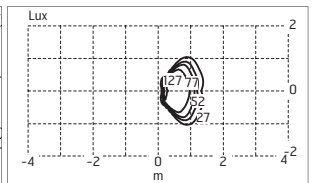
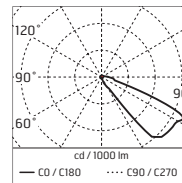
935979 **A**
TC-DEL 18W G24q-2
Electronic ballast



MiniSilvia on post / H. 550 mm - Transparent Glass - 120° Emission



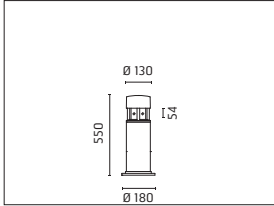
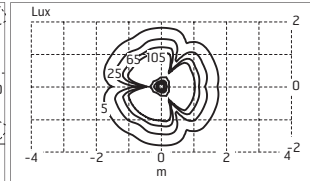
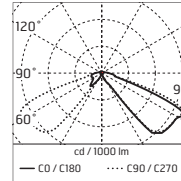
936787 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast



MiniSilvia on post / H. 550 mm - Transparent Glass - 360° Emission



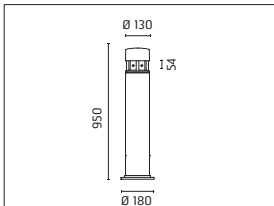
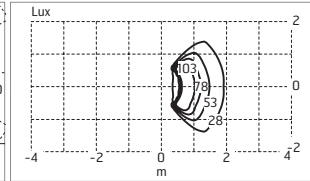
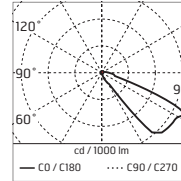
936784 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast



MiniSilvia on post / H. 950 mm - Transparent Glass - 120° Emission



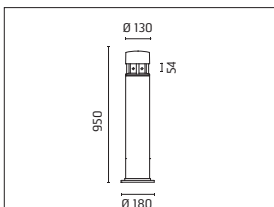
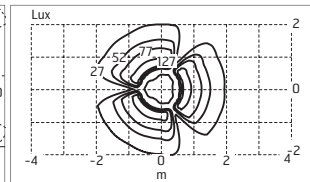
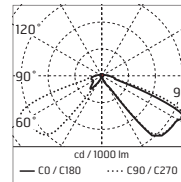
936788 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast



MiniSilvia on post / H. 950 mm - Transparent Glass - 360° Emission



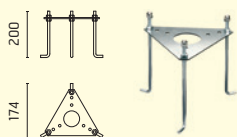
936785 **A+**
HIT-TC-CE 35W G8,5
Electronic ballast





Accessories: MiniSilvia - MiniSilvia on post

21
BASE PLATE AND FIXING BOLTS
 174 x h 200mm

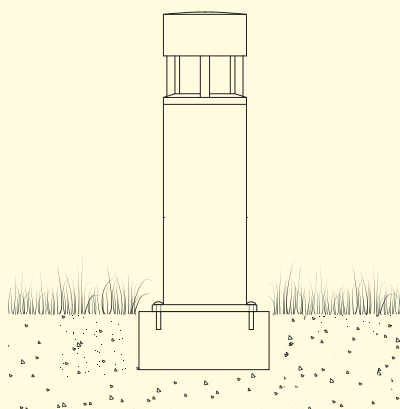


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| 930100 | |
| 930121 | |
| 934000 | |
| 934021 | |

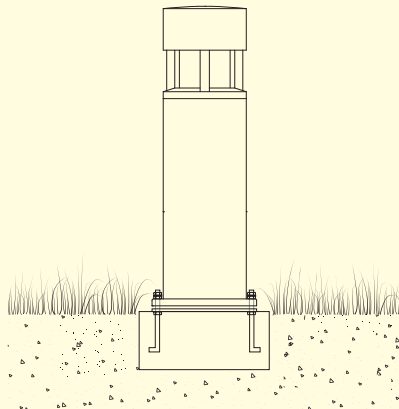
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| prod. code ▼ | |
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| 930181 | ● |
| 930182 | ● |
| 935978 | ● |
| 935979 | ● |

| acc. code ▶ | 21 |
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| prod. code ▼ | |
| 935981 | ● |
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| 936785 | ● |
| 936787 | ● |
| 936788 | ● |

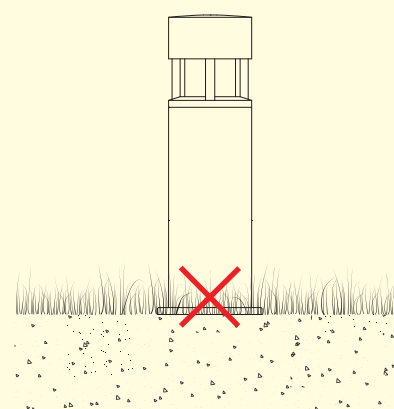
Correct Fixing Method
 Bollard fixed on plinth + suitable installation screws



Correct Fixing Method
 Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
 Do not fix the bollard directly on the ground

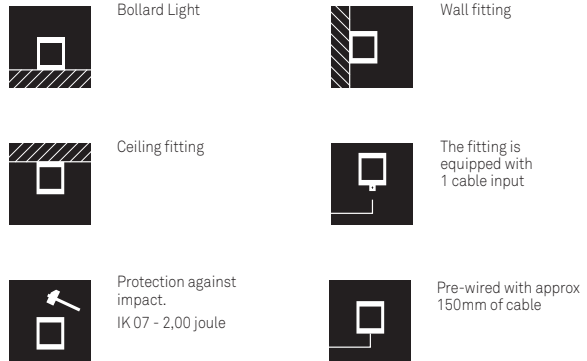


SILVIA_SILVIA ON POST

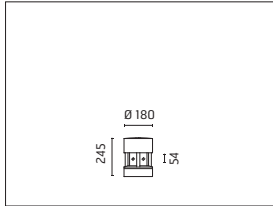
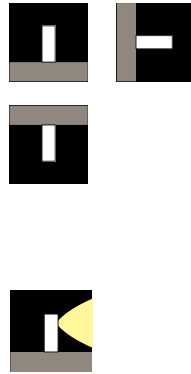
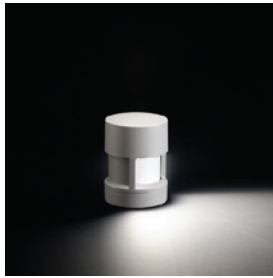
- Cylindrical light for installation on wall, ceiling and floor or as a bollard light – surface.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”). Borosilicate diffuser: transparent or sandblasted.
- Double layer coating 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 sandblasted 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: the luminaire is equipped with one M20 cable gland (6$\times\varnothing$<math><12\text{mm}</math> cables) placed under the head of the luminaire. Silvia on post: the luminaire is equipped with a piece of cable and a watertight 3-ways connector (for cables 5<math><\varnothing</math><math><13\text{mm}</math>) for direct or end-to-end connection.
- Outdoor use requires suitable flexible cables. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (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

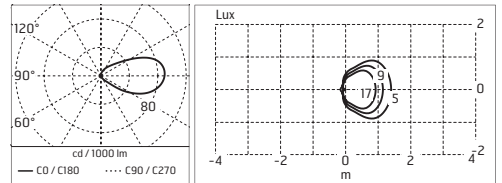
- A+** **METAL HALIDE VERSION:**
Class A+
HIT-CE/G12
- A** **FLUORESCENT VERSION:**
Class A
TC-TEL/GX24q-3
- D** **HALOGEN VERSION:**
Class D
QT32/E27



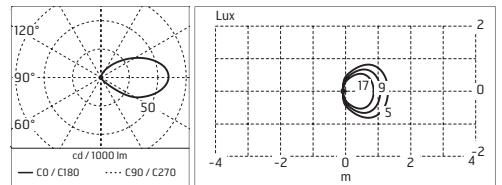
Silvia / Sandblasted Glass - 120° Emission



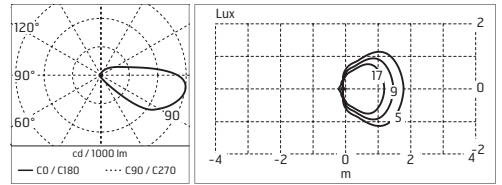
850121 D
QT 32 100W E27



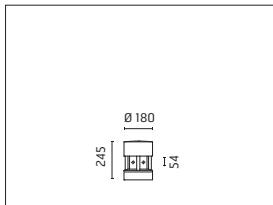
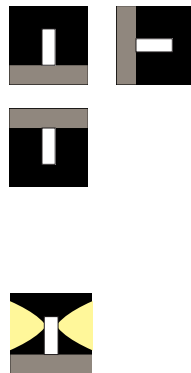
859821 A
TC-TEL 26W GX24q-3
Electronic ballast



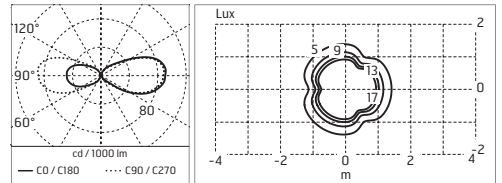
853521 A+
HIT-CE 35W G12



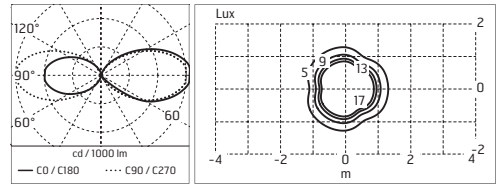
Silvia / Sandblasted Glass - 360° Emission



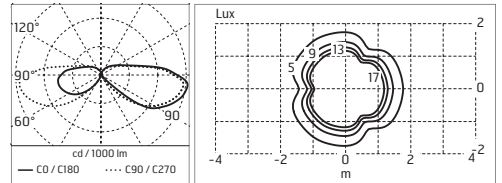
850100 D
QT 32 100W E27



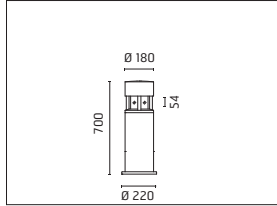
859800 A
TC-TEL 26W GX24q-3
Electronic ballast



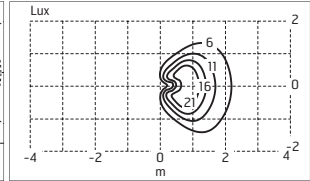
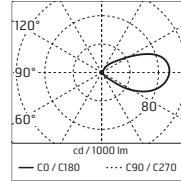
853500 A+
HIT-CE 35W G12



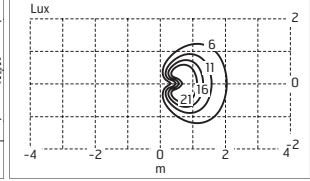
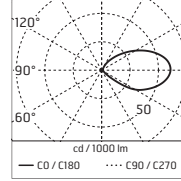
Silvia / Sandblasted Glass - 120° Emission



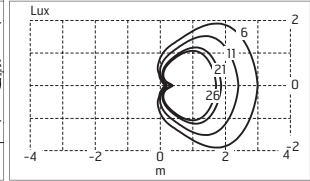
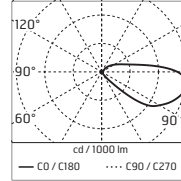
850175 **D**
QT 32 100W E27



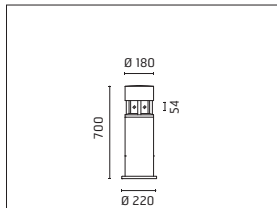
859875 **A**
TC-TEL 26W GX24q-3
Electronic ballast



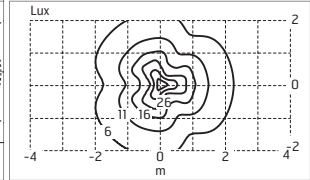
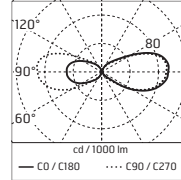
853575 **A***
HIT-CE 35W G12



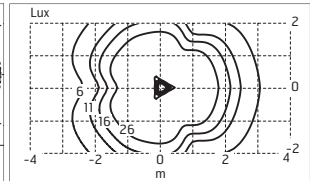
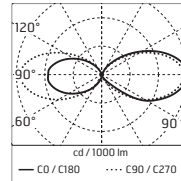
Silvia on post / H. 700 mm - Sandblasted Glass - 360° Emission



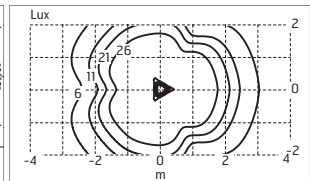
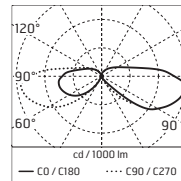
850173 **D**
QT 32 100W E27



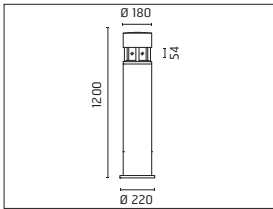
859873 **A**
TC-TEL 26W GX24q-3
Electronic ballast



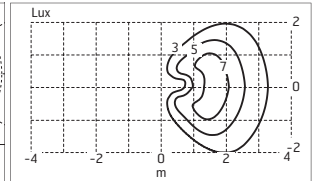
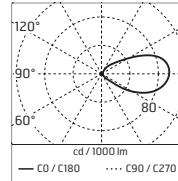
853573 **A***
HIT-CE 35W G12



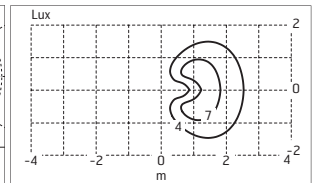
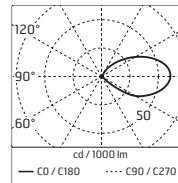
Silvia on post / H. 1200 mm - Sandblasted Glass - 120° Emission



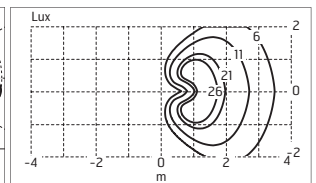
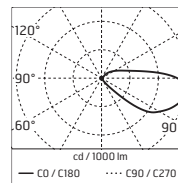
850176 D
QT 32 100W E27



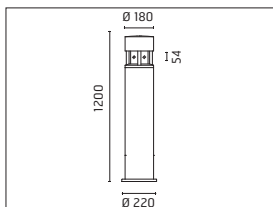
859876 A
TC-TEL 26W GX24q-3
Electronic ballast



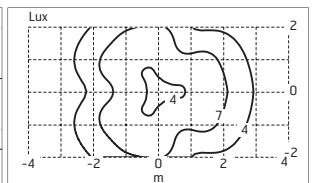
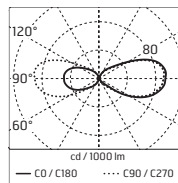
853576 A+
HIT-CE 35W G12



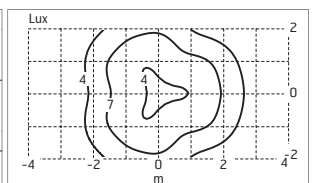
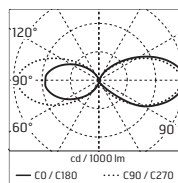
Silvia on post / H. 1200 mm - Sandblasted Glass - 360° Emission



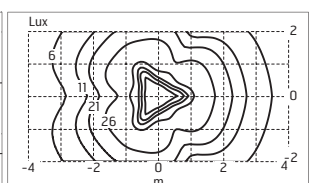
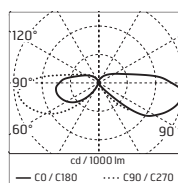
850174 D
QT 32 100W E27



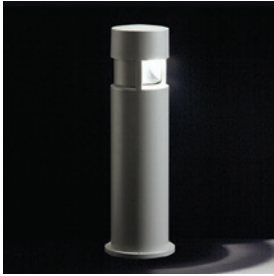
859874 A
TC-TEL 26W GX24q-3
Electronic ballast



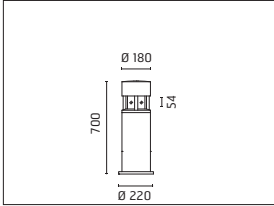
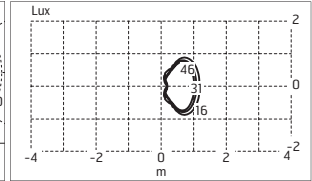
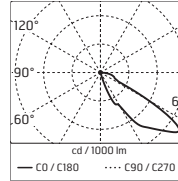
853574 A+
HIT-CE 35W G12



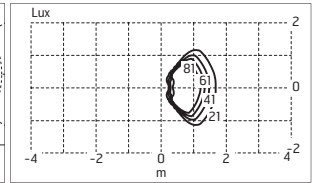
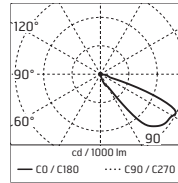
Silvia on post / H. 700 mm - Transparent Glass - 120° Emission



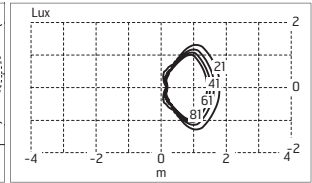
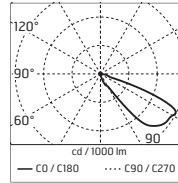
850169 **D**
QT 32 150W E27



853569 **A+**
HIT-CE 35W G12



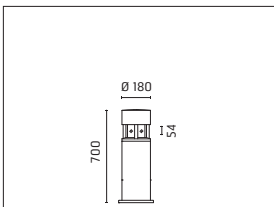
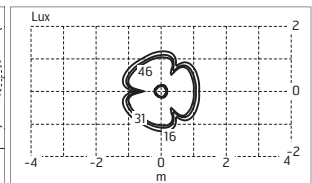
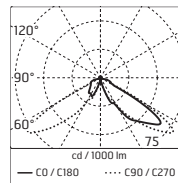
857169 **A+**
HIT-CE 70W G12



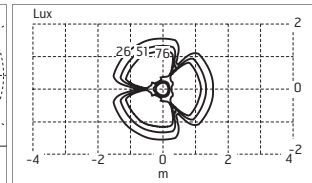
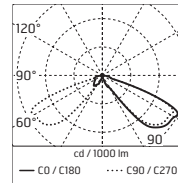
Silvia on post / H. 700 mm - Transparent Glass - 360° Emission



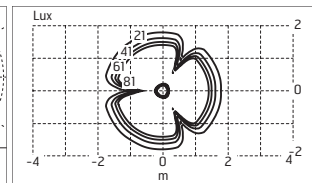
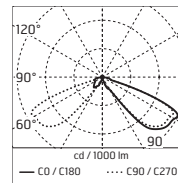
850167 **D**
QT 32 150W E27



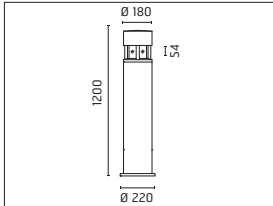
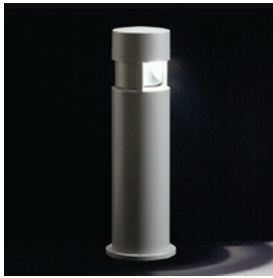
853567 **A+**
HIT-CE 35W G12



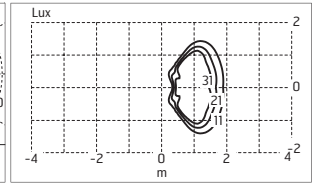
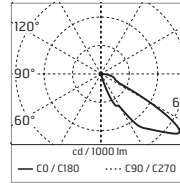
857167 **A+**
HIT-CE 70W G12



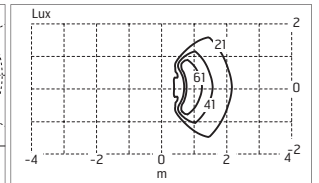
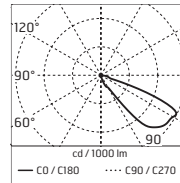
Silvia on post / H. 1200 mm - Transparent Glass - 120° Emission



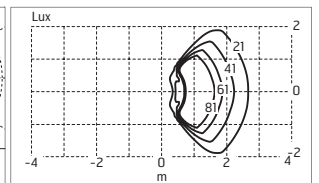
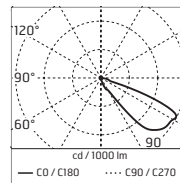
850170 D
QT 32 150W E27



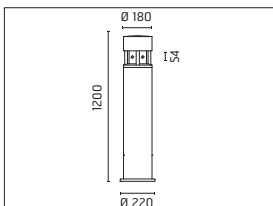
853570 A+
HIT-CE 35W G12



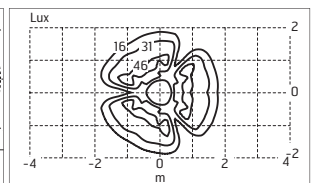
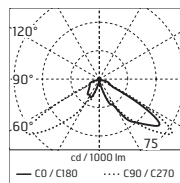
857170 A+
HIT-CE 70W G12



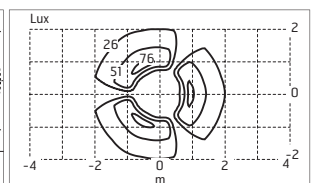
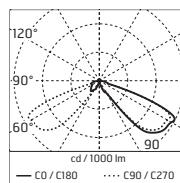
Silvia on post / H. 1200 mm - Transparent Glass - 360° Emission



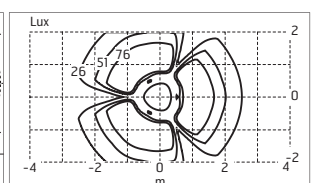
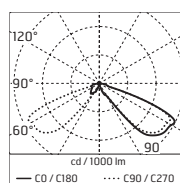
850168 D
QT 32 150W E27



853568 A+
HIT-CE 35W G12



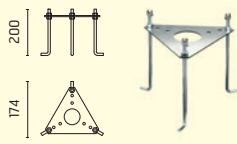
857168 A+
HIT-CE 70W G12





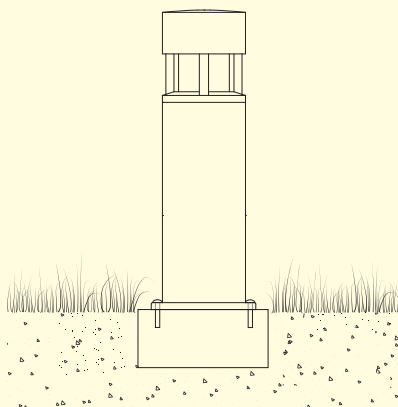
Accessories: Silvia - Silvia on post

21
BASE PLATE AND FIXING BOLTS
 174 x h 200mm

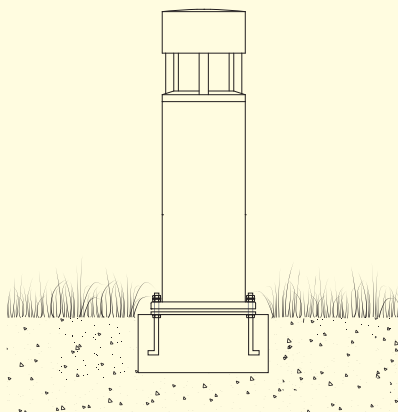


| acc. code ▶ | 21 | acc. code ▶ | 21 |
|--------------|----|--------------|----|
| prod. code ▼ | | prod. code ▼ | |
| 850100 | | 850167 | • |
| 850121 | | 850168 | • |
| 853500 | | 850169 | • |
| 853521 | | 850170 | • |
| 859800 | | 850173 | • |
| 859821 | | 850174 | • |
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| | | 850176 | • |
| | | 853567 | • |
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| | | 853570 | • |
| | | 853573 | • |
| | | 853574 | • |
| | | 853575 | • |
| | | 853576 | • |
| | | 857167 | • |
| | | 857168 | • |
| | | 857169 | • |
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| | | 859874 | • |
| | | 859875 | • |
| | | 859876 | • |

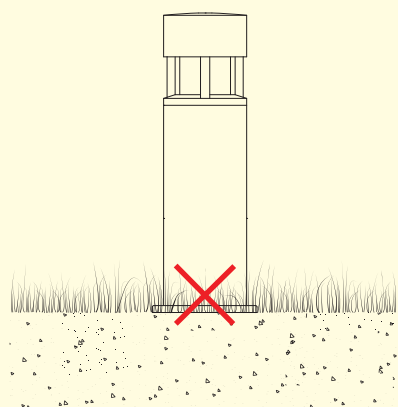
Correct Fixing Method
 Bollard fixed on plinth +
 suitable installation screws



Correct Fixing Method
 Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
 Do not fix the bollard directly on the ground



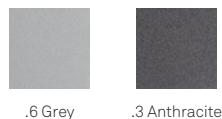


- Projector for installation on wall or on pole (Ø76mm or Ø102mm).
- Configuration: extruded aluminium structure with die-cast closing ends, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear with silk-screen border, fixed to the aluminium through a robotic gluing system.
- Double layer 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: the luminaire is equipped with 400mm cable and a 2-way terminal block for 3-conductor cables - IP68.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



Wall fitting



Installation on pole



Pre-wired with approx 400mm of cable

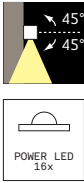
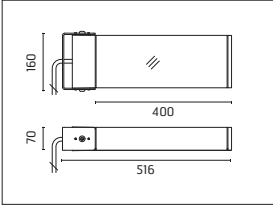
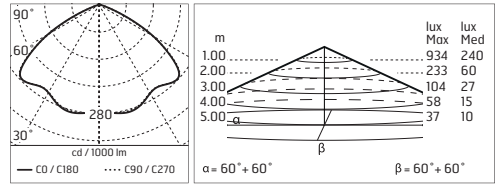


Protection against impact
IK 09 - 10,00 joule

Dooku400 Power LED / Wall Version - Adjustable - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539074 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4262 ≈ lm OUTPUT 3374
 CRI >80
 Integral electronic power supply



539075 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4003 ≈ lm OUTPUT 3168
 CRI >80
 Integral electronic power supply

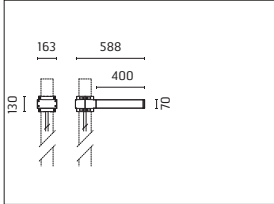
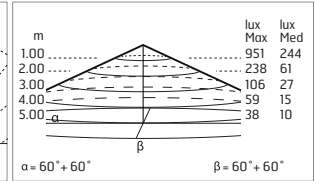
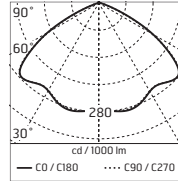




Dooku400 Power LED / Pole Ø 76mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539038 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4262 ≠ lm OUTPUT 3374
 CRI >80
 Integral electronic power supply

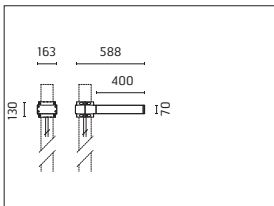
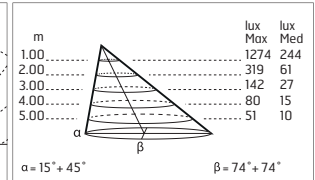
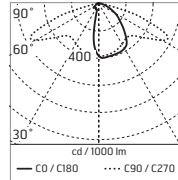


539039 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4003 ≠ lm OUTPUT 3168
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic



539041 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4262 ≠ lm OUTPUT 3121
 CRI >80
 Integral electronic power supply

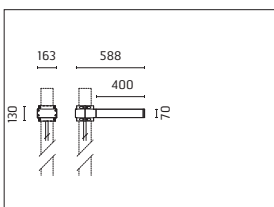
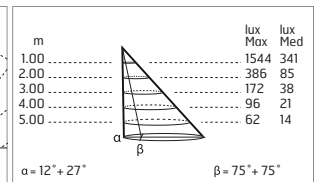
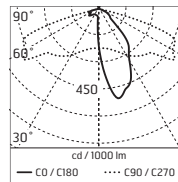


539042 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4003 ≠ lm OUTPUT 2932
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



539044 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4262 ≠ lm OUTPUT 3141
 CRI >80
 Integral electronic power supply

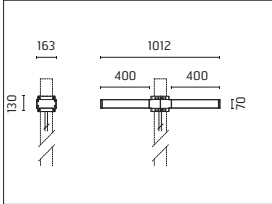
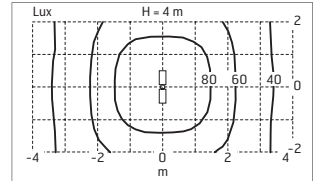


539045 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4003 ≠ lm OUTPUT 2950
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 76mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539047 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4262 = lm OUTPUT 2x3374
 CRI >80
 Integral electronic power supply



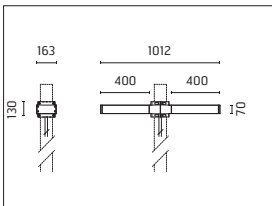
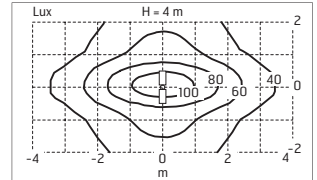
539048 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4003 = lm OUTPUT 2x3168
 CRI >80
 Integral electronic power supply



Dooku400 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic



539050 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4262 = lm OUTPUT 2x3121
 CRI >80
 Integral electronic power supply



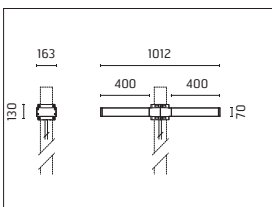
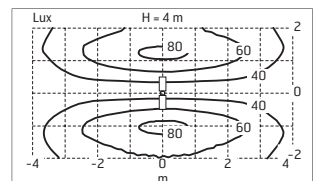
539051 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4003 = lm OUTPUT 2x2932
 CRI >80
 Integral electronic power supply



Dooku400 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)



539053 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4262 = lm OUTPUT 2x3141
 CRI >80
 Integral electronic power supply



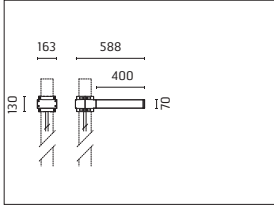
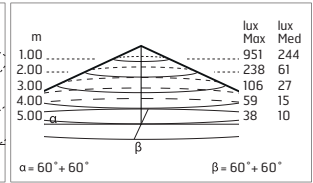
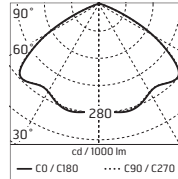
539054 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4003 = lm OUTPUT 2x2950
 CRI >80
 Integral electronic power supply



Dooku400 Power LED / Pole Ø 102mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539056 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4262 ≠ lm OUTPUT 3374
 CRI >80
 Integral electronic power supply

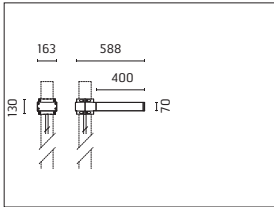
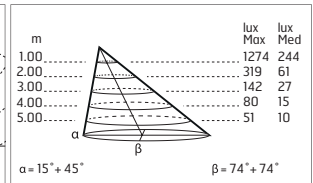
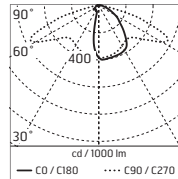


539057 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4003 ≠ lm OUTPUT 3168
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic



539059 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4262 ≠ lm OUTPUT 3121
 CRI >80
 Integral electronic power supply

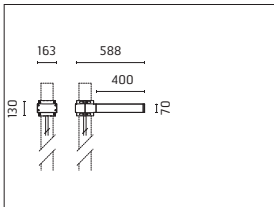
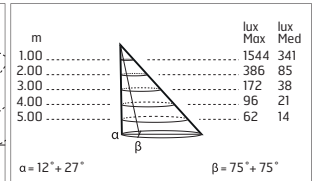
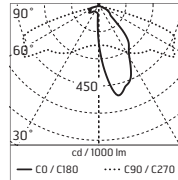


539060 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4003 ≠ lm OUTPUT 2932
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



539062 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4262 ≠ lm OUTPUT 3141
 CRI >80
 Integral electronic power supply

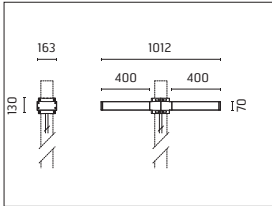
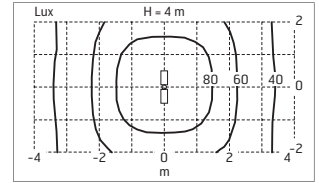


539063 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 33,6W/220÷240V
 Total power 39W
 lm LED 4003 ≠ lm OUTPUT 2950
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 102mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539065 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4262 = lm OUTPUT 2x3374
 CRI >80
 Integral electronic power supply

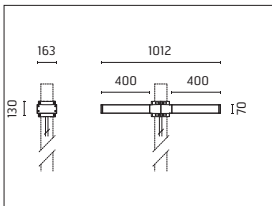
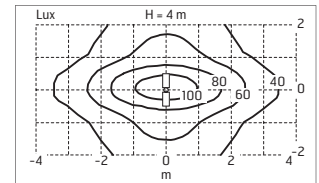


539066 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4003 = lm OUTPUT 2x3168
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic



539068 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4262 = lm OUTPUT 2x3121
 CRI >80
 Integral electronic power supply

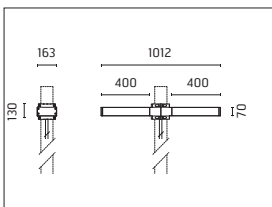
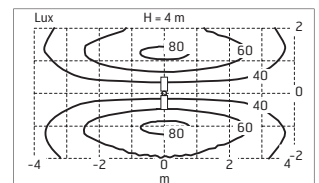


539069 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4003 = lm OUTPUT 2x2932
 CRI >80
 Integral electronic power supply

Dooku400 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

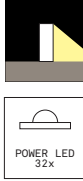
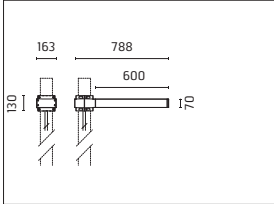


539071 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4262 = lm OUTPUT 2x3141
 CRI >80
 Integral electronic power supply

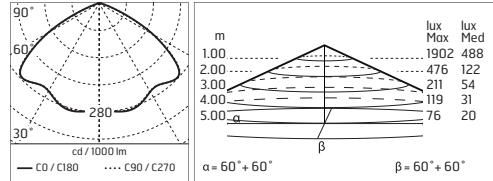


539072 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x33.6W/220÷240V
 Total power 2x39W
 lm LED 2x4003 = lm OUTPUT 2x2950
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 76mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)

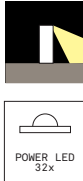
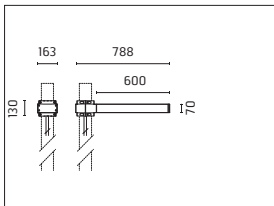


539002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 67,2W/220÷240V
 Total power 78W
 lm LED 8524 ≈ lm OUTPUT 6748
 CRI >80
 Integral electronic power supply

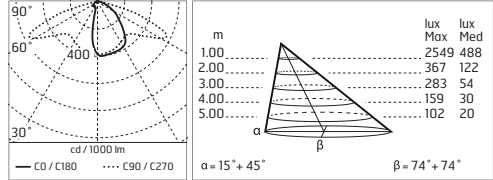


539003 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 67,2W/220÷240V
 Total power 78W
 lm LED 8006 ≈ lm OUTPUT 6337
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic

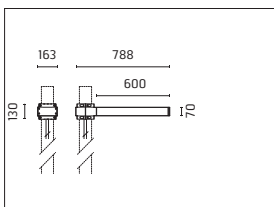


539005 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 67,2W/220÷240V
 Total power 78W
 lm LED 8524 ≈ lm OUTPUT 6243
 CRI >80
 Integral electronic power supply

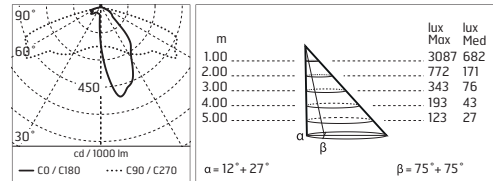


539006 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 67,2W/220÷240V
 Total power 78W
 lm LED 8006 ≈ lm OUTPUT 5864
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



539008 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 67,2W/220÷240V
 Total power 78W
 lm LED 8524 ≈ lm OUTPUT 6282
 CRI >80
 Integral electronic power supply



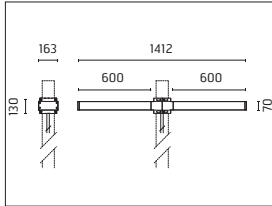
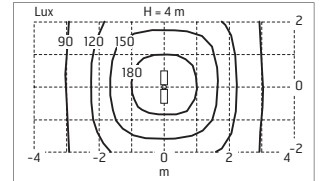
539009 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 67,2W/220÷240V
 Total power 78W
 lm LED 8006 ≈ lm OUTPUT 5900
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 76mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539011 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
2x67,2W/220÷240V
Total power 2x78W
lm LED 2x8524 = lm OUTPUT 2x6748
CRI >80
Integral electronic power supply



539012 A A+ A++

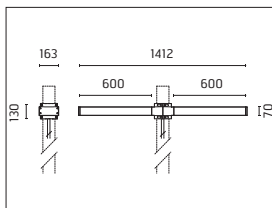
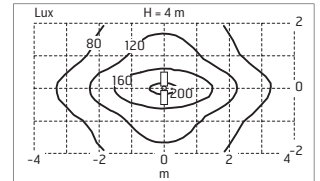
WARM WHITE 3000K
POWER LEDs
2x67,2W/220÷240V
Total power 2x78W
lm LED 2x8006 = lm OUTPUT 2x6337
CRI >80
Integral electronic power supply

Dooku600 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic



539014 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
2x67,2W/220÷240V
Total power 2x78W
lm LED 2x8524 = lm OUTPUT 2x6243
CRI >80
Integral electronic power supply



539015 A A+ A++

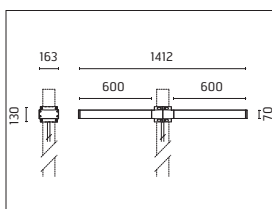
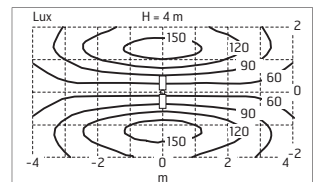
WARM WHITE 3000K
POWER LEDs
2x67,2W/220÷240V
Total power 2x78W
lm LED 2x8006 = lm OUTPUT 2x5864
CRI >80
Integral electronic power supply

Dooku600 Power LED / Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)



539017 A A+ A++

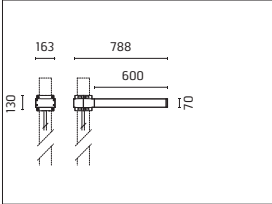
NATURAL WHITE 4000K
POWER LEDs
2x67,2W/220÷240V
Total power 2x78W
lm LED 2x8524 = lm OUTPUT 2x6282
CRI >80
Integral electronic power supply



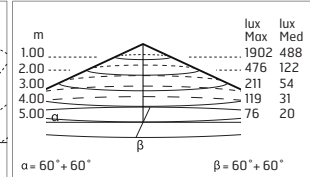
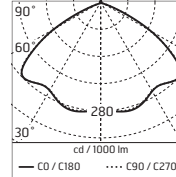
539018 A A+ A++

WARM WHITE 3000K
POWER LEDs
2x67,2W/220÷240V
Total power 2x78W
lm LED 2x8006 = lm OUTPUT 2x5900
CRI >80
Integral electronic power supply

Dooku600 Power LED / Pole Ø 102mm - Single Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)

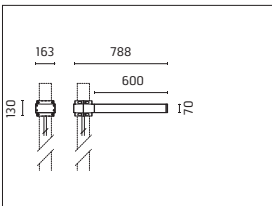


539020 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 67,2W/220=240V
 Total power 78W
 lm LED 8524 ≠ lm OUTPUT 6748
 CRI >80
 Integral electronic power supply

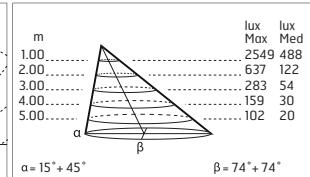
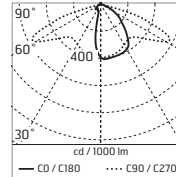


539021 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 67,2W/220=240V
 Total power 78W
 lm LED 8006 ≠ lm OUTPUT 6337
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic

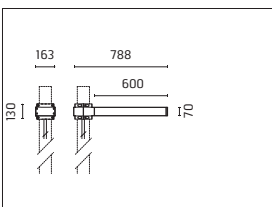


539023 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 67,2W/220=240V
 Total power 78W
 lm LED 8524 ≠ lm OUTPUT 6243
 CRI >80
 Integral electronic power supply

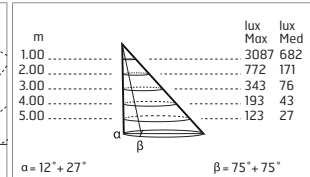
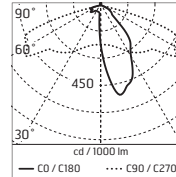


539024 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 67,2W/220=240V
 Total power 78W
 lm LED 8006 ≠ lm OUTPUT 5864
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)



539026 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 67,2W/220=240V
 Total power 78W
 lm LED 8524 ≠ lm OUTPUT 6282
 CRI >80
 Integral electronic power supply

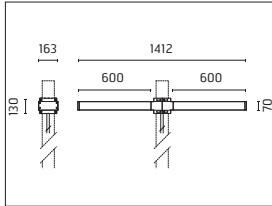
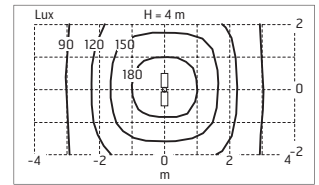


539027 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 67,2W/220=240V
 Total power 78W
 lm LED 8006 ≠ lm OUTPUT 5900
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 102mm - Double Top Pole - Wide Beam 120° (Wide Spaces - Public Areas - Parking Areas)



539029 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x67,2W/220÷240V
 Total power 2x78W
 lm LED 2x8524 ≈ lm OUTPUT 2x6748
 CRI >80
 Integral electronic power supply

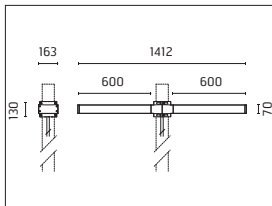
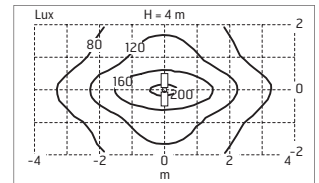


539030 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x67,2W/220÷240V
 Total power 2x78W
 lm LED 2x8006 ≈ lm OUTPUT 2x6337
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic



539032 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x67,2W/220÷240V
 Total power 2x78W
 lm LED 2x8524 ≈ lm OUTPUT 2x6243
 CRI >80
 Integral electronic power supply

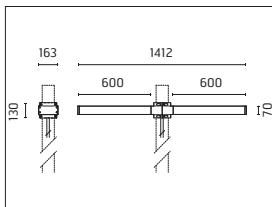
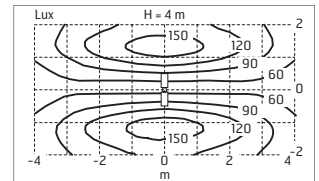


539033 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x67,2W/220÷240V
 Total power 2x78W
 lm LED 2x8006 ≈ lm OUTPUT 2x5864
 CRI >80
 Integral electronic power supply

Dooku600 Power LED / Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

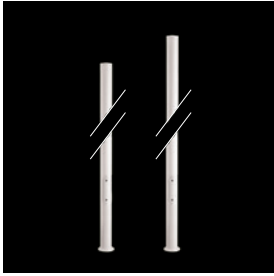


539035 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2x67,2W/220÷240V
 Total power 2x78W
 lm LED 2x8524 ≈ lm OUTPUT 2x6282
 CRI >80
 Integral electronic power supply



539036 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2x67,2W/220÷240V
 Total power 2x78W
 lm LED 2x8006 ≈ lm OUTPUT 2x5900
 CRI >80
 Integral electronic power supply

Dooku / Ø 76mm - Poles



248
H 3500 mm

249
H 4500 mm

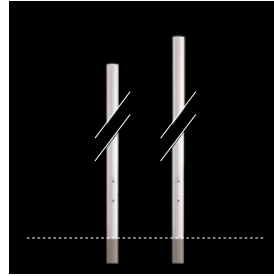
**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



250
H 3500 mm (+500mm)

251
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**

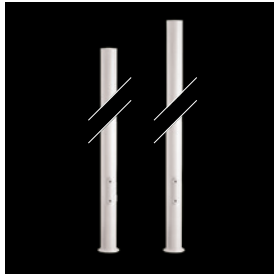


.6 Grey



.3 Anthracite

Dooku / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

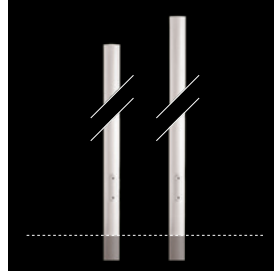
**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite

Accessories: Dooku

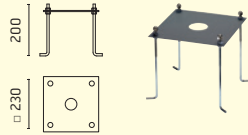
24

BASE PLATE AND FIXING BOLTS



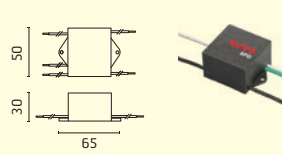
116

BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20 μ s)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 237 |
|--------------|-----|
| prod. code ▼ | |
| 539002 | ● |
| 539003 | ● |
| 539005 | ● |
| 539006 | ● |
| 539008 | ● |
| 539009 | ● |
| 539011 | ● |
| 539012 | ● |
| 539014 | ● |
| 539015 | ● |
| 539017 | ● |
| 539018 | ● |
| 539020 | ● |
| 539021 | ● |
| 539023 | ● |
| 539024 | ● |
| 539026 | ● |
| 539027 | ● |
| 539029 | ● |
| 539030 | ● |
| 539032 | ● |
| 539033 | ● |
| 539035 | ● |
| 539036 | ● |
| 539038 | ● |
| 539039 | ● |
| 539041 | ● |
| 539042 | ● |
| 539044 | ● |
| 539045 | ● |
| 539047 | ● |
| 539048 | ● |
| 539050 | ● |
| 539051 | ● |
| 539053 | ● |
| 539054 | ● |
| 539056 | ● |
| 539057 | ● |
| 539059 | ● |
| 539060 | ● |
| 539062 | ● |
| 539063 | ● |
| 539065 | ● |
| 539066 | ● |
| 539068 | ● |
| 539069 | ● |
| 539071 | ● |
| 539072 | ● |
| 539074 | ● |
| 539075 | ● |

| acc. code ▶ | 116 | 24 |
|--------------|-----|----|
| prod. code ▼ | | |
| 248 | | ● |
| 249 | | ● |
| 250 | | |
| 251 | | |
| 4140 | ● | |
| 4145 | | |
| 4150 | ● | |
| 4155 | | |

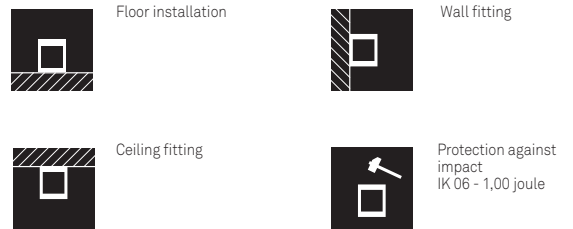


- Adjustable projector for installation on ceiling, wall or floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L fixing plate. Glass diffuser: extra clear with silkscreen border, fixed to the aluminium through a robotic gluing system. The wiring unit and the emitting unit are connected by an adjustable junction.
- 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: the luminaire is for direct connection to 220-230V with a LED module set to work directly connected to the mains. The luminaire is equipped with an AISI316L stainless steel fixing plate for installation on surface and IP68 connector (6\times8mm cable). Ground spike available on request.

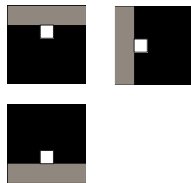
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

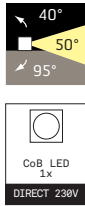
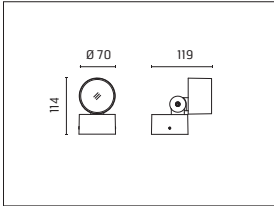
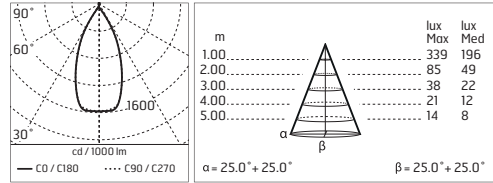
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



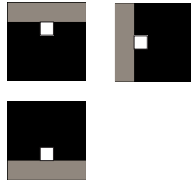
Kirk70 CoB LED / Adjustable - Wide Beam 50° - Direct 230V



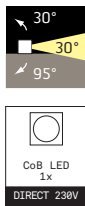
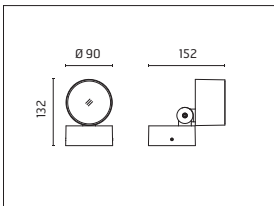
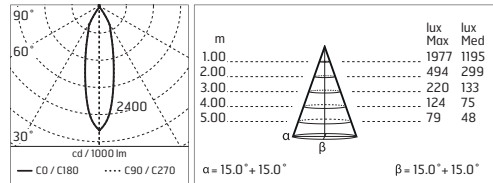
540001 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 4,5W/220÷230V
 Total power 6W
 lm LED 350 ≈ lm OUTPUT 244
 CRI >80
 LED module set up to work
 directly connected to the mains



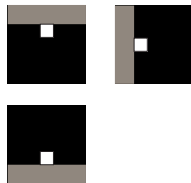
Kirk90 CoB LED / Adjustable - Medium Beam 30° - Direct 230V



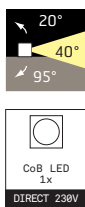
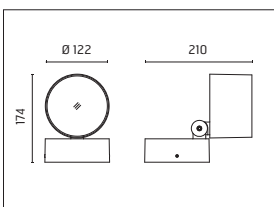
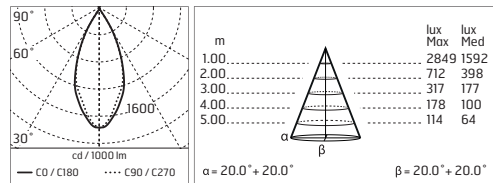
540002 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 10W/220÷230V
 Total power 12W
 lm LED 951 ≈ lm OUTPUT 713
 CRI >80
 LED module set up to work
 directly connected to the mains

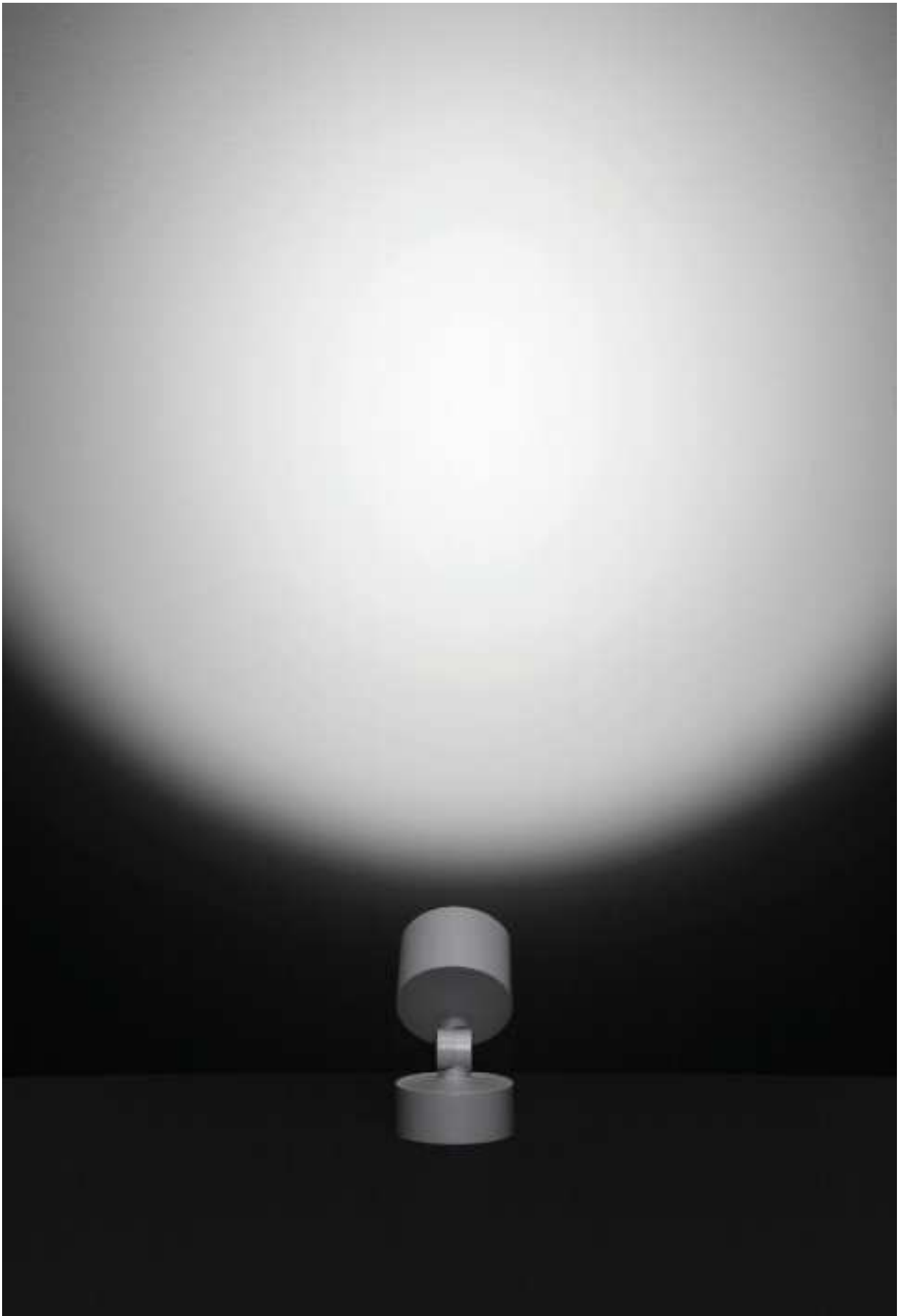


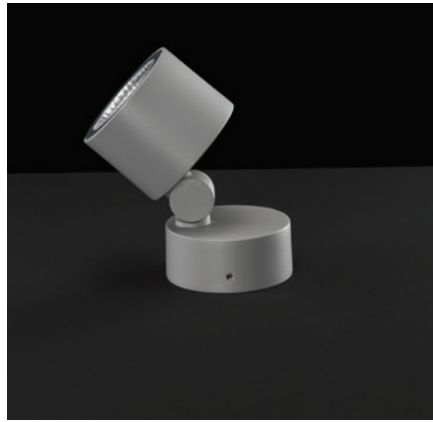
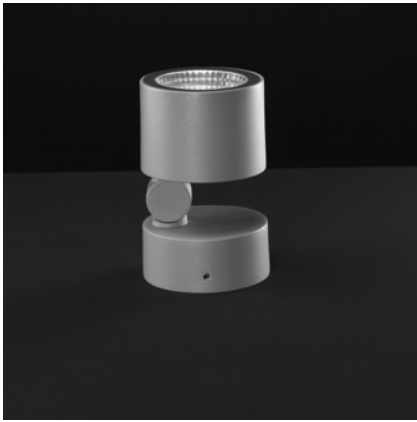
Kirk120 CoB LED / Adjustable - Medium Beam 40° - Direct 230V



540003 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 22W/220÷230V
 Total power 24W
 lm LED 2303 ≈ lm OUTPUT 1610
 CRI >80
 LED module set up to work
 directly connected to the mains

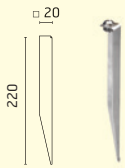




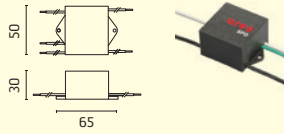


Accessories: Kirk

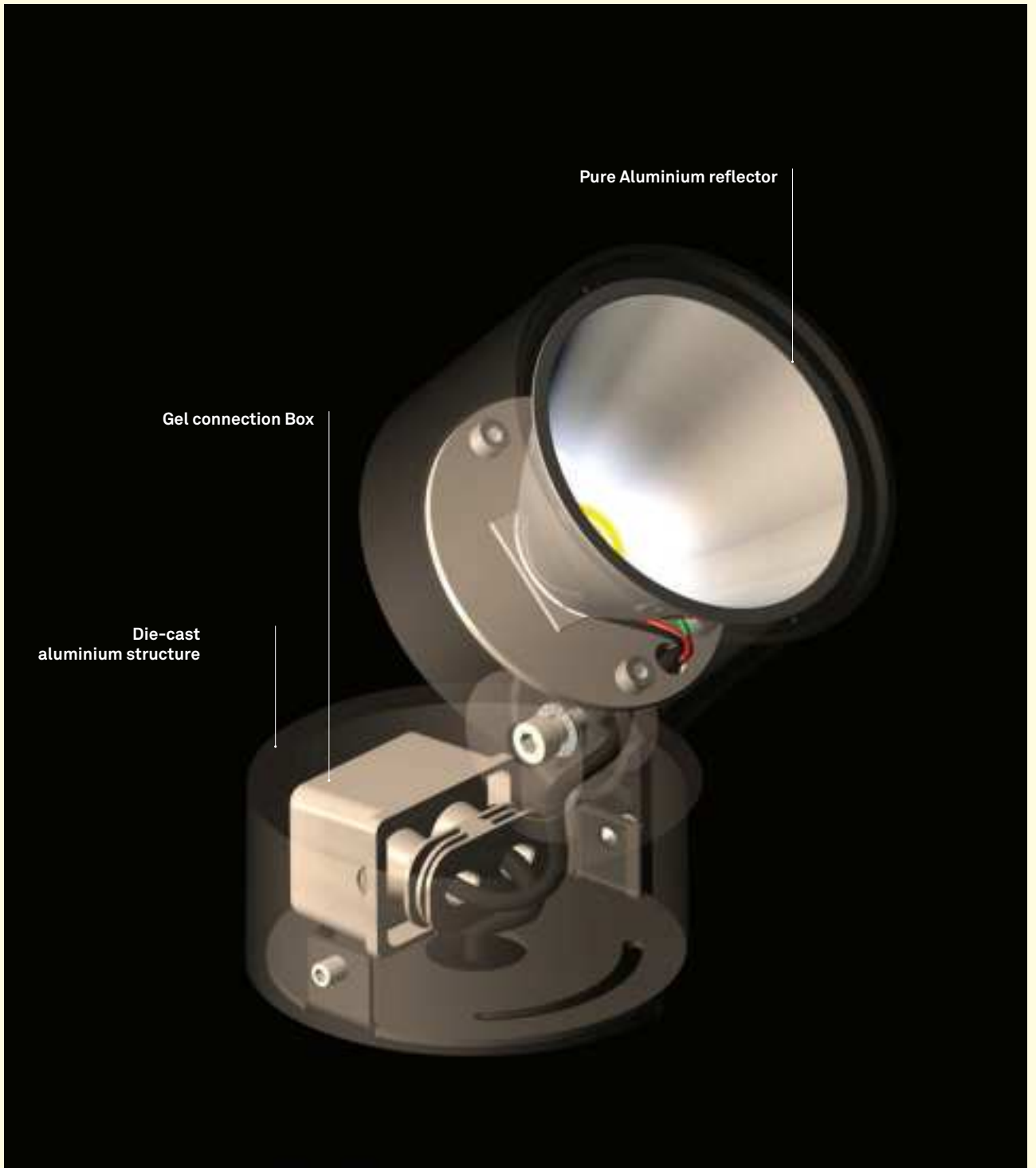
201
GROUND SPIKE - H 220mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| | | |
|--------------|-----|-----|
| acc. code ▶ | 201 | 237 |
| prod. code ▼ | | |
| 540001 | • | • |
| 540002 | • | • |
| 540003 | • | • |





SPOCK

- Adjustable projector for installation on ceiling, wall or floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed through a robotic gluing system. 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.
- 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: the luminaire is equipped with 1000mm of cable 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

A++
A+
A

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



Floor installation



Wall fitting



Ceiling fitting

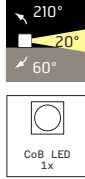
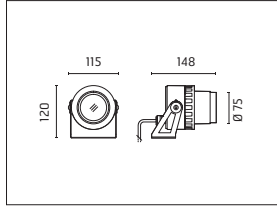
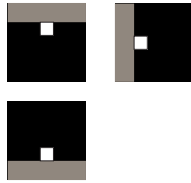


Pre-wired with approx 1000mm of cable

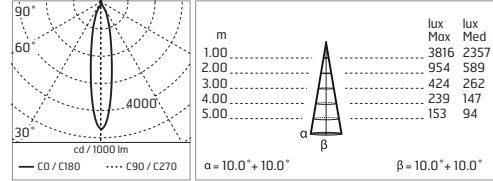


Protection against impact
IK 07 -2,00 joule

Spock75 CoB LED - Adjustable - Medium Beam 20°

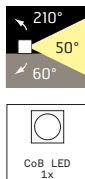
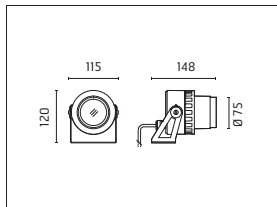
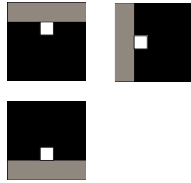


541002 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1124 ≠ lm OUTPUT 811
 CRI >80
 Integral electronic power supply

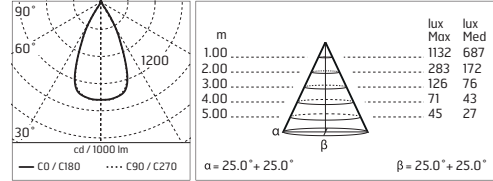


541003 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1081 ≠ lm OUTPUT 780
 CRI >80
 Integral electronic power supply

Spock75 CoB LED - Adjustable - Wide Beam 50°

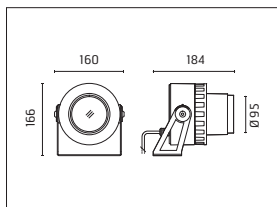
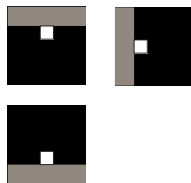


541005 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1124 ≠ lm OUTPUT 778
 CRI >80
 Integral electronic power supply

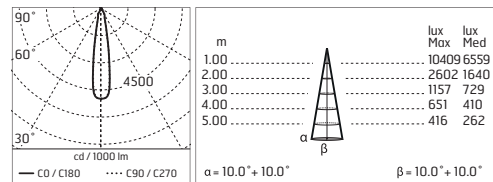


541006 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 9W/220÷240V
 Total power 12W
 lm LED 1081 ≠ lm OUTPUT 749
 CRI >80
 Integral electronic power supply

Spock95 CoB LED - Adjustable - Medium Beam 20°

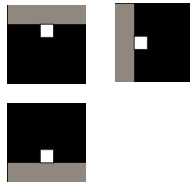


541007 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 24W/220÷240V
 Total power 29W
 lm LED 3408 ≠ lm OUTPUT 2415
 CRI >80
 Integral electronic power supply

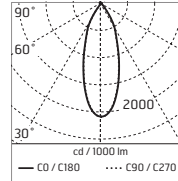


541008 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 24W/220÷240V
 Total power 29W
 lm LED 3249 ≠ lm OUTPUT 2302
 CRI >80
 Integral electronic power supply

Spock95 CoB LED - Adjustable - Wide Beam 40°

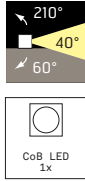
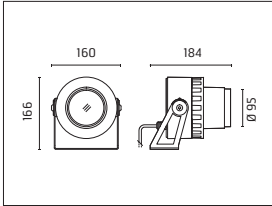


541009 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 24W/220÷240V
 Total power 29W
 lm LED 3408 ≠ lm OUTPUT 2428
 CRI >80
 Integral electronic power supply



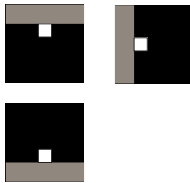
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 5156 | 3044 |
| 2.00 | 1289 | 761 |
| 3.00 | 573 | 338 |
| 4.00 | 322 | 190 |
| 5.00 | 206 | 122 |

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

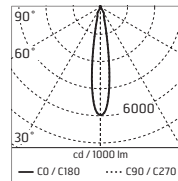


541010 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 24W/220÷240V
 Total power 29W
 lm LED 3249 ≠ lm OUTPUT 2315
 CRI >80
 Integral electronic power supply

Spock130 CoB LED - Adjustable - Medium Beam 20°

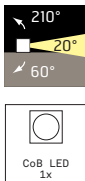
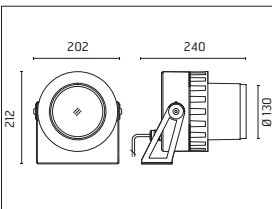


541011 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 5963 ≠ lm OUTPUT 4477
 CRI >80
 Integral electronic power supply



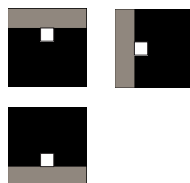
| m | lux | |
|------|-------|-------|
| | Max | Med |
| 1.00 | 26888 | 17059 |
| 2.00 | 6722 | 4265 |
| 3.00 | 2988 | 1895 |
| 4.00 | 1680 | 1066 |
| 5.00 | 1076 | 682 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

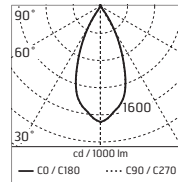


541012 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 5815 ≠ lm OUTPUT 4365
 CRI >80
 Integral electronic power supply

Spock130 CoB LED - Adjustable - Wide Beam 45°

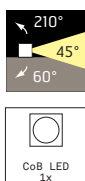
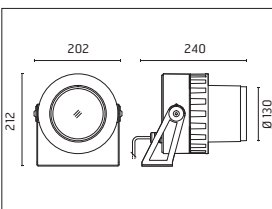


541013 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 5963 ≠ lm OUTPUT 4390
 CRI >80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 7564 | 4354 |
| 2.00 | 1891 | 1089 |
| 3.00 | 840 | 484 |
| 4.00 | 473 | 272 |
| 5.00 | 303 | 174 |

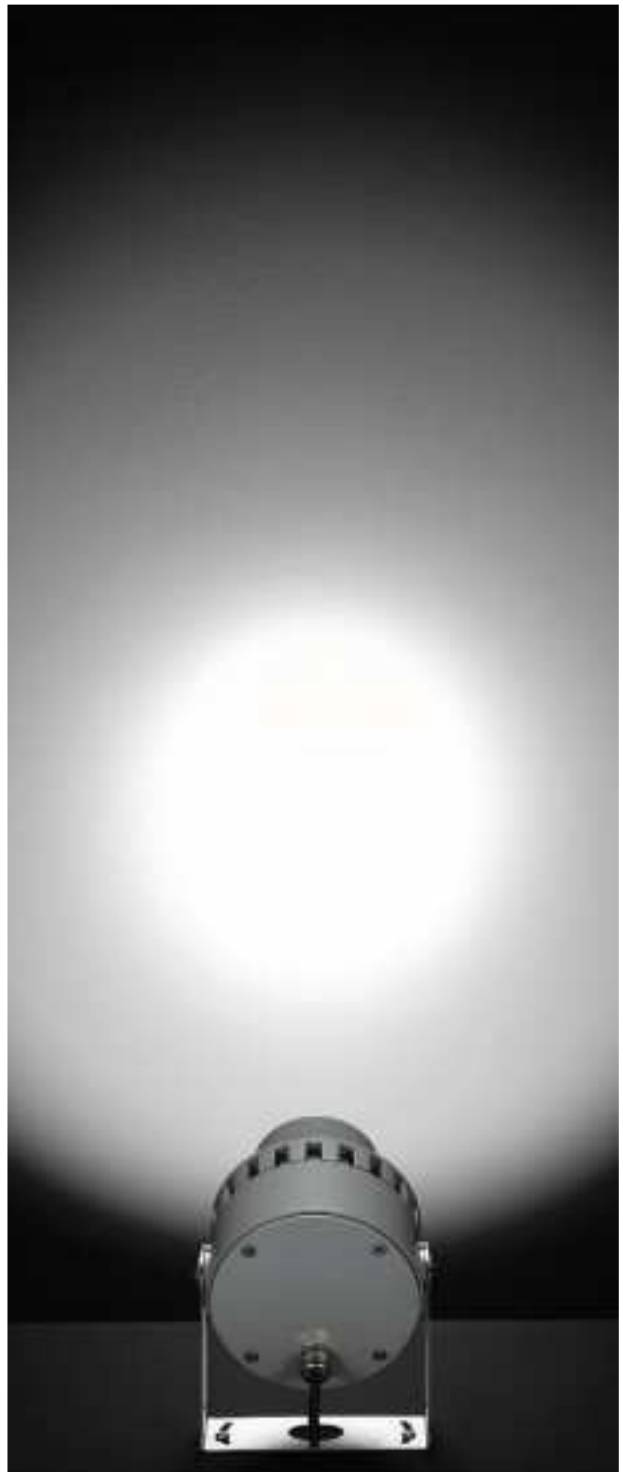
$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$



541014 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 5815 ≠ lm OUTPUT 4281
 CRI >80
 Integral electronic power supply



SPOCK "FLOOD DIFFUSER"

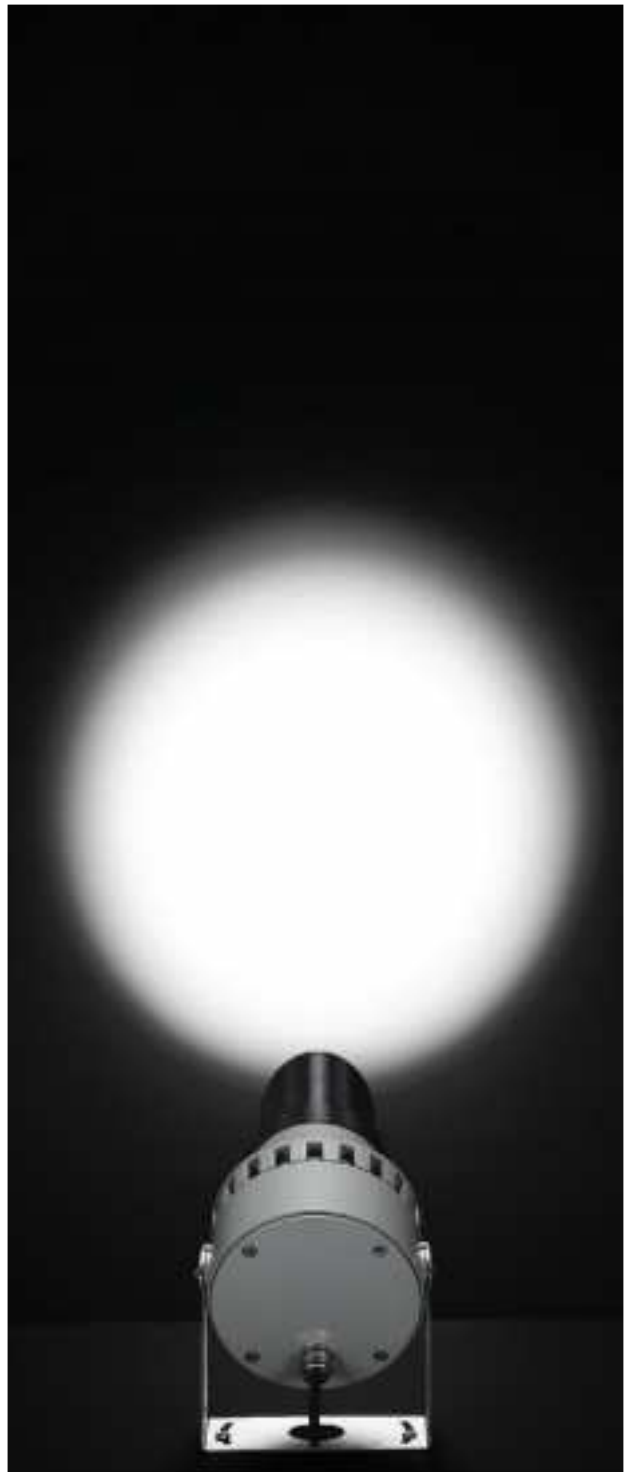


SPOCK "WIDE BEAM"



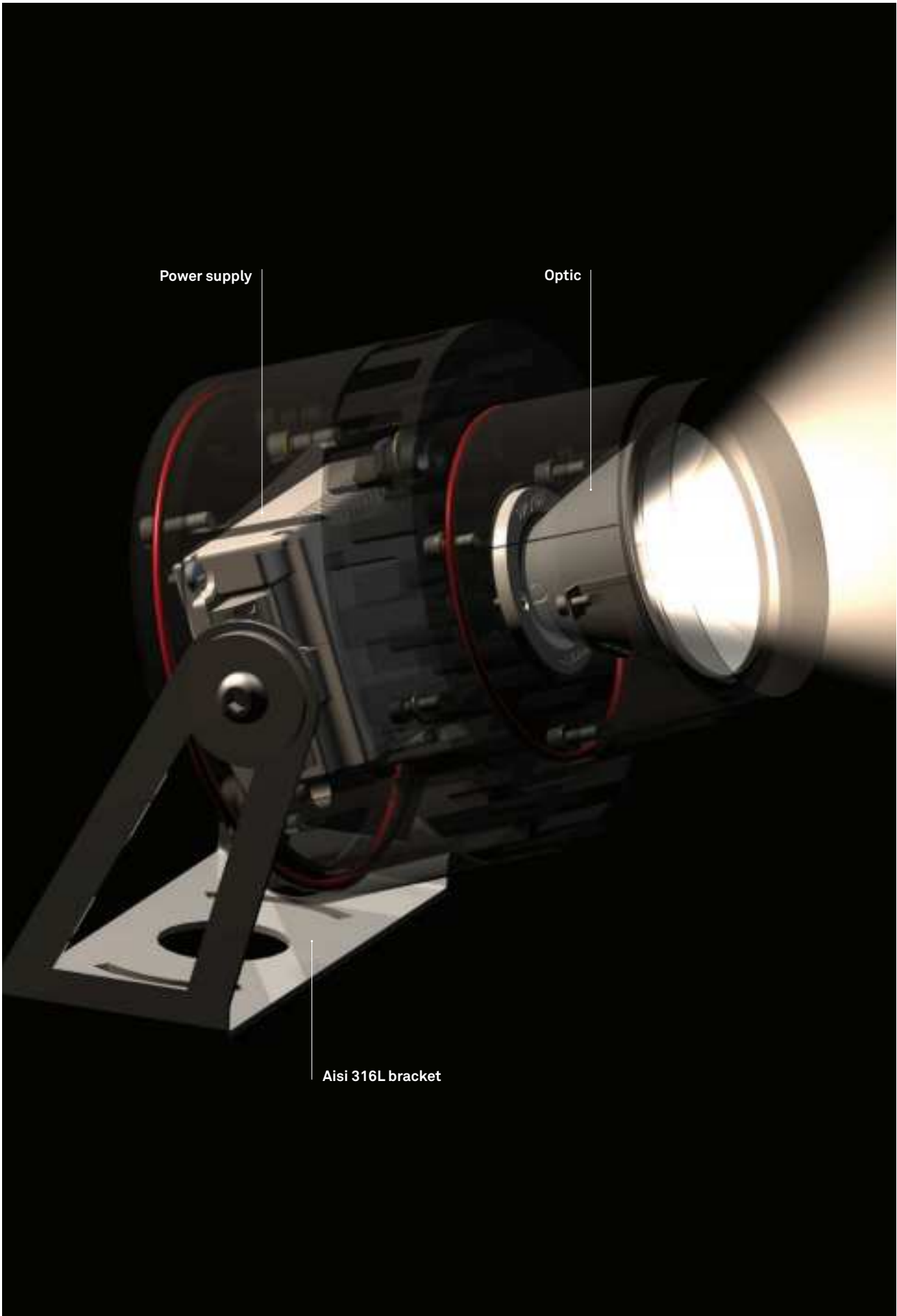


SPOCK "ANTI-GLARE LOUVRE"



SPOCK "VISOR"

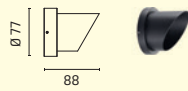




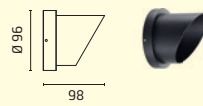
Accessories: Spock



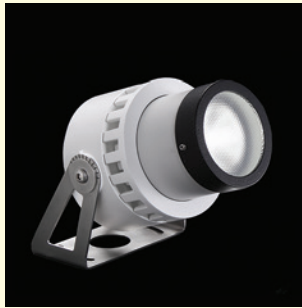
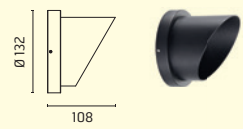
205
VISOR Ø 75



206
VISOR Ø 95



207
VISOR Ø 130



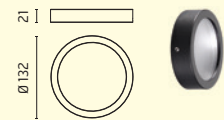
208
FLOOD DIFFUSER Ø 75



209
FLOOD DIFFUSER Ø 95



210
FLOOD DIFFUSER Ø 130



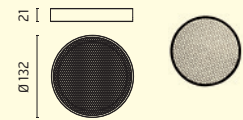
211
ANTI-GLARE LOUVRE Ø 75



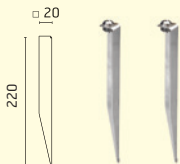
212
ANTI-GLARE LOUVRE Ø 95



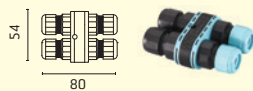
213
ANTI-GLARE LOUVRE Ø 130



203
KIT OF 2 GROUND SPIKES - H 220mm



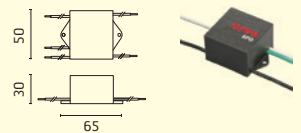
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H2O STOP (Ø5,5÷12mm CABLE)



236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H2O STOP (Ø5,5÷12mm CABLE)



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 203 | 215 | 236 | 237 |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 541002 | • | | | • | | | • | | | • | • | • | • |
| 541003 | • | | | • | | | • | | | • | • | • | • |
| 541005 | • | | | • | | | • | | | • | • | • | • |
| 541006 | • | | | • | | | • | | | • | • | • | • |
| 541007 | | • | | | • | | | • | | • | • | • | • |
| 541008 | | • | | | • | | | • | | • | • | • | • |
| 541009 | | • | | | • | | | • | | • | • | • | • |
| 541010 | | • | | | • | | | • | | • | • | • | • |
| 541011 | | | • | | | • | | | • | • | • | • | • |
| 541012 | | | • | | | • | | | • | • | • | • | • |
| 541013 | | | • | | | • | | | • | • | • | • | • |
| 541014 | | | • | | | • | | | • | • | • | • | • |

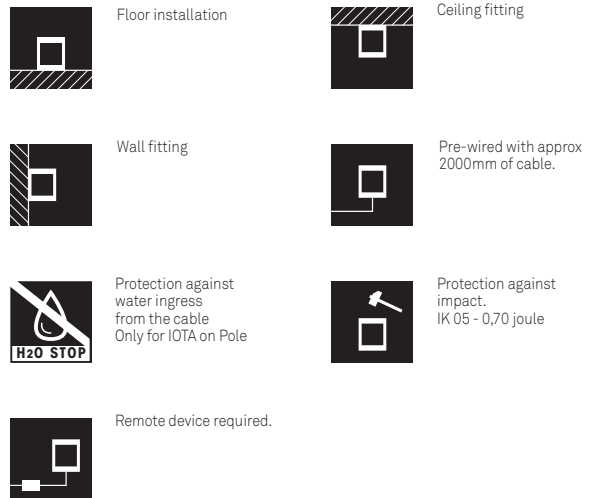


- Adjustable projector for installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body through a robotic gluing system.
- Double layer coating for high resistance 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 EN60598-1 standards.
- Class of insulation: III.
- Installation: the luminaire is supplied with 2000 mm neoprene cable for an easy-to-make connection. It is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak. The version on pole is equipped with a 2-way terminal block for 3-conductor cables – H2O STOP.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

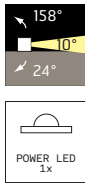
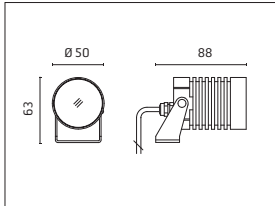
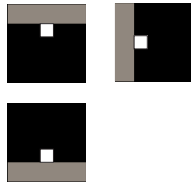
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



Iota Power LED / Adjustable - Narrow Beam 10°



513002 A A+ A++

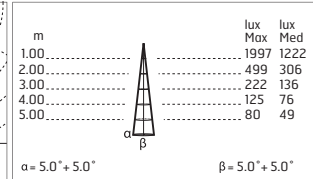
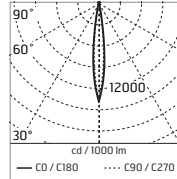
NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≠ lm OUTPUT 138
CRI>80

Remote electronic power supply to be ordered

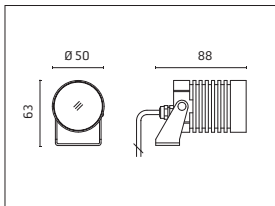
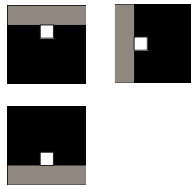
513003 A A+ A++

WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≠ lm OUTPUT 127
CRI>80

Remote electronic power supply to be ordered



Iota Power LED / Adjustable - Medium Beam 30°



513012 A A+ A++

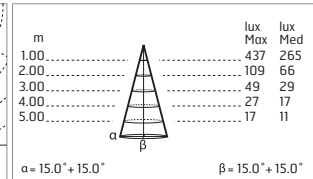
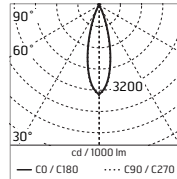
NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≠ lm OUTPUT 125
CRI>80

Remote electronic power supply to be ordered

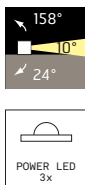
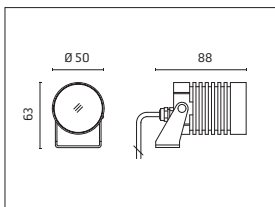
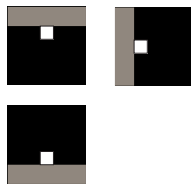
513013 A A+ A++

WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≠ lm OUTPUT 114
CRI>80

Remote electronic power supply to be ordered



Iota Power LED / Adjustable - Narrow Beam 10°



513022 A A+ A++

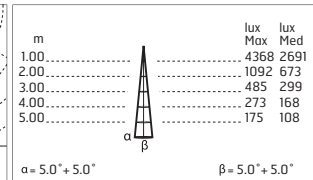
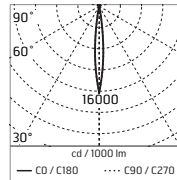
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 360 ≠ lm OUTPUT 258
CRI>80

Remote electronic power supply to be ordered

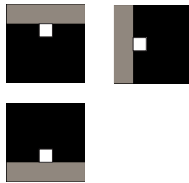
513023 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 330 ≠ lm OUTPUT 236
CRI>80

Remote electronic power supply to be ordered



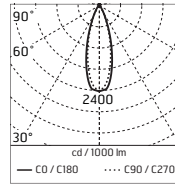
Iota Power LED / Adjustable - Medium Beam 30°



513032 A A+ A++

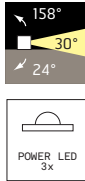
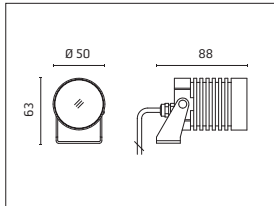
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 360 ≈ lm OUTPUT 207
CRI>80

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 |

α = 15.0° + 15.0° β = 15.0° + 15.0°



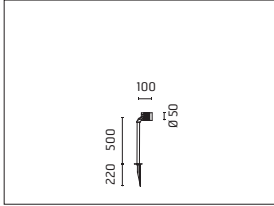
513033 A A+ A++

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

Remote electronic power supply to be ordered

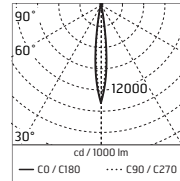


Iota Power LED / Pole H.500 mm - Adjustable - Narrow Beam 10°



513035 A A+ A++

NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≈ lm OUTPUT 138
CRI >80
Remote electronic power supply to be ordered



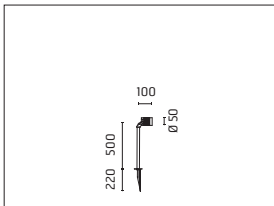
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 1997 | 1222 |
| 2.00 | 499 | 306 |
| 3.00 | 222 | 136 |
| 4.00 | 125 | 76 |
| 5.00 | 80 | 49 |

α = 5.0° + 5.0° β = 5.0° + 5.0°

513036 A A+ A++

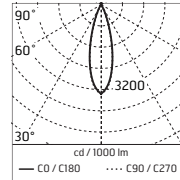
WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≈ lm OUTPUT 127
CRI >80
Remote electronic power supply to be ordered

Iota Power LED / Pole H.500 mm - Adjustable - Medium Beam 30°



513038 A A+ A++

NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≈ lm OUTPUT 125
CRI >80
Remote electronic power supply to be ordered



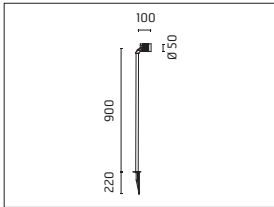
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 437 | 265 |
| 2.00 | 109 | 66 |
| 3.00 | 49 | 29 |
| 4.00 | 27 | 17 |
| 5.00 | 17 | 11 |

α = 15.0° + 15.0° β = 15.0° + 15.0°

513039 A A+ A++

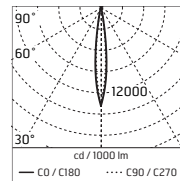
WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≈ lm OUTPUT 114
CRI >80
Remote electronic power supply to be ordered

Iota Power LED / Pole H.900 mm - Adjustable - Narrow Beam 10°



513047 A A+ A++

NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≈ lm OUTPUT 138
CRI >80
Remote electronic power supply to be ordered



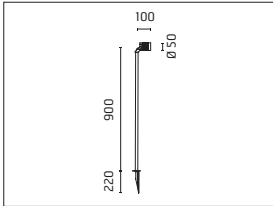
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 1997 | 1222 |
| 2.00 | 499 | 306 |
| 3.00 | 222 | 136 |
| 4.00 | 125 | 76 |
| 5.00 | 80 | 49 |

α = 5.0° + 5.0° β = 5.0° + 5.0°

513048 A A+ A++

WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≈ lm OUTPUT 127
CRI >80
Remote electronic power supply to be ordered

Iota Power LED / Pole H.900 mm - Adjustable - Medium Beam 30°



513050 A A+ A++

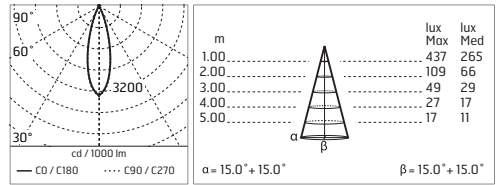
NATURAL WHITE 4000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 198 ≈ lm OUTPUT 125
CRI >80

Remote electronic power supply to be ordered

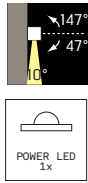
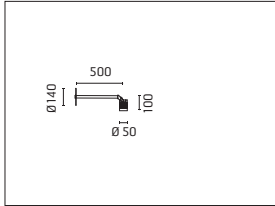
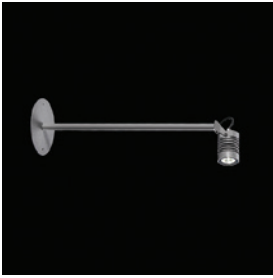
513051 A A+ A++

WARM WHITE 3000K
POWER LED
2,2W/24Vdc
Total power 3,4W
lm LED 182 ≈ lm OUTPUT 114
CRI >80

Remote electronic power supply to be ordered

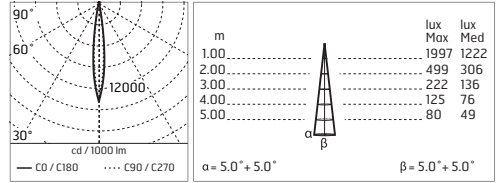


Iota Power LED / Wall Bracket L.500 mm - Adjustable - Narrow Beam 10°

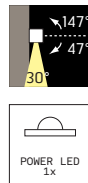
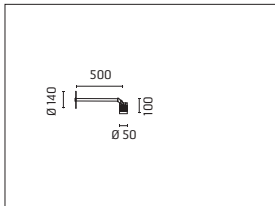


513059 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≠ lm OUTPUT 138
 CRI >80
 Remote electronic power supply
 to be ordered

513060 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≠ lm OUTPUT 127
 CRI >80
 Remote electronic power supply
 to be ordered

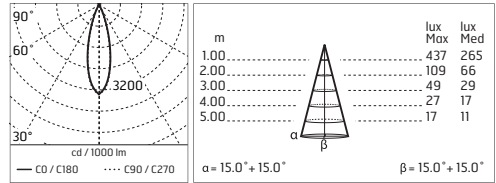


Iota Power LED / Wall Bracket L.500 mm - Adjustable - Medium Beam 30°

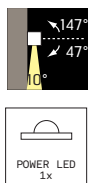
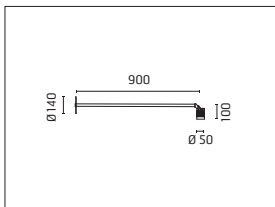


513062 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≠ lm OUTPUT 125
 CRI >80
 Remote electronic power supply
 to be ordered

513063 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≠ lm OUTPUT 114
 CRI >80
 Remote electronic power supply
 to be ordered

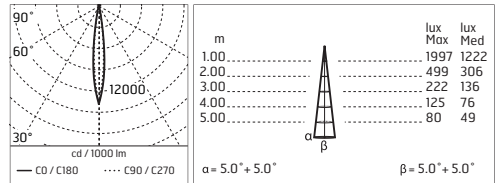


Iota Power LED / Wall Bracket L.900 mm - Adjustable - Narrow Beam 10°

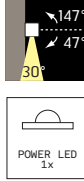
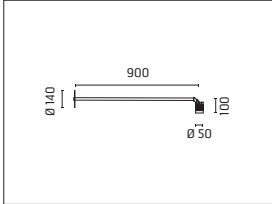


513065 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≠ lm OUTPUT 138
 CRI >80
 Remote electronic power supply
 to be ordered

513066 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≠ lm OUTPUT 127
 CRI >80
 Remote electronic power supply
 to be ordered



Iota Power LED / Wall Bracket L.900 mm - Adjustable - Medium Beam 30°

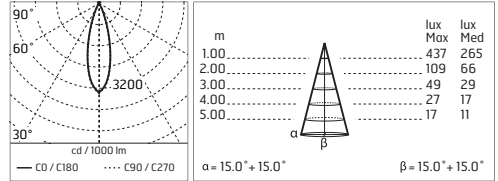


513068 A A+ A++

NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 198 ≈ lm OUTPUT 125
 CRI >80
 Remote electronic power supply
 to be ordered

513069 A A+ A++

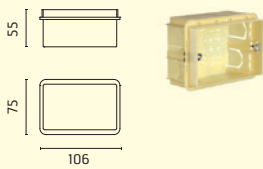
WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 lm LED 182 ≈ lm OUTPUT 114
 CRI >80
 Remote electronic power supply
 to be ordered



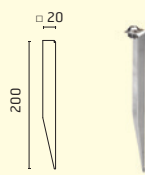


Accessories: Iota

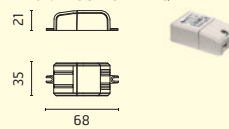
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



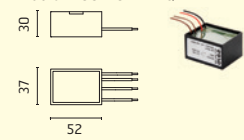
136
GROUND SPIKE - H 200mm



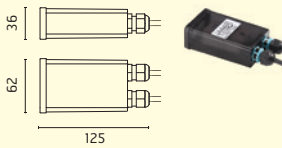
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



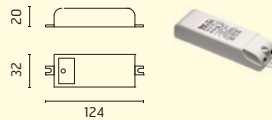
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



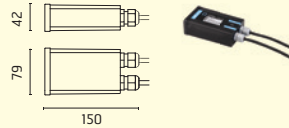
235
POWER SUPPLY 8W/110÷240V - 24Vdc
IP67 CLASS II SELV EQ.



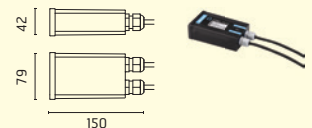
87
POWER SUPPLY 10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



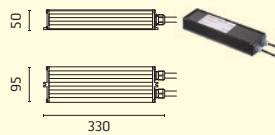
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



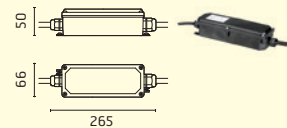
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



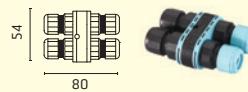
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



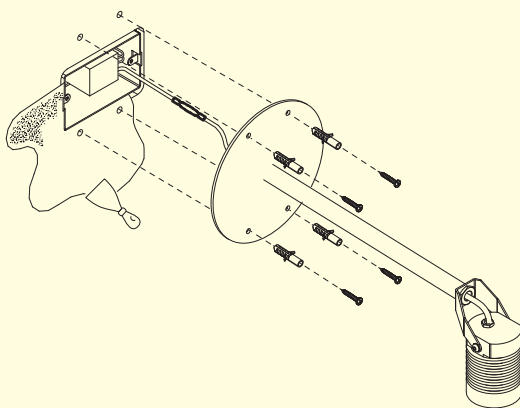
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H2O STOP (Ø5,5÷12mm CABLE)



Iota wall bracket with box cod.105



| acc. code | ▶ 105 | 136 | 150 | 106 | 235 | 87 | 175 | 147 | 155 | 110 | 215 |
|------------|-------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| prod. code | ▼ | | | | | | | | | | |
| 513002 | | ● | 1 | 1 | | 2 | 2 | 3 | 9 | 17 | |
| 513003 | | ● | 1 | 1 | | 2 | 2 | 3 | 9 | 17 | |
| 513012 | | ● | 1 | 1 | | 2 | 2 | 3 | 9 | 17 | |
| 513013 | | ● | 1 | 1 | | 2 | 2 | 3 | 9 | 17 | |
| 513022 | | ● | 1 | 1 | | 2 | 2 | | 7 | 14 | |
| 513023 | | ● | 1 | 1 | | 2 | 2 | | 7 | 14 | |
| 513032 | | ● | 1 | 1 | | 2 | 2 | | 7 | 14 | |
| 513033 | | ● | 1 | 1 | | 2 | 2 | | 7 | 14 | |
| 513035 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513036 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513038 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513039 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513047 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513048 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513050 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513051 | | | | | | 1 | | 3 | 9 | 17 | ● |
| 513059 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |
| 513060 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |
| 513062 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |
| 513063 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |
| 513065 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |
| 513066 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |
| 513068 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |
| 513069 | ● | | 1 | 1 | | | | 3 | 9 | 17 | |

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.



PERSEO 4

PERSEO 9

PERSEO 16

PERSEO 30

PERSEO 4

- Adjustable projector for installation on wall, on pole/ bracket or on floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear or sandblasted.
- 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 EN60598-1 standards.
- Class of insulation: II.
- Installation: the luminaire is equipped with 700mm cable for an easy-to-make connection. The bracket/pole is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- 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 that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Floor installation



Wall fitting



Installation on pole

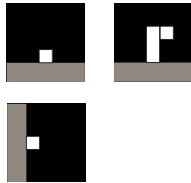


Pre-wired with approx 700mm of cable.

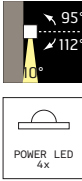
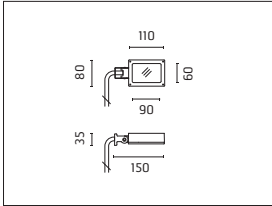
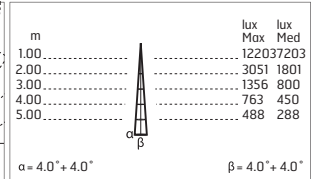
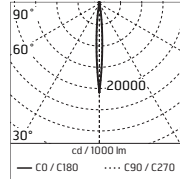


Protection against impact.
IK 05 - 0,70 joule

Perseo4 Power LED / Transparent Glass - Adjustable - Narrow beam 10°

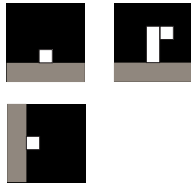


525012 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4,4W/100÷240V
 Total power 7W
 Lm LED 456 ≠ Lm OUTPUT 427
 CRI>80
 Integral electronic power supply

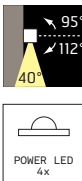
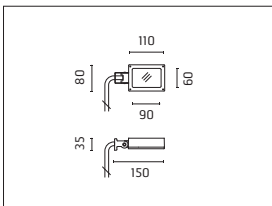
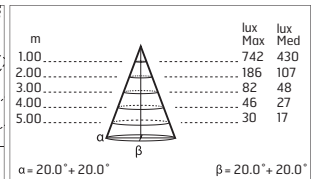
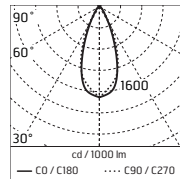


525013 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4,4W/100÷240V
 Total power 7W
 Lm LED 428 ≠ Lm OUTPUT 401
 CRI>80
 Integral electronic power supply

Perseo4 Power LED / Transparent Glass - Adjustable - Medium beam 40°

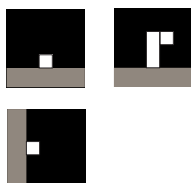


525022 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4,4W/100÷240V
 Total power 7W
 Lm LED 456 ≠ Lm OUTPUT 381
 CRI>80
 Integral electronic power supply

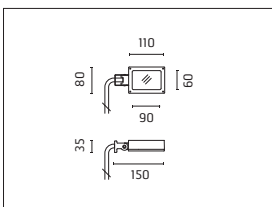
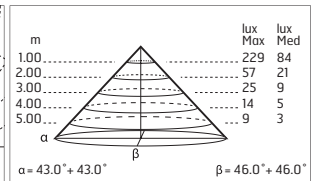
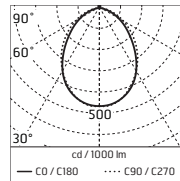


525023 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4,4W/100÷240V
 Total power 7W
 Lm LED 428 ≠ Lm OUTPUT 357
 CRI>80
 Integral electronic power supply

Perseo4 Mid-Power LED / Adjustable - Sandblasted Glass

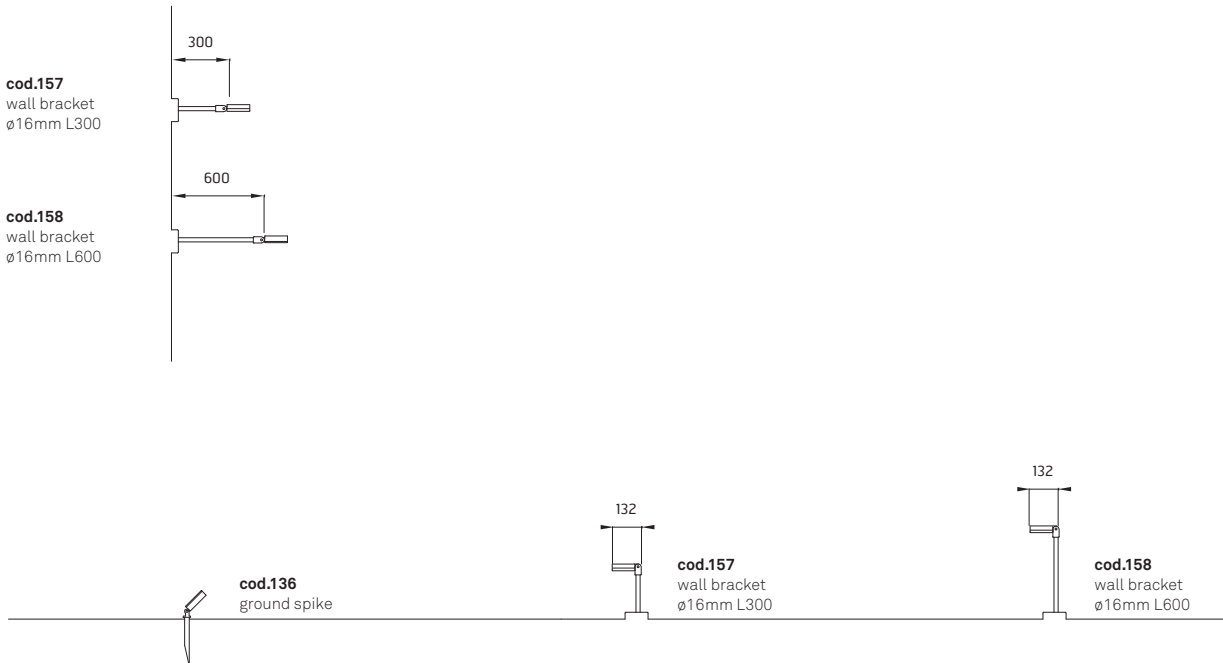


525002 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 6,6W/100÷240V
 Total power 9W
 Lm LED 943 ≠ Lm OUTPUT 491
 CRI>80
 Integral electronic power supply



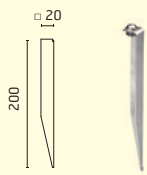
525003 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 6,6W/100÷240V
 Total power 9W
 Lm LED 899 ≠ Lm OUTPUT 468
 CRI>80
 Integral electronic power supply

Installation scheme: Perseo4

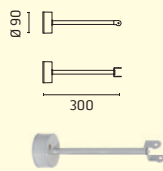


Accessories: Perseo4

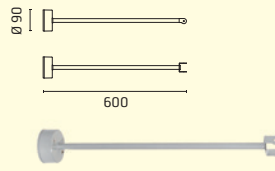
136
GROUND SPIKE - H 200mm



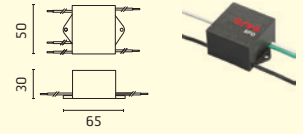
157
WALL BRACKET/POLE 300mm



158
WALL BRACKET/POLE 600mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA(8/20,µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 136 | 157 | 158 | 237 |
|--------------|-----|-----|-----|-----|
| prod. code ▼ | | | | |
| 525002 | • | • | • | • |
| 525003 | • | • | • | • |
| 525012 | • | • | • | • |
| 525013 | • | • | • | • |
| 525022 | • | • | • | • |
| 525023 | • | • | • | • |



PERSEO 9

- Adjustable projector for installation on wall, on pole/ bracket or on floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear or sandblasted, fixed to the aluminium frame through a robotic gluing system.
- 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: the luminaire is equipped with 2000mm cable for an easy-to-make connection. The bracket/pole is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- 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 that cannot be replaced



Floor installation



Wall fitting



Installation on pole

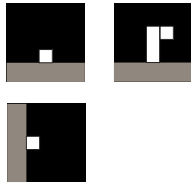


Pre-wired with approx 2000mm of cable.

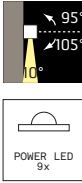
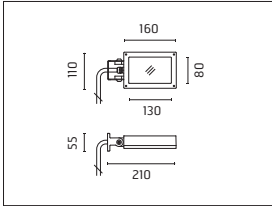
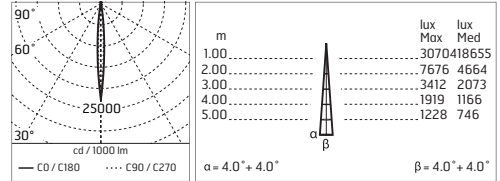


Protection against impact.
IK 06 - 1,00 joule

Perseo9 Power LED / - Adjustable - Transparent Glass - Narrow beam 10°

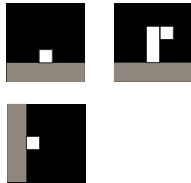
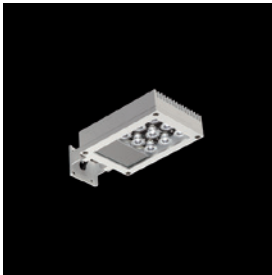


525042 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,9W/220÷240V
 Total power 12W
 Lm LED 1026 ≈ Lm OUTPUT 903
 CRI>80
 Integral electronic power supply

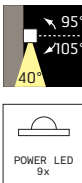
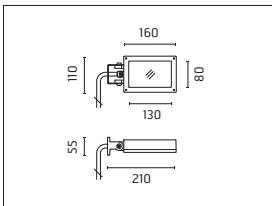
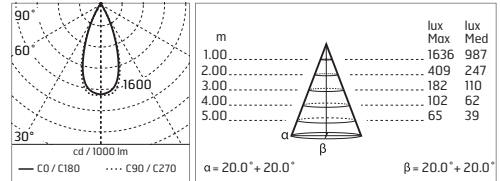


525043 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,9W/220÷240V
 Total power 12W
 Lm LED 963 ≈ Lm OUTPUT 848
 CRI>80
 Integral electronic power supply

Perseo9 Power LED / - Adjustable - Transparent Glass - Medium beam 40°

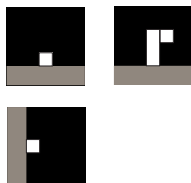


525052 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,9W/220÷240V
 Total power 12W
 Lm LED 1026 ≈ Lm OUTPUT 781
 CRI>80
 Integral electronic power supply

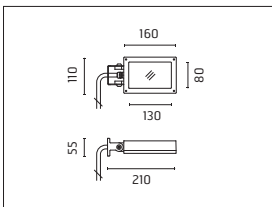
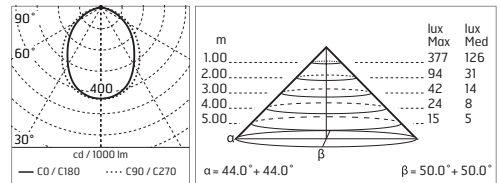


525053 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,9W/220÷240V
 Total power 12W
 Lm LED 963 ≈ Lm OUTPUT 741
 CRI>80
 Integral electronic power supply

Perseo9 Mid-Power LED / Adjustable - Sandblasted Glass

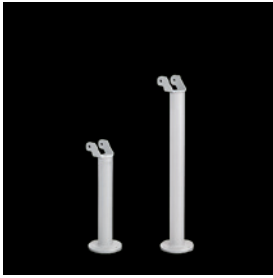


525032 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 8,8W/220÷240V
 Total power 11W
 Lm LED 1258 ≈ Lm OUTPUT 655
 CRI>80
 Integral electronic power supply



525033 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 8,8W/220÷240V
 Total power 11W
 Lm LED 1198 ≈ Lm OUTPUT 624
 CRI>80
 Integral electronic power supply

Perseo9 LED / Ø 48mm - Poles With Base

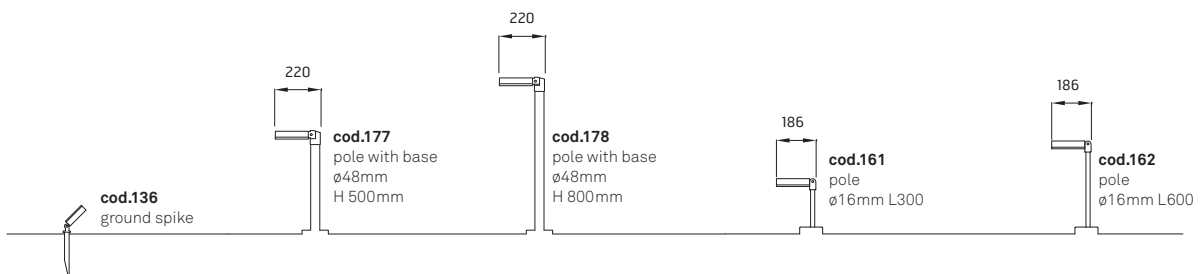
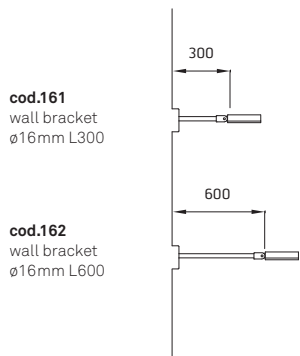


177
H 500 mm

178
H 800 mm

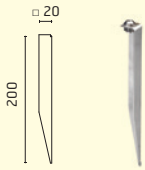


Installation scheme: Perseo9

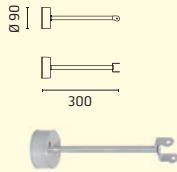


Accessories: Perseo9

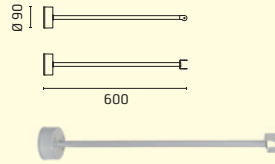
136
GROUND SPIKE - H 200mm



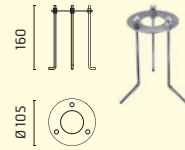
161
WALL BRACKET/POLE 300mm



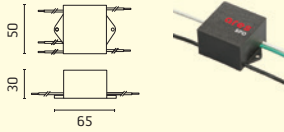
162
WALL BRACKET/POLE 600mm



182
BASE PLATE AND FIXING BOLTS
Ø 105 x H 160mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 136 | 161 | 162 | 182 | 237 |
|--------------|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | |
| 525032 | • | • | • | | • |
| 525033 | • | • | • | | • |
| 525042 | • | • | • | | • |
| 525043 | • | • | • | | • |
| 525052 | • | • | • | | • |
| 525053 | • | • | • | | • |
| 177 | | | | • | |
| 178 | | | | • | |



PERSEO 16

- Adjustable projector for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear, fixed to the frame through a robotic gluing system.
- 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: wiring through an M16x1.5 metal cable gland (4,5mm$\lt\mathit{0}$$\lt;10\text{mm}$ 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 that cannot be replaced



Floor installation



Wall fitting



Installation on pole

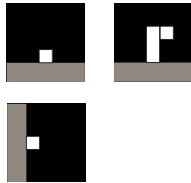


The fitting is equipped with 1 cable input

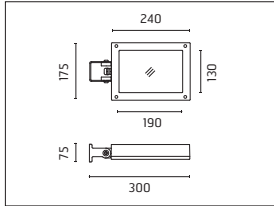
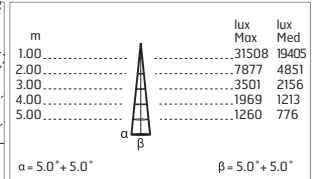
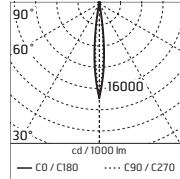


Protection against impact.
IK 07 - 2,00 joule

Perseo16 Power LED / Adjustable - Narrow beam 10°

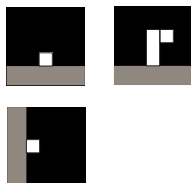


525092 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1824 ≠ Lm OUTPUT 1598
 CRI>80
 Integral electronic power supply

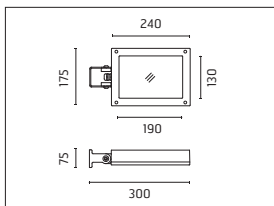
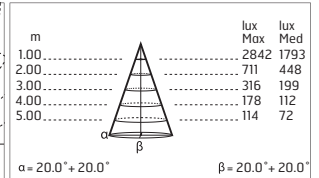
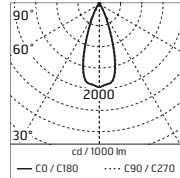


525093 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1712 ≠ Lm OUTPUT 1500
 CRI>80
 Integral electronic power supply

Perseo16 Power LED / Adjustable - Medium beam 40°

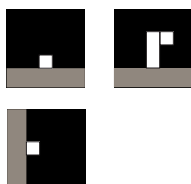


525082 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1824 ≠ Lm OUTPUT 1442
 CRI>80
 Integral electronic power supply

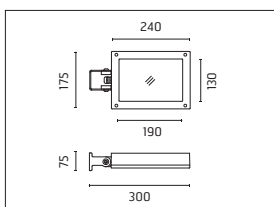
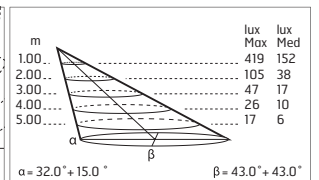
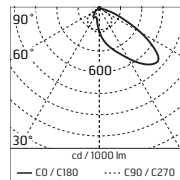


525083 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1712 ≠ Lm OUTPUT 1354
 CRI>80
 Integral electronic power supply

Perseo16 Power LED / Adjustable - Asymmetric optic

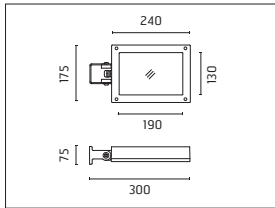
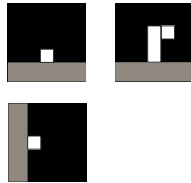


525062 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1824 ≠ Lm OUTPUT 1183
 CRI>80
 Integral electronic power supply



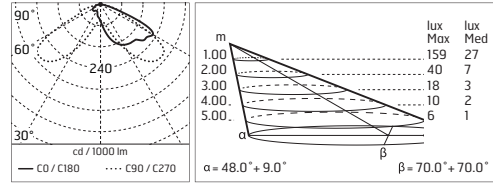
525063 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1712 ≠ Lm OUTPUT 1111
 CRI>80
 Integral electronic power supply

Perseo16 Power LED / Adjustable - Street light optic 120°

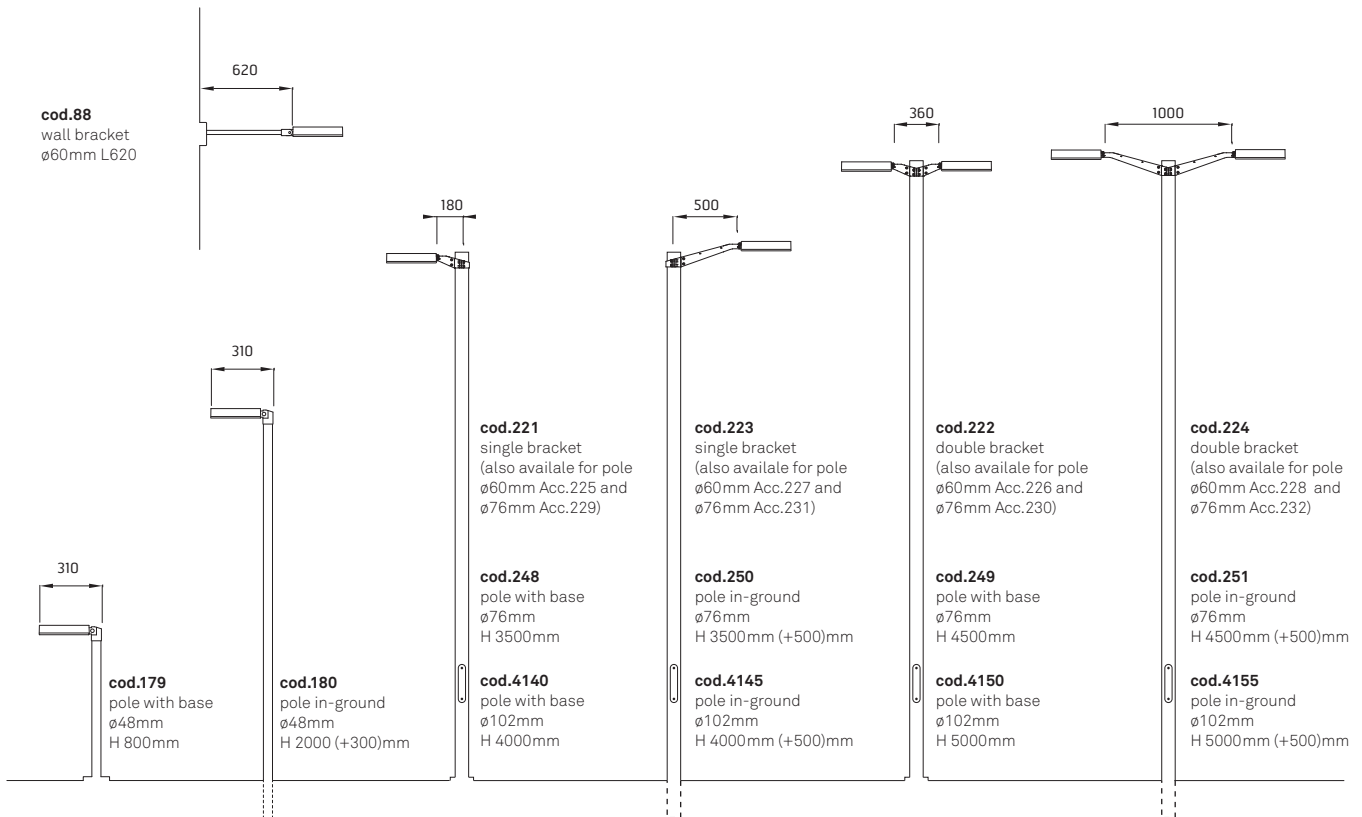


525072 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1824 ≈ Lm OUTPUT 985
 CRI>80
 Integral electronic power supply

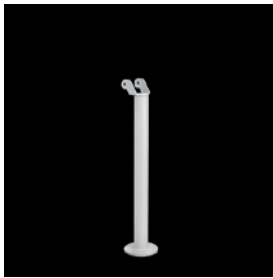
525073 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 Lm LED 1712 ≈ Lm OUTPUT 925
 CRI>80
 Integral electronic power supply



Installation scheme: Perseo16

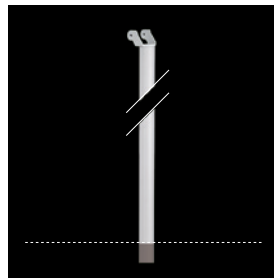


Perseo16 LED / Ø 48mm - Poles



179
H 800 mm

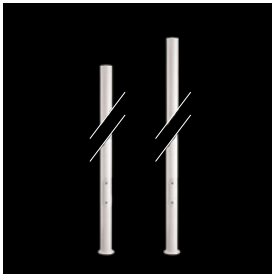
With Base



180
H 2000 mm (+300mm)

In-Ground (+300 mm Root)

Perseo16 LED / Ø 76mm - Poles



248
H 3500 mm

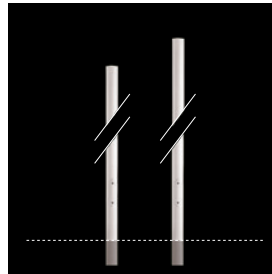
249
H 4500 mm

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey

.3 Anthracite



250
H 3500 mm (+500mm)

251
H 4500 mm (+500mm)

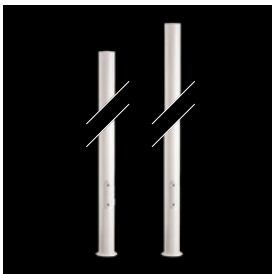
**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey

.3 Anthracite

Perseo16 LED / Ø 102mm - Poles



4140
H 4000 mm

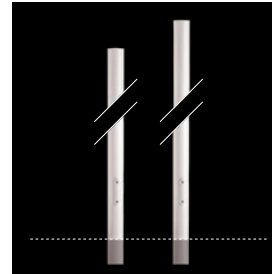
4150
H 5000 mm

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey

.3 Anthracite



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



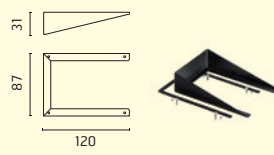
.6 Grey

.3 Anthracite

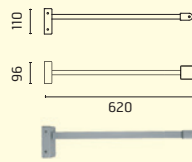
Accessories: Perseo16



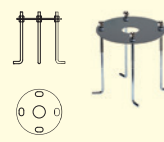
165
WALL WASHER VISOR



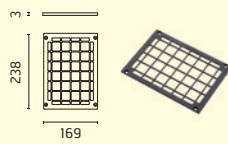
88
WALL BRACKET 620mm



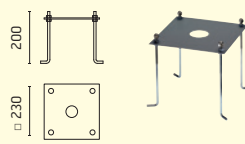
24
BASE PLATE AND FIXING BOLTS



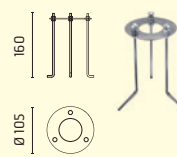
166
ANTI VANDAL LOUVRE



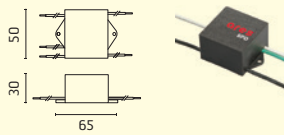
116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



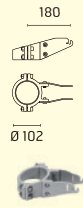
182
BASE PLATE AND FIXING BOLTS
Ø 105 x H 160mm



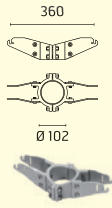
237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



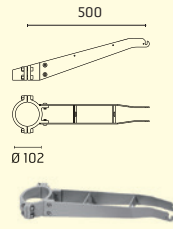
221
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



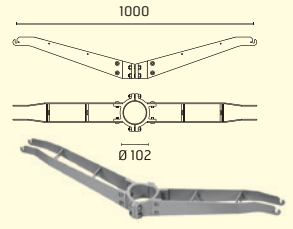
222
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



223
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



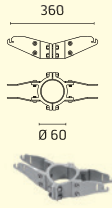
224
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



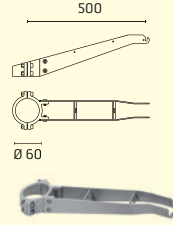
225
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



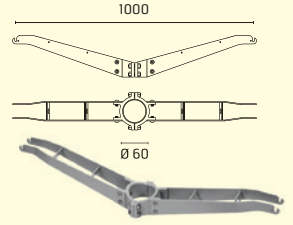
226
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



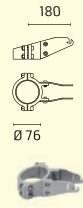
227
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



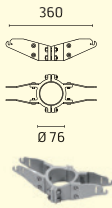
228
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



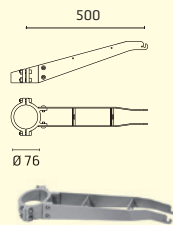
229
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



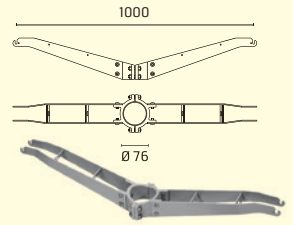
230
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



231
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



232
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



| acc. code ▶ | 165 | 166 | 88 | 24 | 116 | 182 | 237 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 |
|--------------|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | | | | | | | | |
| 525062 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 525063 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 525072 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 525073 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 525082 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 525083 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 525092 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 525093 | • | • | • | | | | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 179 | | | | | | • | | | | | | | | | | | | | |
| 180 | | | | | | | | | | | | | | | | | | | |
| 248 | | | | • | | | | | | | | | | | | | | | |
| 249 | | | | • | | | | | | | | | | | | | | | |
| 250 | | | | | | | | | | | | | | | | | | | |
| 251 | | | | | | | | | | | | | | | | | | | |
| 4140 | | | | | • | | • | • | • | • | • | | | | | | | | |
| 4145 | | | | | | | • | • | • | • | • | | | | | | | | |
| 4150 | | | | | • | | • | • | • | • | • | | | | | | | | |
| 4155 | | | | | | | • | • | • | • | • | | | | | | | | |

PERSEO 30

- Adjustable projector for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear, fixed to the frame through a robotic gluing system. Graduated stainless steel fixing plate for a precise adjustment.
- 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: wiring through an M20x1.5 metal cable gland (7mm$\lt\mathit{13\text{mm}}$ 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 that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Floor installation



Wall fitting



Installation on pole



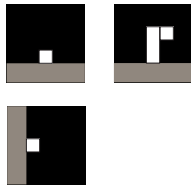
The fitting is equipped with 1 cable input



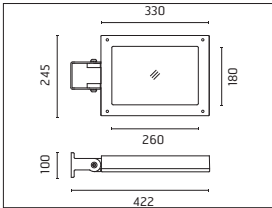
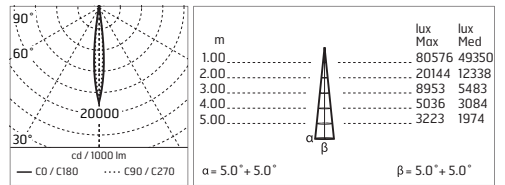
Protection against impact.
IK 07 - 2,00 joule



Perseo30 Power LED / Adjustable - Narrow beam 10°

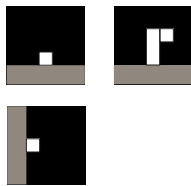


525132 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4446 ≠ Lm OUTPUT 4083
 CRI>80
 Integral electronic power supply

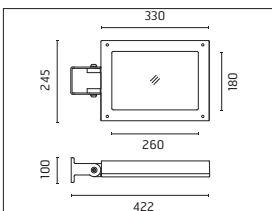
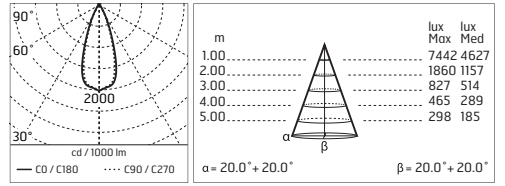


525133 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4173 ≠ Lm OUTPUT 3832
 CRI>80
 Integral electronic power supply

Perseo30 Power LED / Adjustable - Medium beam 40°

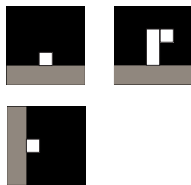


525122 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4446 ≠ Lm OUTPUT 3684
 CRI>80
 Integral electronic power supply

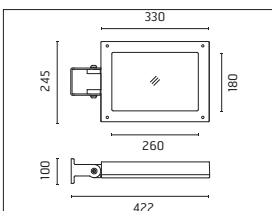
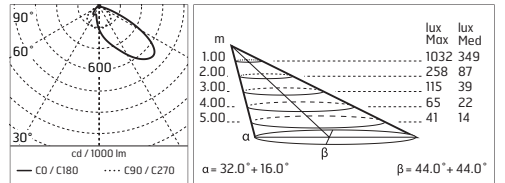


525123 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4173 ≠ Lm OUTPUT 3458
 CRI>80
 Integral electronic power supply

Perseo30 Power LED / Adjustable - Asymmetric optic

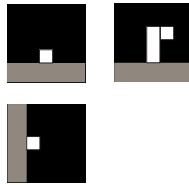


525102 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4446 ≠ Lm OUTPUT 3024
 CRI>80
 Integral electronic power supply

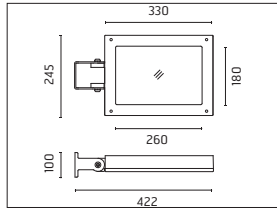
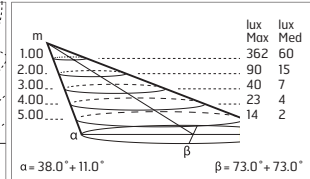
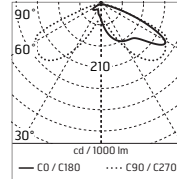


525103 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4173 ≠ Lm OUTPUT 2838
 CRI>80
 Integral electronic power supply

Perseo30 Power LED / Adjustable - Street light optic 120°

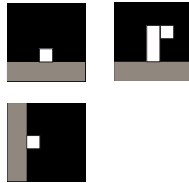
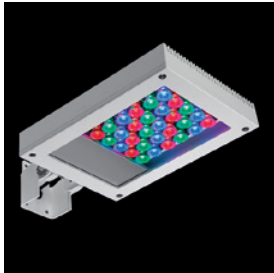


525112 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4446 ≈ Lm OUTPUT 2715
 CRI>80
 Integral electronic power supply



525113 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 48W/220÷240V
 Total power 53W
 Lm LED 4173 ≈ Lm OUTPUT 2362
 CRI>80
 Integral electronic power supply

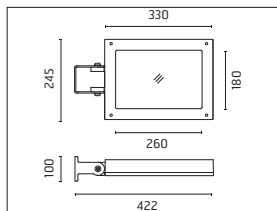
Perseo30 RGB Power LED / Adjustable - Medium beam 40°



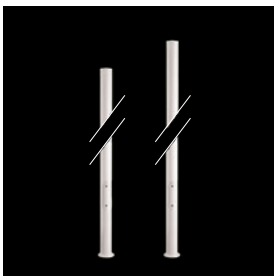
525124 **A A+ A++**
 RGB
 POWER LEDs
 34W/220÷240V
 with DMX interface
 Total power 40W
 Integral electronic power supply

Wiring diagram and installation scheme RGB

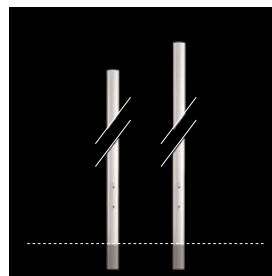
>> See Page 517
 Wiring Diagram n.8



Perseo30 LED / Ø 76mm - Poles

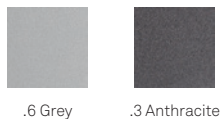


248
 H 3500 mm
249
 H 4500 mm



250
 H 3500 mm (+500mm)
251
 H 4500 mm (+500mm)

With Base and Access Door
 With Terminal Block 4x1,5-16mmq



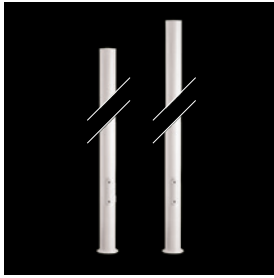
.6 Grey .3 Anthracite

In-Ground (+500 mm Root) With Access Door
 With Terminal Block 4x1,5-16mmq



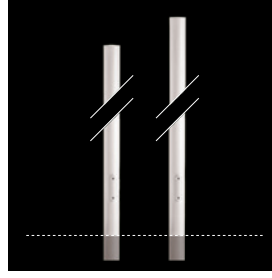
.6 Grey .3 Anthracite

Perseo30 LED / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm



4145
H 4000 mm (+500mm)

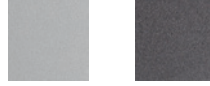
4155
H 5000 mm (+500mm)

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



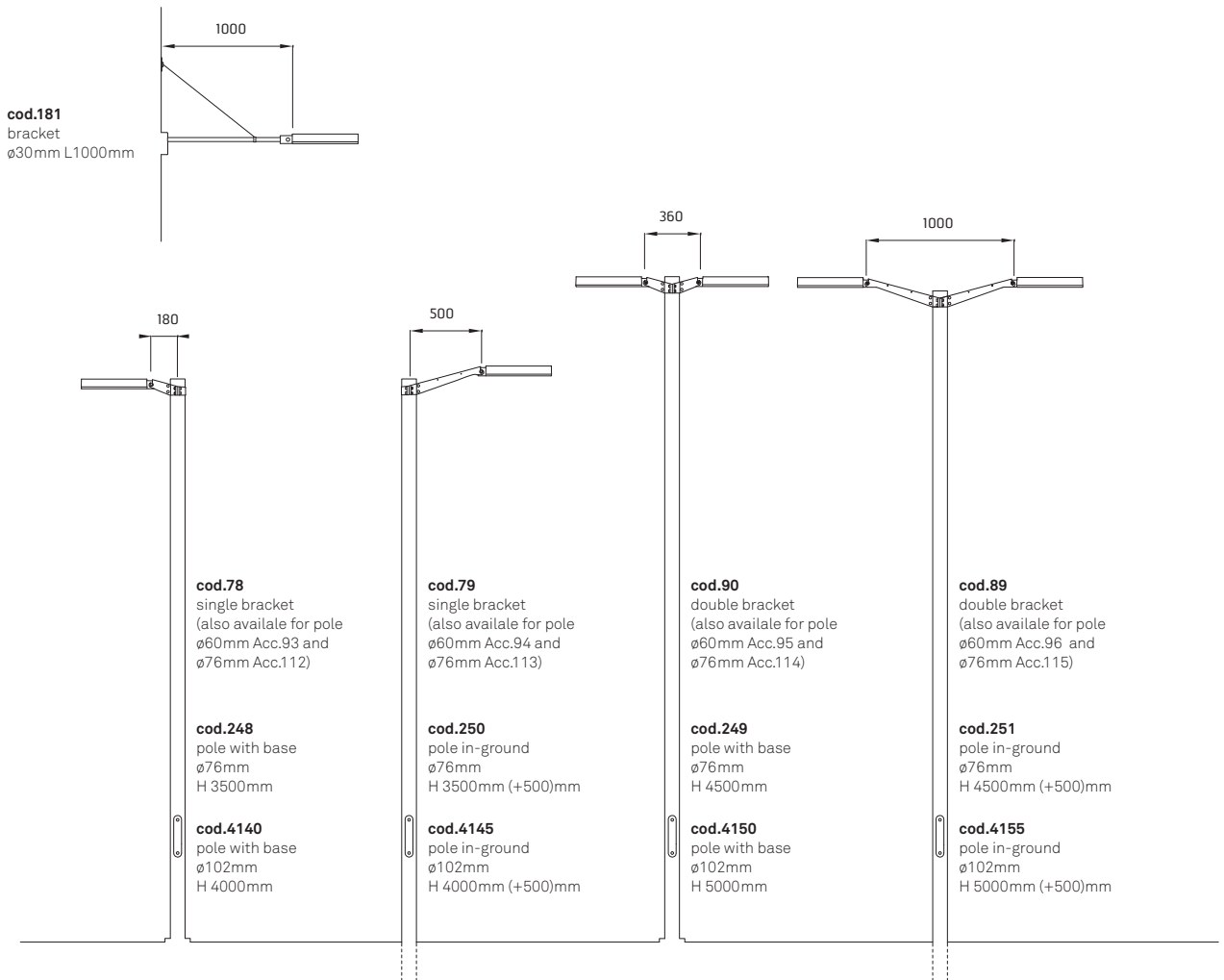
.6 Grey .3 Anthracite

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



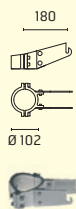
.6 Grey .3 Anthracite

Installation scheme: Perseo30



Accessories: Perseo30

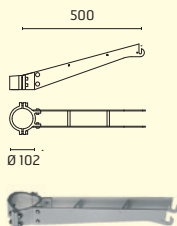
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



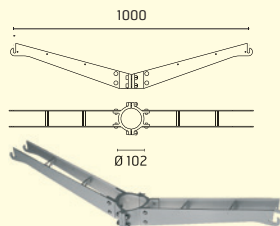
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



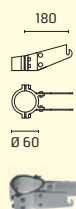
79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



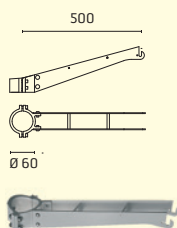
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



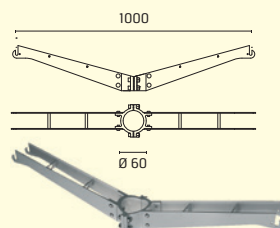
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



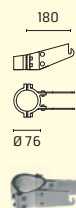
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



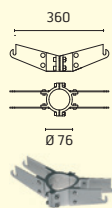
96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



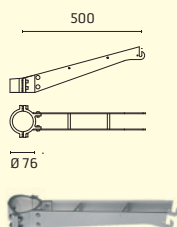
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



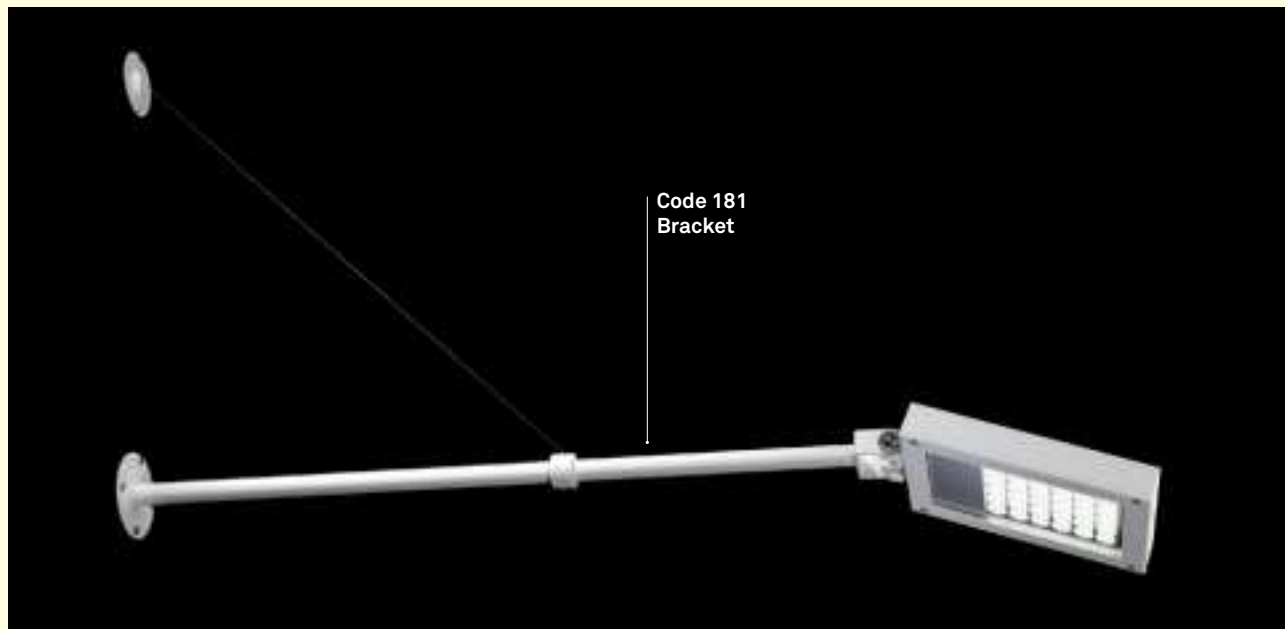
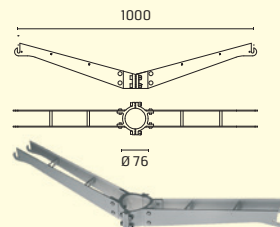
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



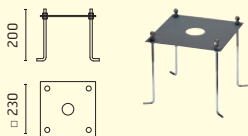
115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



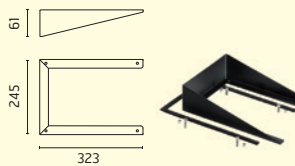
24
BASE PLATE AND FIXING BOLTS



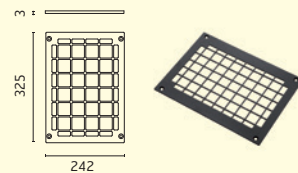
116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



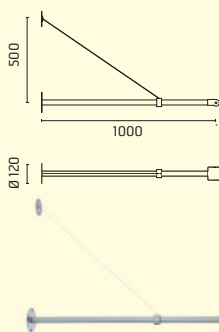
167
WALL WASHER VISOR



168
ANTI VANDAL LOUVRE



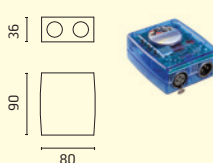
181
WALL BRACKET 1000mm



142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



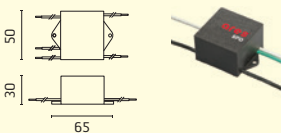
143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



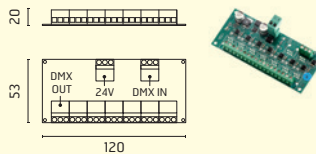
186
DMX CABLE - SHIELDED TWISTED PAIR
WITH 110 Ohm CONSTANT IMPEDANCE.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



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)



| acc. code ▶ | 78 | 90 | 79 | 89 | 93 | 95 | 94 | 96 | 112 | 114 | 113 | 115 | 24 | 116 | 167 | 168 | 181 | 142 | 143 | 186 | 187 | 237 | |
|--------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| prod. code ▼ | | | | | | | | | | | | | | | | | | | | | | | |
| 525102 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 525103 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 525112 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 525113 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 525122 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 525123 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 525124 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | • | • | • | • | • | |
| 525132 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 525133 | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | | | | | • | |
| 248 | | | | | | | | | | | | | • | | | | | | | | | | |
| 249 | | | | | | | | | | | | | • | | | | | | | | | | |
| 250 | | | | | | | | | | | | | | | | | | | | | | | |
| 251 | | | | | | | | | | | | | | | | | | | | | | | |
| 4140 | • | • | • | • | | | | | | | | | | • | | | | | | | | | |
| 4145 | • | • | • | • | | | | | | | | | | | | | | | | | | | |
| 4150 | • | • | • | • | | | | | | | | | | • | | | | | | | | | |
| 4155 | • | • | • | • | | | | | | | | | | | | | | | | | | | |



MINIFRANCO









FRANCO

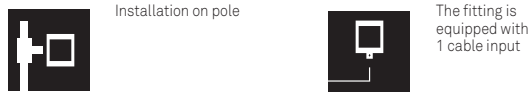
MAXIFRANCO

MINIFRANCO

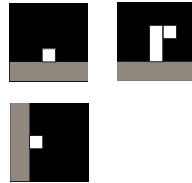
- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: wiring through a M16x1,5 metal cable gland (4,5mm\varnothing<math><10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. CoB LED version is supplied with a 2-way terminal block for 3-conductor cables – IP68.

EU Regulation 874/2012 - Illumination equipment energy classes

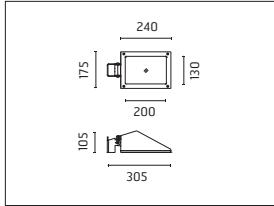
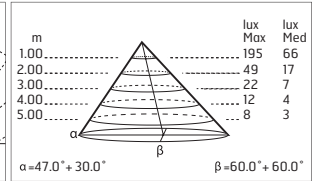
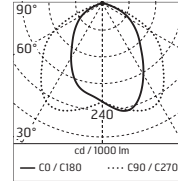
| | |
|---|--|
|  | LED VERSION:: Class A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced |
|  | |
|  | |
|  | METAL HALIDE VERSION: Class A+ CDM-TM/PGJ5 |
|  | |
|  | FLUORESCENT VERSION: Class A/B TC-T/GX24d-3 |
|  | |
|  | HALOGEN VERSION: Class D QT32/E27 |



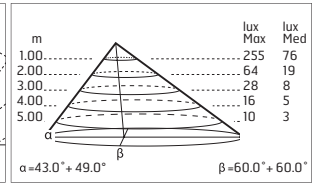
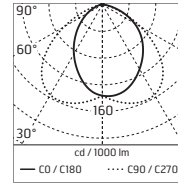
MiniFranco / Adjustable - Asymmetric Optic



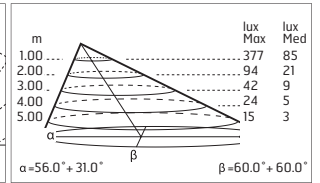
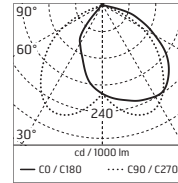
160114 D
QT 32 60W E27



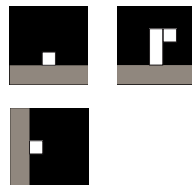
166314 B A
TC-T 26W GX24d-3



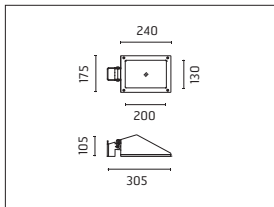
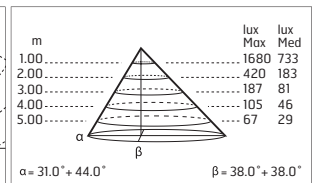
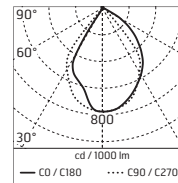
163714 A+
CDM-Tm 20W PGJ5
Electronic ballast



MiniFranco CoB LED / Adjustable - Symmetric Optic

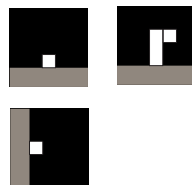


1628013 A A+ A++
NATURAL WHITE 4000K
CoB LED
22W/220÷240V
Total power 24W
lm LED 3221 ≠ lm OUTPUT 2166
CRI >80
Integral electronic power supply

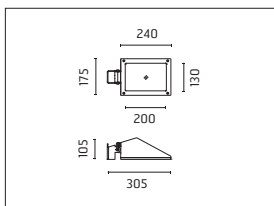
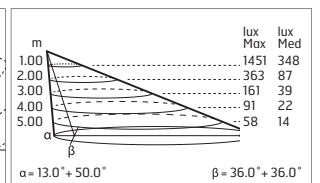
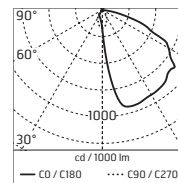


1628113 A A+ A++
WARM WHITE 3000K
CoB LED
22W/220÷240V
Total power 24W
lm LED 3071 ≠ lm OUTPUT 2065
CRI >80
Integral electronic power supply

MiniFranco CoB LED / Adjustable - Asymmetric Optic

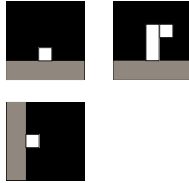
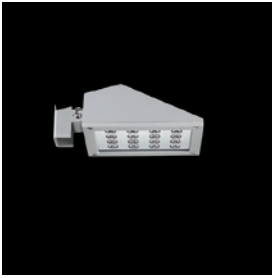


1628014 A A+ A++
NATURAL WHITE 4000K
CoB LED
22W/220÷240V
Total power 24W
lm LED 3221 ≠ lm OUTPUT 1698
CRI >80
Integral electronic power supply

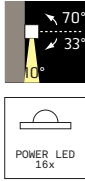
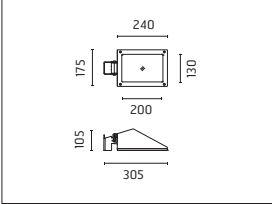
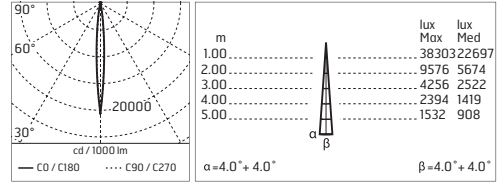


1628114 A A+ A++
WARM WHITE 3000K
CoB LED
22W/220÷240V
Total power 24W
lm LED 3071 ≠ lm OUTPUT 1619
CRI >80
Integral electronic power supply

MiniFranco Power LED / Adjustable - Narrow Beam 10°

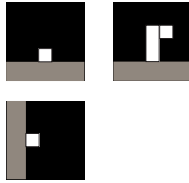
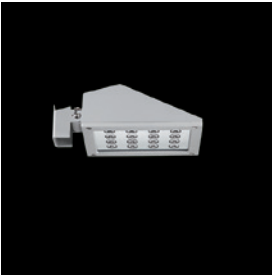


1622412 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 lm LED 1832 ≠ lm OUTPUT 1588
 CRI>80
 Integral electronic power supply

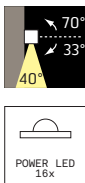
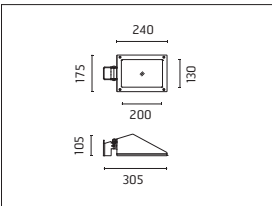
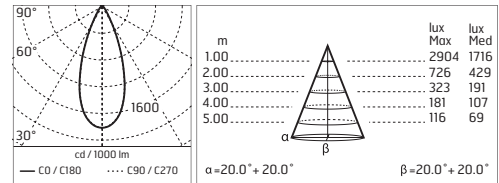


1610112 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 lm LED 1656 ≠ lm OUTPUT 1435
 CRI>80
 Integral electronic power supply

MiniFranco Power LED / Adjustable - Medium Beam 40°



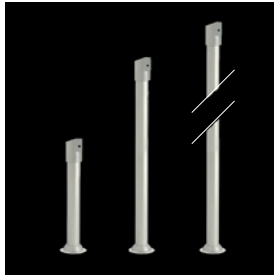
1622413 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 lm LED 1832 ≠ lm OUTPUT 1368
 CRI>80
 Integral electronic power supply



1610113 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220÷240V
 Total power 20W
 lm LED 1656 ≠ lm OUTPUT 1237
 CRI>80
 Integral electronic power supply



MiniFranco / Ø 60mm - Poles

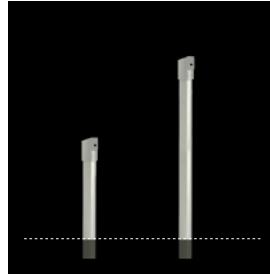


1005
H 500 mm

1009
H 900 mm

117
H 2000 mm

With Base

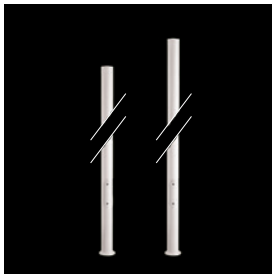


1105
H 500 mm (+300mm)

1109
H 900 mm (+300mm)

In-Ground (+300 mm Root)

MiniFranco / Ø 76mm - Poles



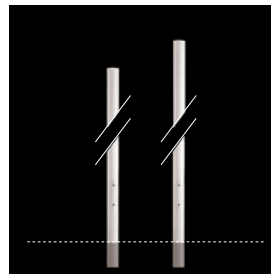
248
H 3500 mm

249
H 4500 mm

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey .3 Anthracite



250
H 3500 mm (+500mm)

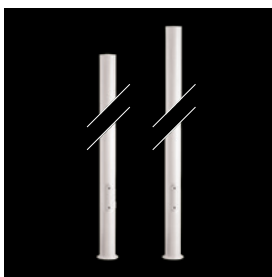
251
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey .3 Anthracite

MiniFranco / Ø 102mm - Poles



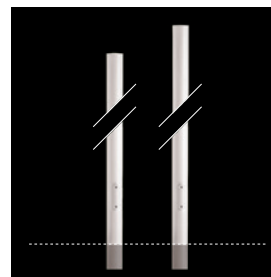
4140
H 4000 mm

4150
H 5000 mm

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey .3 Anthracite



4145
H 4000 mm (+500mm)

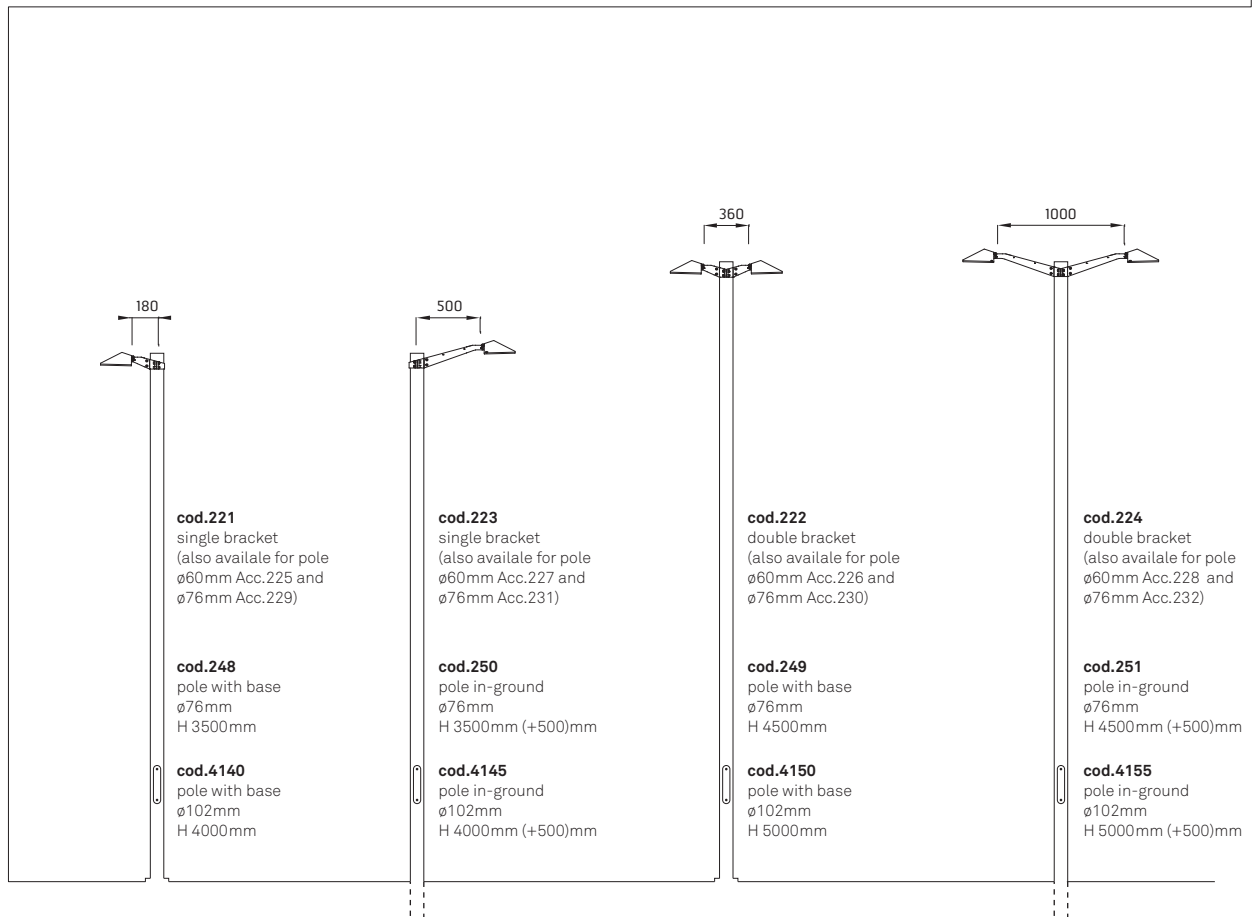
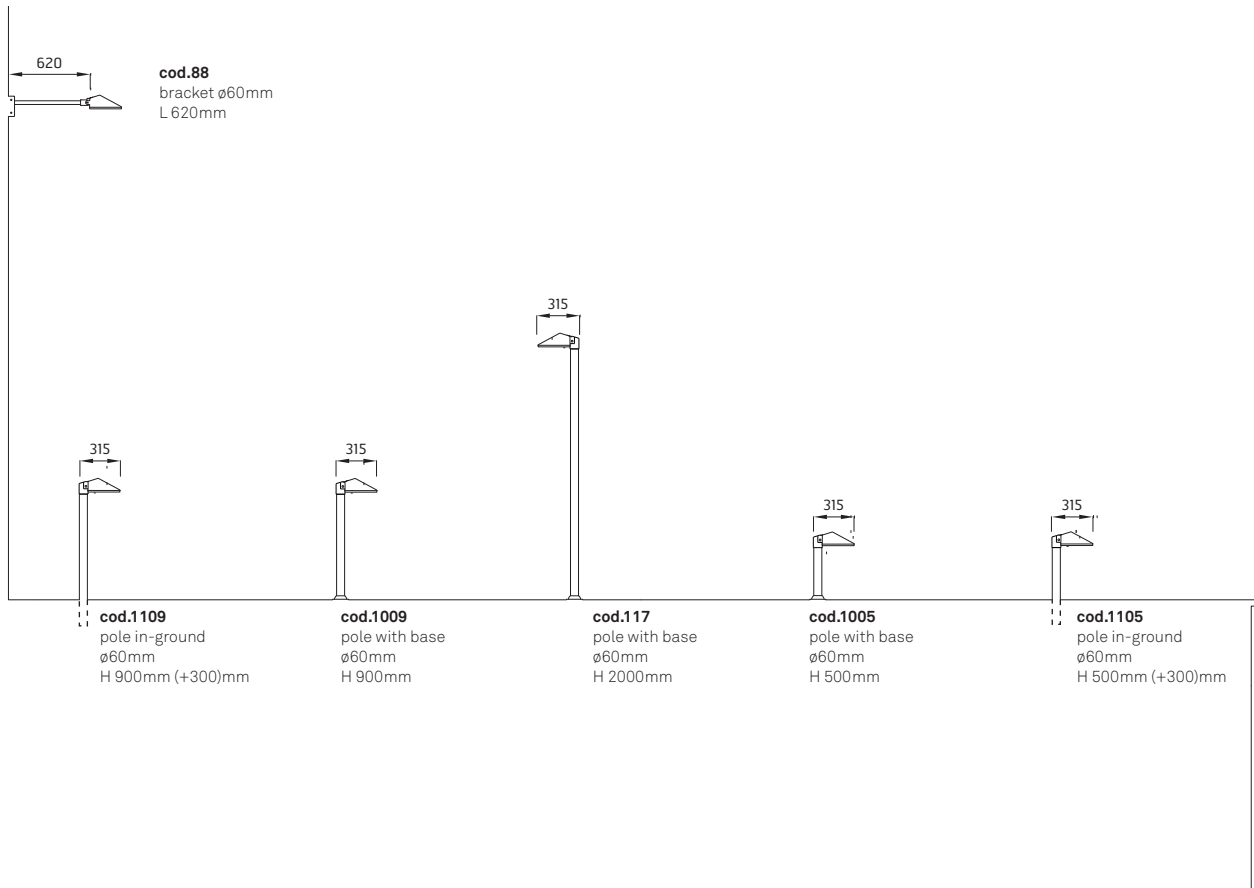
4155
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey .3 Anthracite

Installation scheme: MiniFranco

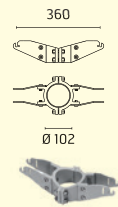


Accessories: MiniFranco

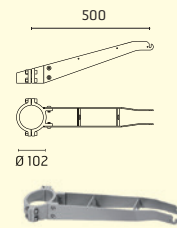
221
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



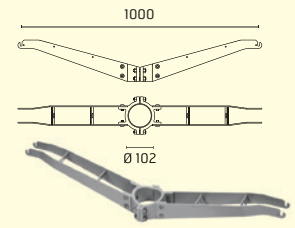
222
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



223
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



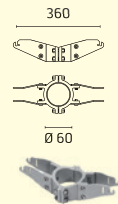
224
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



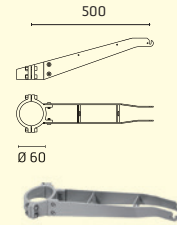
225
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



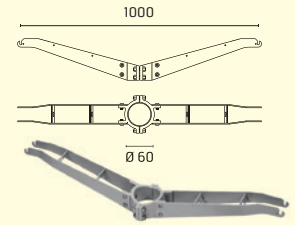
226
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



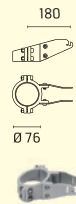
227
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



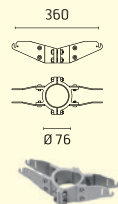
228
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



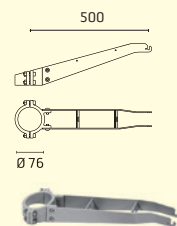
229
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



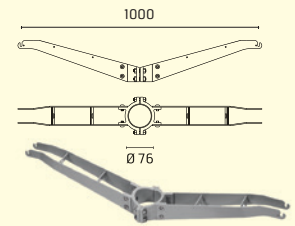
230
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



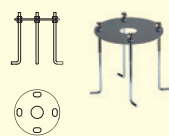
231
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



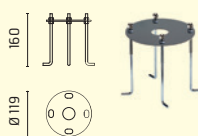
232
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



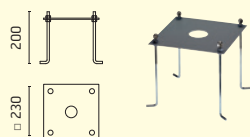
24
BASE PLATE AND FIXING BOLTS



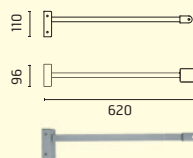
243
BASE PLATE AND FIXING BOLTS
Ø 119 x H 160mm



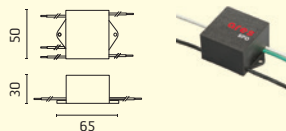
116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



88
WALL BRACKET 620mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 237 | 243 | 116 | 88 | 24 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| prod. code ▼ | | | | | | | | | | | | | | | | | |
| 160114 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 163714 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 166314 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1610112 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1610113 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1622412 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1622413 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1628013 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1628014 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1628113 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 1628114 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 117 | | | | | | | | | | | | | | • | | | |
| 248 | | | | | | | | | | | | | | | | | • |
| 249 | | | | | | | | | | | | | | | | | • |
| 250 | | | | | | | | | | | | | | | | | |
| 251 | | | | | | | | | | | | | | | | | |
| 1005 | | | | | | | | | | | | | | | | | |
| 1009 | | | | | | | | | | | | | | | | | |
| 1105 | | | | | | | | | | | | | | | | | |
| 1109 | | | | | | | | | | | | | | | | | |
| 4140 | • | • | • | • | | | | | | | | | | | • | | |
| 4145 | • | • | • | • | | | | | | | | | | | | | |
| 4150 | • | • | • | • | | | | | | | | | | | • | | |
| 4155 | • | • | • | • | | | | | | | | | | | | | |

FRANCO

- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear. Graduated stainless steel fixing plate for a precise adjustment.
- 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: wiring through a M20x1,5 metal cable gland (7mm\varnothing<math><13\text{mm}</math> 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++
Luminaire supplied with integrated LED modules that cannot be replaced



METAL HALIDE VERSION:
Class A+
HIT-DE/RX7s



SODIUM VAPOR VERSION:
Class A+
HST-DE/Rx7s



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



Floor installation



Installation on pole

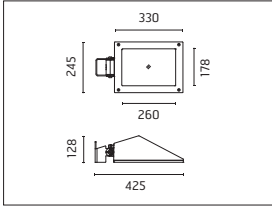
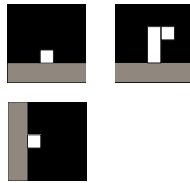
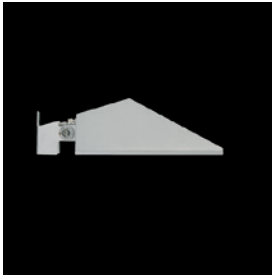


The fitting is equipped with 1 cable input



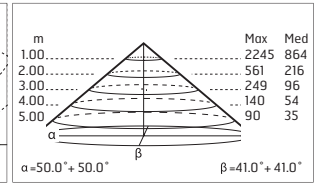
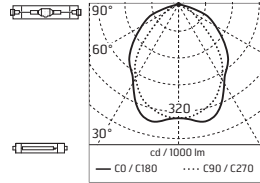
Protection against impact.
IK 07 - 2,00 joule

Franco / Adjustable - Symmetric Optic

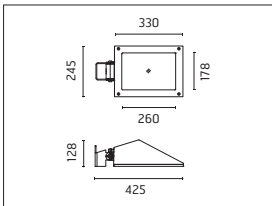
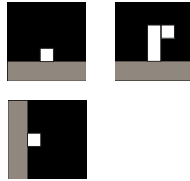
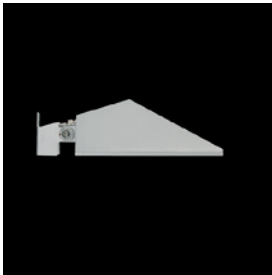


962913 A+
HIT-DE 70W Rx7S

Optional bulb
HST-DE 70W Rx7s A+
Yellow light (2000K)
Photometric curve not available

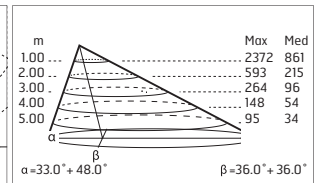
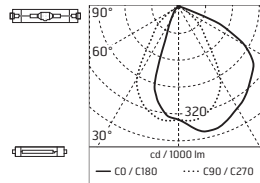


Franco / Adjustable - Asymmetric Optic

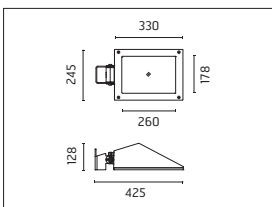
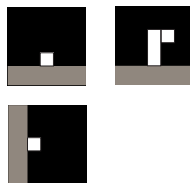


962914 A+
HIT-DE 70W Rx7S

Optional bulb
HST-DE 70W Rx7s A+
Yellow light (2000K)
Photometric curve not available

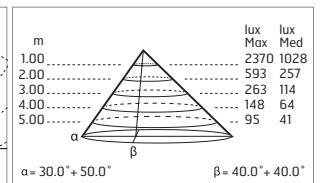
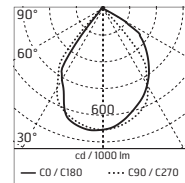


Franco CoB LED / Adjustable - Symmetric Optic

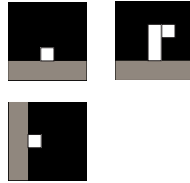


9628213 A A+ A++
NATURAL WHITE 4000K
CoB LED
39W/220÷240V
Total power 43W
lm LED 5560 ≈ lm OUTPUT 3465
CRI >80
Integral electronic power supply

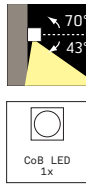
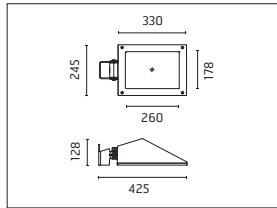
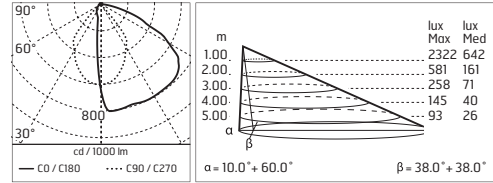
9628313 A A+ A++
WARM WHITE 3000K
CoB LED
39W/220÷240V
Total power 43W
lm LED 5423 ≈ lm OUTPUT 3380
CRI >80
Integral electronic power supply



Franco CoB LED / Adjustable - Asymmetric Optic

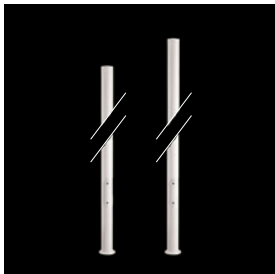


9628214 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 39W/220÷240V
 Total power 43W
 lm LED 5560 ≈ lm OUTPUT 2919
 CRI >80
 Integral electronic power supply



9628314 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 39W/220÷240V
 Total power 43W
 lm LED 5423 ≈ lm OUTPUT 2847
 CRI >80
 Integral electronic power supply

Franco / Ø 76mm - Poles

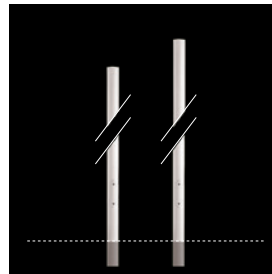


248
 H 3500 mm
249
 H 4500 mm

With Base and Access Door
 With Terminal Block 4x1,5-16mmq



.6 Grey .3 Anthracite



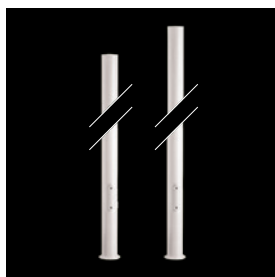
250
 H 3500 mm (+500mm)
251
 H 4500 mm (+500mm)

In-Ground (+500 mm Root) With Access Door
 With Terminal Block 4x1,5-16mmq



.6 Grey .3 Anthracite

Franco / Ø 102mm - Poles

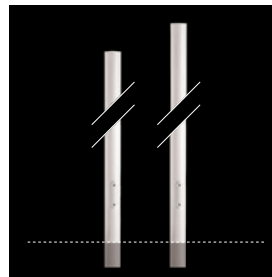


4140
 H 4000 mm
4150
 H 5000 mm

With Base and Access Door
 With Terminal Block 4x1,5-16mmq



.6 Grey .3 Anthracite



4145
 H 4000 mm (+500mm)
4155
 H 5000 mm (+500mm)

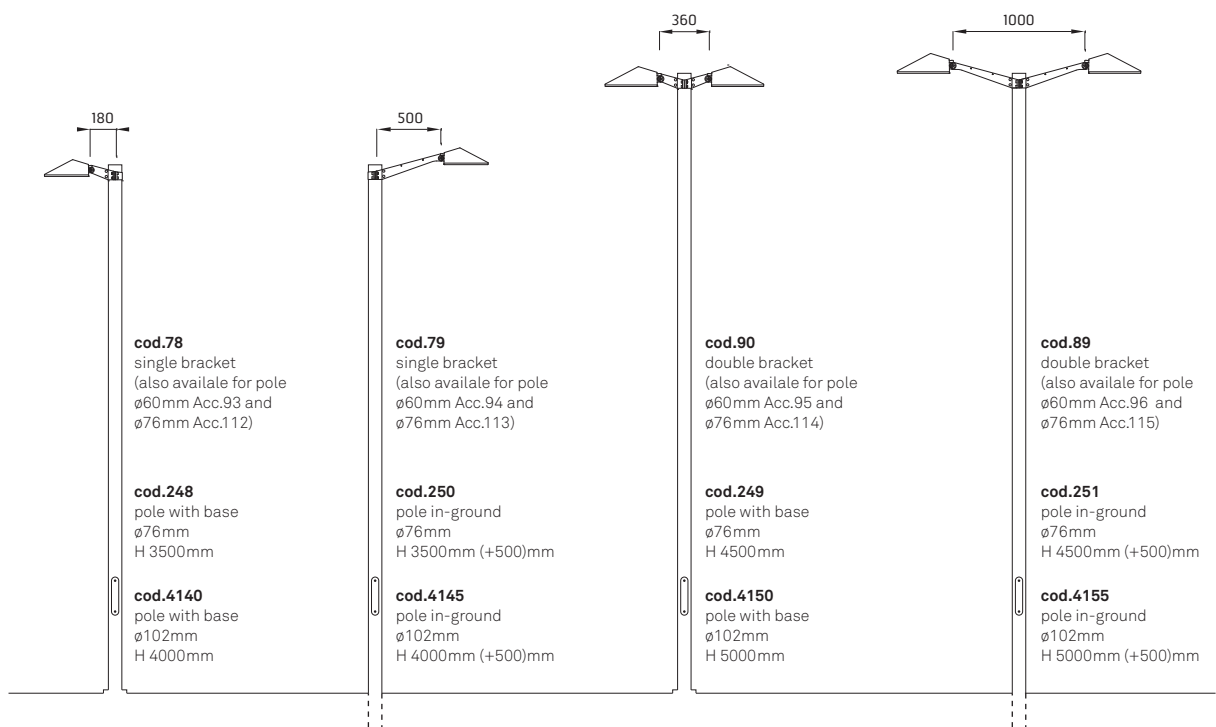
In-Ground (+500 mm Root) With Access Door
 With Terminal Block 4x1,5-16mmq



.6 Grey .3 Anthracite



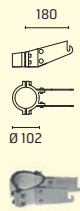
Installation scheme: Franco





Accessories: Franco

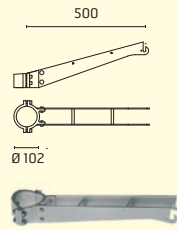
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



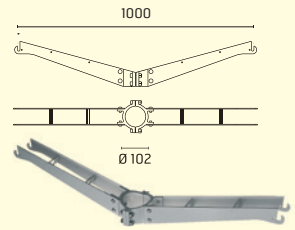
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



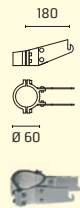
79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



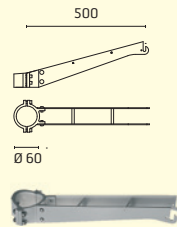
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



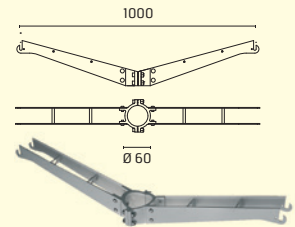
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



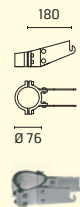
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



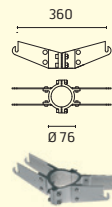
96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



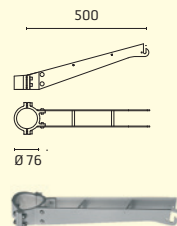
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



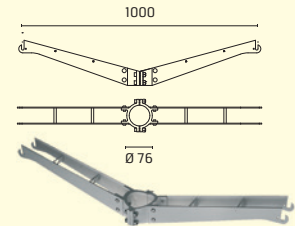
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



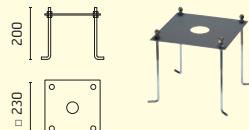
115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



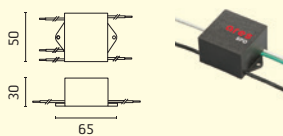
24
BASE PLATE AND FIXING BOLTS



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 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 78 | 90 | 79 | 89 | 93 | 95 | 94 | 96 | 112 | 114 | 113 | 115 | 24 | 116 | 237 |
|--------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | | | | |
| 962913 | • | • | • | • | • | • | • | • | • | • | • | • | | | |
| 962914 | • | • | • | • | • | • | • | • | • | • | • | • | | | |
| 9628213 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9628214 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9628313 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9628314 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 248 | | | | | | | | | | | | | | • | |
| 249 | | | | | | | | | | | | | | • | |
| 250 | | | | | | | | | | | | | | | |
| 251 | | | | | | | | | | | | | | | |
| 4140 | • | • | • | • | | | | | | | | | | | • |
| 4145 | • | • | • | • | | | | | | | | | | | |
| 4150 | • | • | • | • | | | | | | | | | | | • |
| 4155 | • | • | • | • | | | | | | | | | | | |

MAXIFRANCO

- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear. Graduated stainless steel fixing plate for a precise adjustment.
- 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: wiring through a M20x1,5 metal cable gland (7mm$\lt\mathit{13\text{mm}}$ 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 that cannot be replaced

METAL HALIDE VERSION:
Class A+
HIT-DE/RX7s
HIT-CE/G12

SODIUM VAPOR VERSION:
Class A+
HST-DE/Rx7s



Wall fitting



Floor installation



Installation on pole

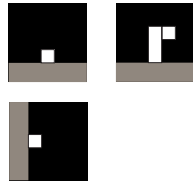


The fitting is equipped with 1 cable input



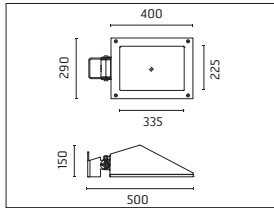
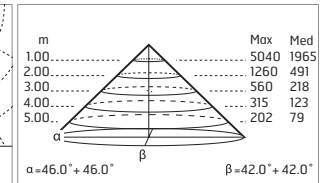
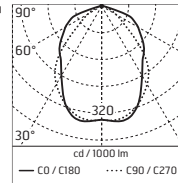
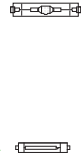
Protection against impact.
IK 07 - 2,00 joule

MaxiFranco / Adjustable - Symmetric Optic

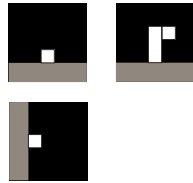


971913 A+
HIT-DE 150W Rx7s

Optional bulb
HST-DE 150W Rx7s A+
Yellow light (2000K)
Photometric curve not available

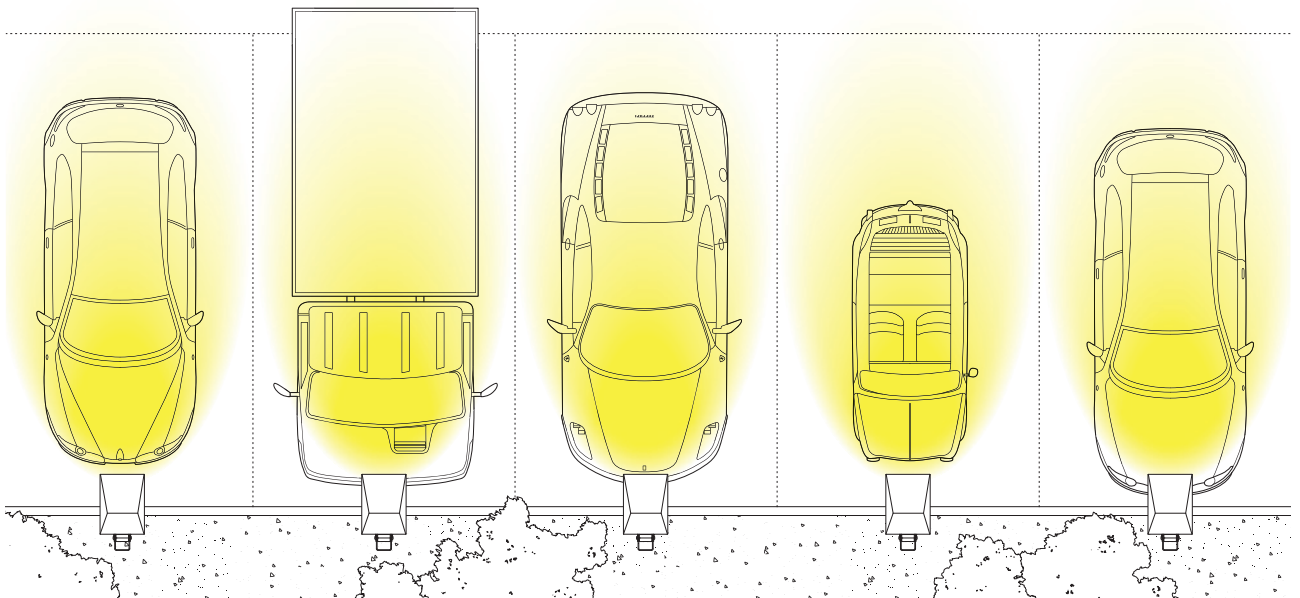
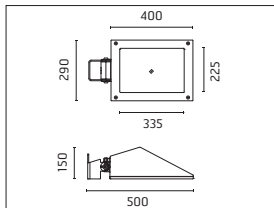
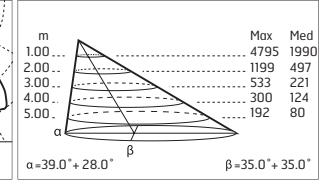
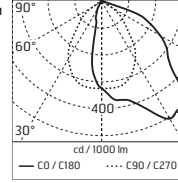


MaxiFranco / Adjustable - Asymmetric Optic

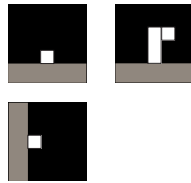


971914 A+
HIT-DE 150W Rx7s

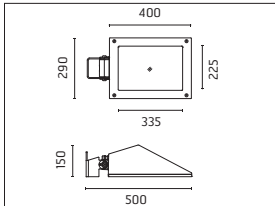
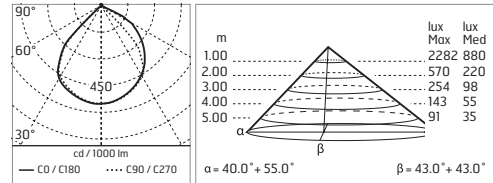
Optional bulb
HST-DE 150W Rx7s A+
Yellow light (2000K)
Photometric curve not available



MaxiFranco CoB LED / Adjustable - Symmetric Optic

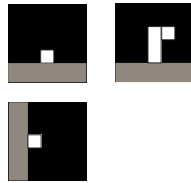


9728413 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 6446 ≈ lm OUTPUT 4142
 CRI >80
 Integral electronic power supply

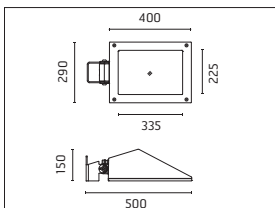
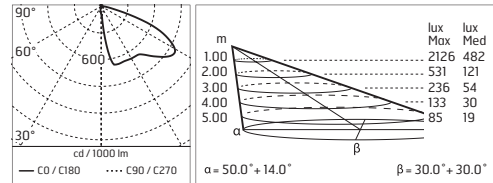


9728513 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 6287 ≈ lm OUTPUT 4040
 CRI >80
 Integral electronic power supply

MaxiFranco CoB LED / Adjustable - Asymmetric Optic

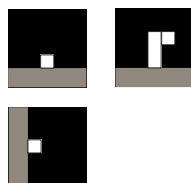


9728414 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 6446 ≈ lm OUTPUT 3386
 CRI >80
 Integral electronic power supply

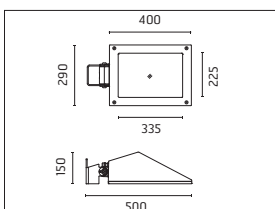
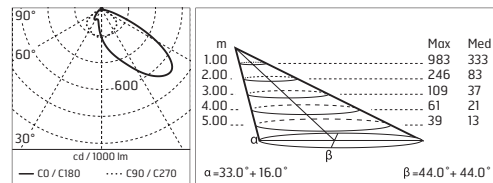


9428514 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 45W/220÷240V
 Total power 52W
 lm LED 6287 ≈ lm OUTPUT 3303
 CRI >80
 Integral electronic power supply

MaxiFranco Power LED / Adjustable - Asymmetric Optic

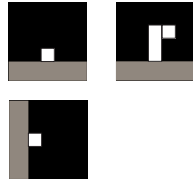
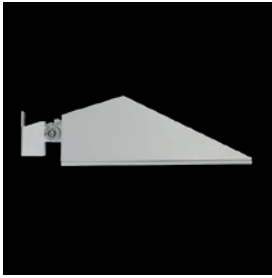


9724713 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 42W/110÷240V
 Total power 47W
 lm LED 4104 ≈ lm OUTPUT 2448
 CRI >80
 Integral electronic power supply

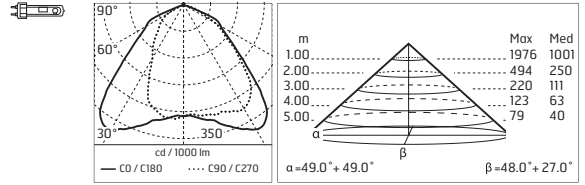


9724813 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 42W/110÷240V
 Total power 47W
 lm LED 3852 ≈ lm OUTPUT 2212
 CRI >80
 Integral electronic power supply

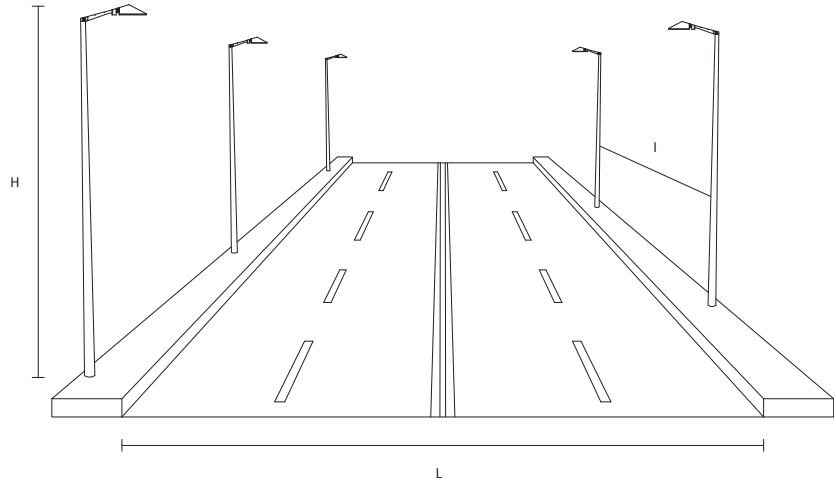
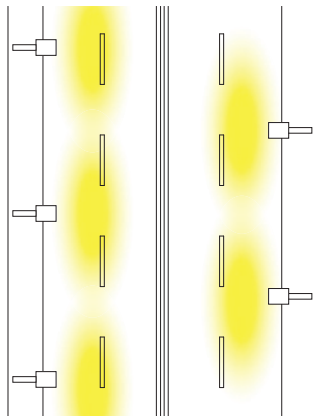
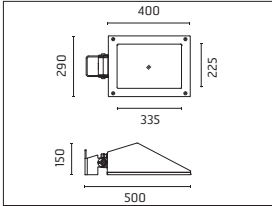
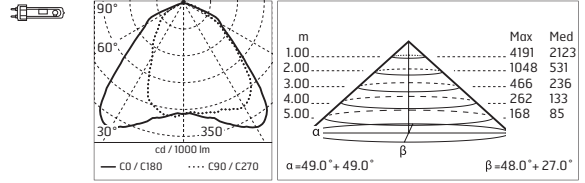
MaxiFranco / Adjustable - Street light Optic



9771109 **A***
HIT-CE 70W G12



9715109 **A***
HIT-CE 150W G12

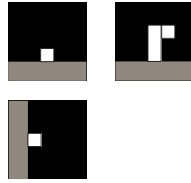


MaxiFranco street light

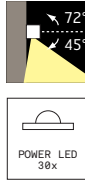
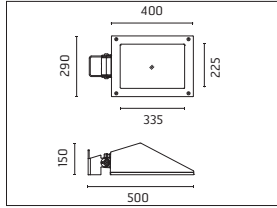
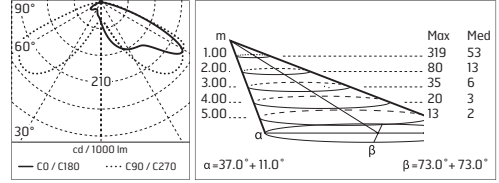
Installation of Maxi Franco as street lighting on R3 street pavement and ME4a road (mixed traffic road - minor roads connected to major roads). The chart refers to the European regulation EN 13201-1. For any other technical info please contact ARES' lighting design department.

| MaxiFranco | H | I | L | Lm | Uo | Ul | Ti |
|--------------|---|----|---|------|-----|-----|----|
| 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

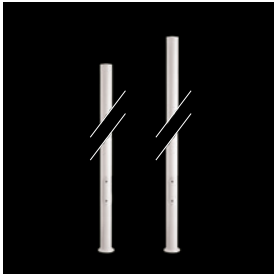


9724714 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 42W/110÷240V
 Total power 47W
 lm LED 4104 = lm OUTPUT 2037
 CRI>80
 Integral electronic power supply



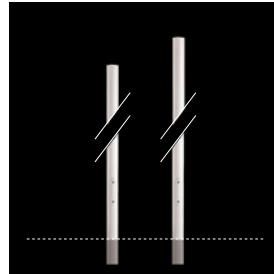
9724814 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 42W/110÷240V
 Total power 47W
 lm LED 3852 = lm OUTPUT 1841
 CRI>80
 Integral electronic power supply

MaxiFranco / Ø 76mm - Poles



248
H 3500 mm

249
H 4500 mm

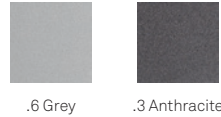
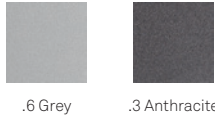


250
H 3500 mm (+500mm)

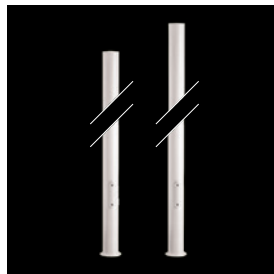
251
H 4500 mm (+500mm)

**With Base and Access Door
 With Terminal Block 4x1,5-16mmq**

**In-Ground (+500 mm Root) With Access Door
 With Terminal Block 4x1,5-16mmq**

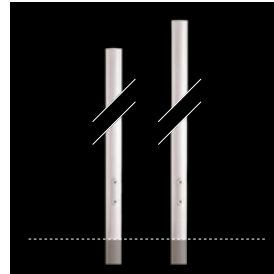


MaxiFranco / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

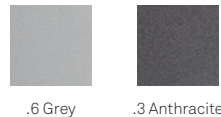
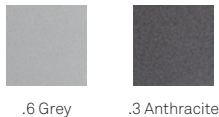


4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**With Base and Access Door
 With Terminal Block 4x1,5-16mmq**

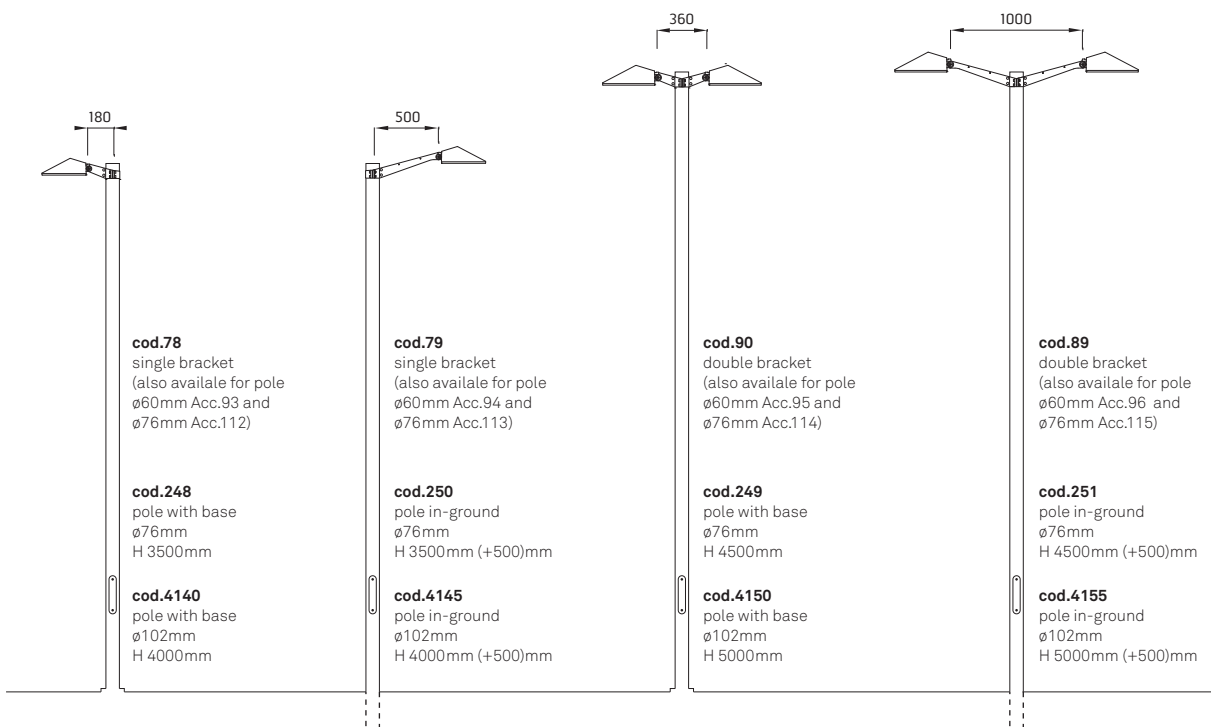
**In-Ground (+500 mm Root) With Access Door
 With Terminal Block 4x1,5-16mmq**





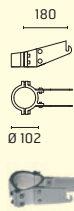


Installation scheme: MaxiFranco



Accessories: Maxi Franco

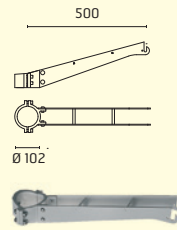
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



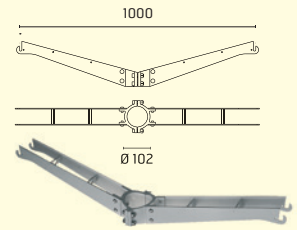
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



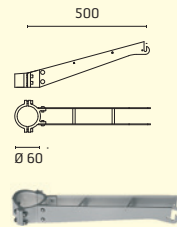
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



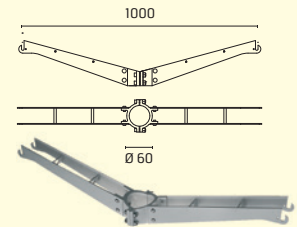
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



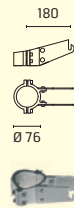
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



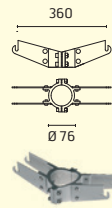
96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



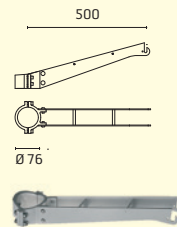
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



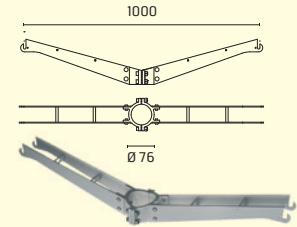
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



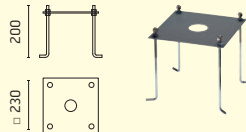
115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



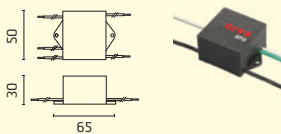
24
BASE PLATE AND FIXING BOLTS



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 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 78 | 90 | 79 | 89 | 93 | 95 | 94 | 96 | 112 | 114 | 113 | 115 | 24 | 116 | 237 |
|--------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | | | | |
| 971913 | • | • | • | • | • | • | • | • | • | • | • | • | | | |
| 971914 | • | • | • | • | • | • | • | • | • | • | • | • | | | |
| 9715109 | • | • | • | • | • | • | • | • | • | • | • | • | | | |
| 9724713 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9724714 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9724813 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9724814 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9728413 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9728414 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9728513 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9728514 | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| 9771109 | • | • | • | • | • | • | • | • | • | • | • | • | | | |
| 248 | | | | | | | | | | | | | | | • |
| 249 | | | | | | | | | | | | | | | • |
| 250 | | | | | | | | | | | | | | | |
| 251 | | | | | | | | | | | | | | | |
| 4140 | • | • | • | • | | | | | | | | | | | • |
| 4145 | • | • | • | • | | | | | | | | | | | |
| 4150 | • | • | • | • | | | | | | | | | | | • |
| 4155 | • | • | • | • | | | | | | | | | | | |



- Pole top luminaire for installation on pole or wall (dedicated wall mounting bracket).
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), top cover in pre-galvanised sheet (lower side painted in white) secured to the housing by four extruded aluminium brackets. Acrylic diffuser: clear or opal, 3mm thick.
- 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 EN60598-1 standards.
- Class of insulation: I; LED module: II.
- Installation: the fixture is equipped with 1000mm cable. Re-lamping through the removal of a disc fitted on the top cover.
- 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 that cannot be replaced

METAL HALIDE VERSION:
Class A+
HfE/E27

FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-5



.6 Grey



.3 Anthracite



Pole top luminaire

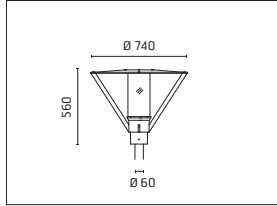


Pre-wired with approx 1000mm of cable

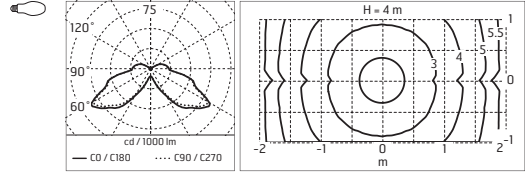


Protection against impact.
IK 07 - 2,00 joule

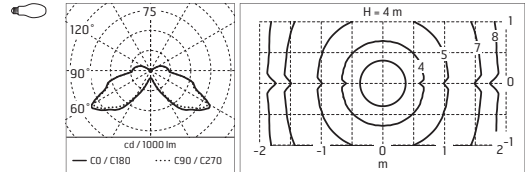
Andrea / Pole Ø 60mm - Transparent Acrylic Diffuser



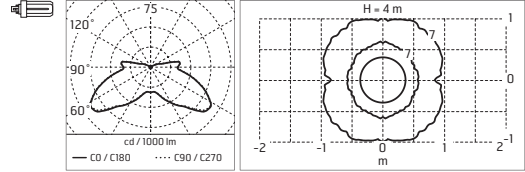
12115320
 HIE 70W E27



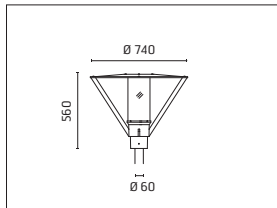
12115420
 HIE 100W E27



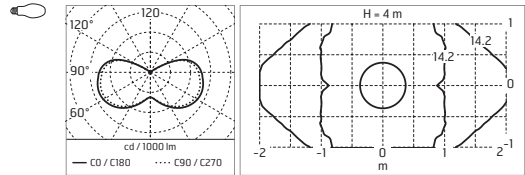
12115520
 TC-TEL 57W Gx24 q-5
 Electronic ballast



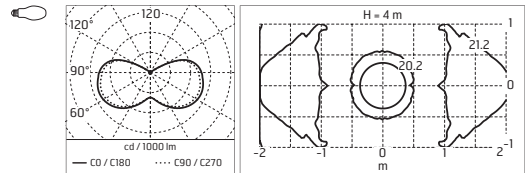
Andrea / Pole Ø 60mm - Opal (inside) Acrylic Diffuser



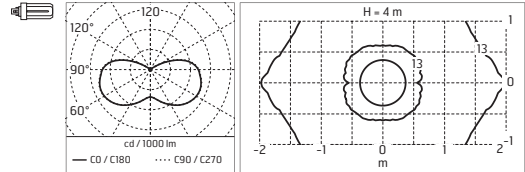
121153112
 HIE 70W E27



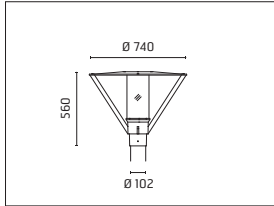
121154112
 HIE 100W E27



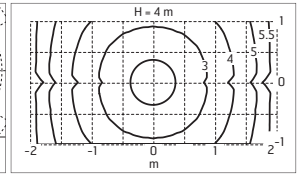
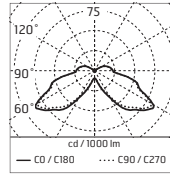
121155112
 TC-TEL 57W Gx24 q-5
 Electronic ballast



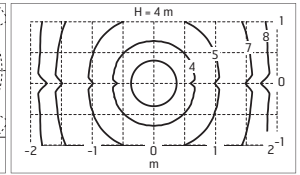
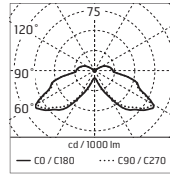
Andrea / Pole Ø 102mm - Transparent Acrylic Diffuser



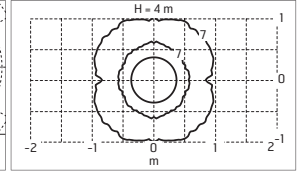
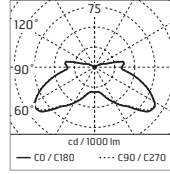
121153115
HIE 70W E27



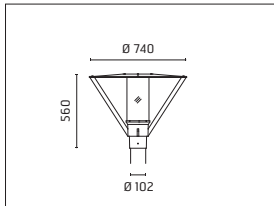
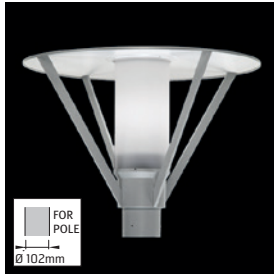
121154115
HIE 100W E27



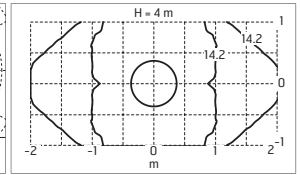
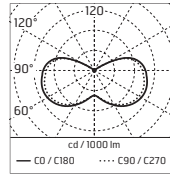
121155115
TC-TEL 57W Gx24 q-5
Electronic ballast



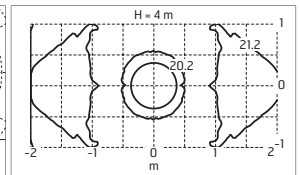
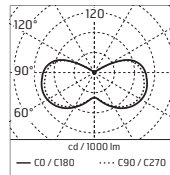
Andrea / Pole Ø 102mm - Opal (inside) Acrylic Diffuser



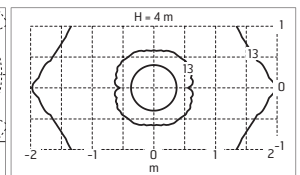
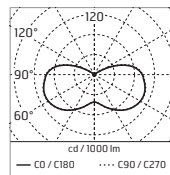
121153114
HIE 70W E27



121154114
HIE 100W E27



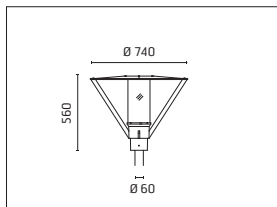
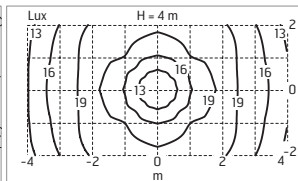
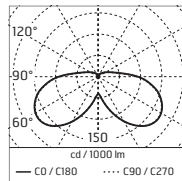
121155114
TC-TEL 57W Gx24 q-5
Electronic ballast



Andrea Power LED / Pole Ø 60mm - Opal (inside) Acrylic Diffuser



121264112
 NATURAL WHITE 4000K
 POWER LEDs
 44W/220÷240V
 Total power 49W
 lm LED 4275 ≈ lm OUTPUT 3596
 CRI >80
 Integral electronic power supply

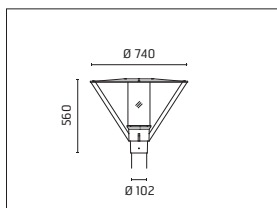
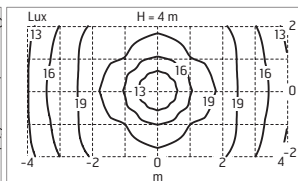
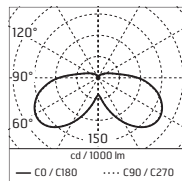


121265112
 WARM WHITE 3000K
 POWER LEDs
 44W/220÷240V
 Total power 49W
 lm LED 4013 ≈ lm OUTPUT 3375
 CRI >80
 Integral electronic power supply

Andrea Power LED / Pole Ø 102mm - Opal (inside) Acrylic Diffuser

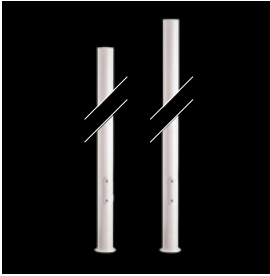


121264114
 NATURAL WHITE 4000K
 POWER LEDs
 44W/220÷240V
 Total power 49W
 lm LED 4275 ≈ lm OUTPUT 3596
 CRI >80
 Integral electronic power supply



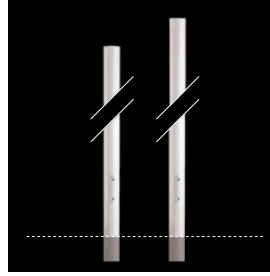
121265114
 WARM WHITE 3000K
 POWER LEDs
 44W/220÷240V
 Total power 49W
 lm LED 4013 ≈ lm OUTPUT 3375
 CRI >80
 Integral electronic power supply

Andrea / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

With Base and Access Door
With Terminal Block 4x1,5-16mmq



.6 Grey



.3 Anthracite

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



.6 Grey



.3 Anthracite



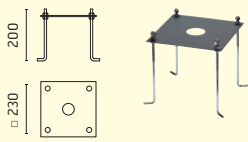
Andrea wall Version



Accessories: Andrea

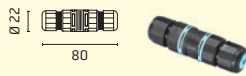
116

BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



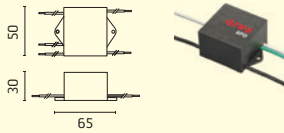
236

2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



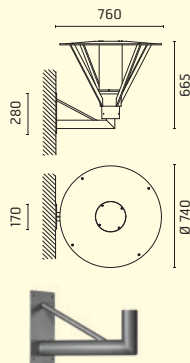
237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



125

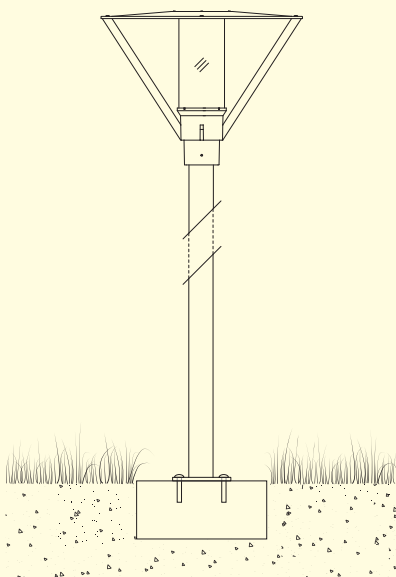
WALL BRACKET FOR Ø 60mm HEAD



| acc. code ▶ | 116 | 236 | 125 | 237 |
|-------------|-----|-----|-----|-----|
| 12115320 | | • | • | |
| 12115420 | | • | • | |
| 12115520 | | • | • | |
| 121153112 | | • | • | |
| 121153114 | | • | | |
| 121153115 | | • | | |
| 121154112 | | • | • | |
| 121154114 | | • | | |
| 121154115 | | • | | |
| 121155112 | | • | • | |
| 121155114 | | • | | |
| 121155115 | | • | | |
| 121264112 | | • | • | • |
| 121264114 | | • | • | • |
| 121265112 | | • | • | • |
| 121265114 | | • | • | • |
| 4140 | • | | | |
| 4145 | | | | |
| 4150 | • | | | |
| 4155 | | | | |

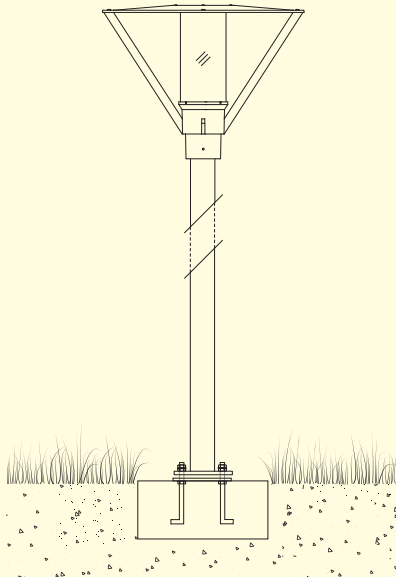
Correct Fixing Method

Bollard fixed on plint +
suitable installation screws



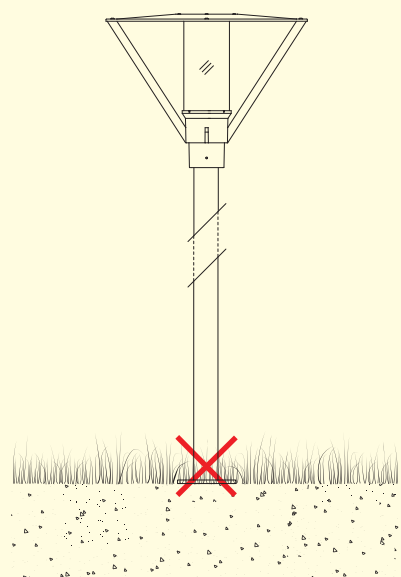
Correct Fixing Method

Bollard fixed on plint + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground






MARTINA

- Adjustable spotlight.
- Configuration: turned and anodized (raw or painted) aluminium structure with stainless steel adjustable bracket. Glass diffuser: transparent or sandblasted with silkscreen border, fixed through a robotic gluing system.
- 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 EN60598-1 standards.
- Class of insulation: III.
- Installation: the luminaire is equipped with 2000mm cable. Martina 24V and Maxi Martina 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required. Mini Martina, Martina RGB and Maxi Martina RGB requires connection in series.
- 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 that cannot be replaced


 MiniMartina, Martina and MaxiMartina


.8 Anodized Aluminium

 .1 White







 .6 Grey

 .3 Anthracite

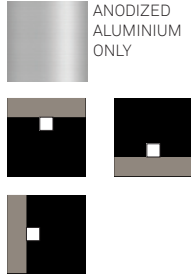
 .4 Black

 .18 Deep Brown

Martina and MaxiMartina ONLY

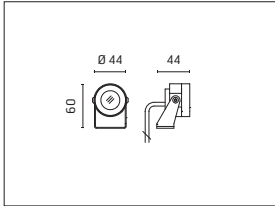
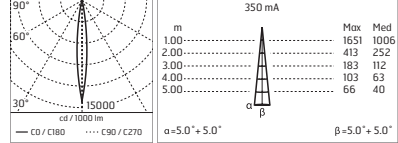
| | |
|--|--|
|  Ceiling lamp |  Wall lamp |
|  Floor installation |  Pre-wired with approx 2000mm of cable |
|  Remote device required |  Protection against impact. IK 05 - 0,70 joule MiniMartina IK 07 - 2,00 joule Martina/MaxiMartina |

MiniMartina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



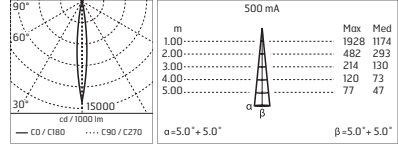
10517112 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,1 ÷ 1,6W/350÷500mA
 Total power 1,1W@350mA - 1,6W@500mA
 lm LED 130@350mA ≠ lm OUTPUT 117@350mA
 lm LED 195@500mA ≠ lm OUTPUT 137@500mA
 CRI>80

Remote electronic power supply to be ordered
 ■■■■Acc. 129, 184, 135 or 218

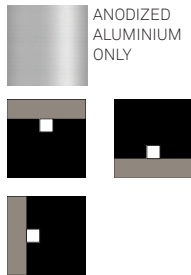


10514412 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,1 ÷ 1,6W/350÷500mA
 Total power 1,1W@350mA - 1,6W@500mA
 lm LED 120@350mA ≠ lm OUTPUT 108@350mA
 lm LED 180@500mA ≠ lm OUTPUT 127@500mA
 CRI>80

Remote electronic power supply to be ordered
 ■■■■Acc. 129, 184, 135 or 218

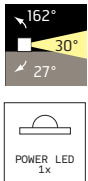
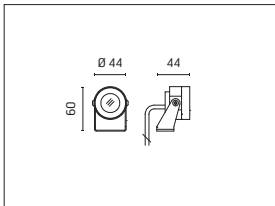
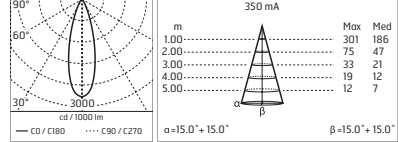


MiniMartina Power LED / Transparent Glass - Adjustable - Medium Beam 30°



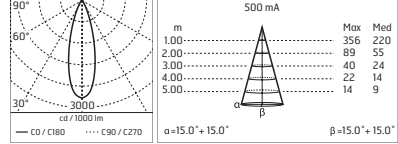
10517100 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,1 ÷ 1,6W/350÷500mA
 Total power 1,1W@350mA - 1,6W@500mA
 lm LED 120@350mA ≠ lm OUTPUT 110@350mA
 lm LED 195@500mA ≠ lm OUTPUT 129@500mA
 CRI>80

Remote electronic power supply to be ordered
 ■■■■Acc. 129, 184, 135 or 218

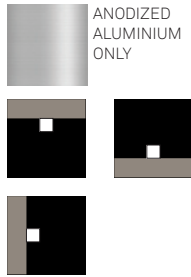


10514400 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,1 ÷ 1,6W/350÷500mA
 Total power 1,1W@350mA - 1,6W@500mA
 lm LED 120@350mA ≠ lm OUTPUT 101@350mA
 lm LED 180@500mA ≠ lm OUTPUT 119@500mA
 CRI>80

Remote electronic power supply to be ordered
 ■■■■Acc. 129, 184, 135 or 218



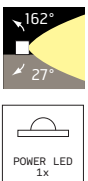
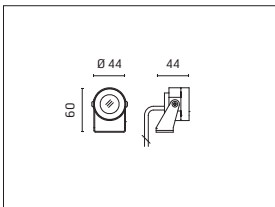
MiniMartina RGB Power LED / Sandblasted Glass - Adjustable

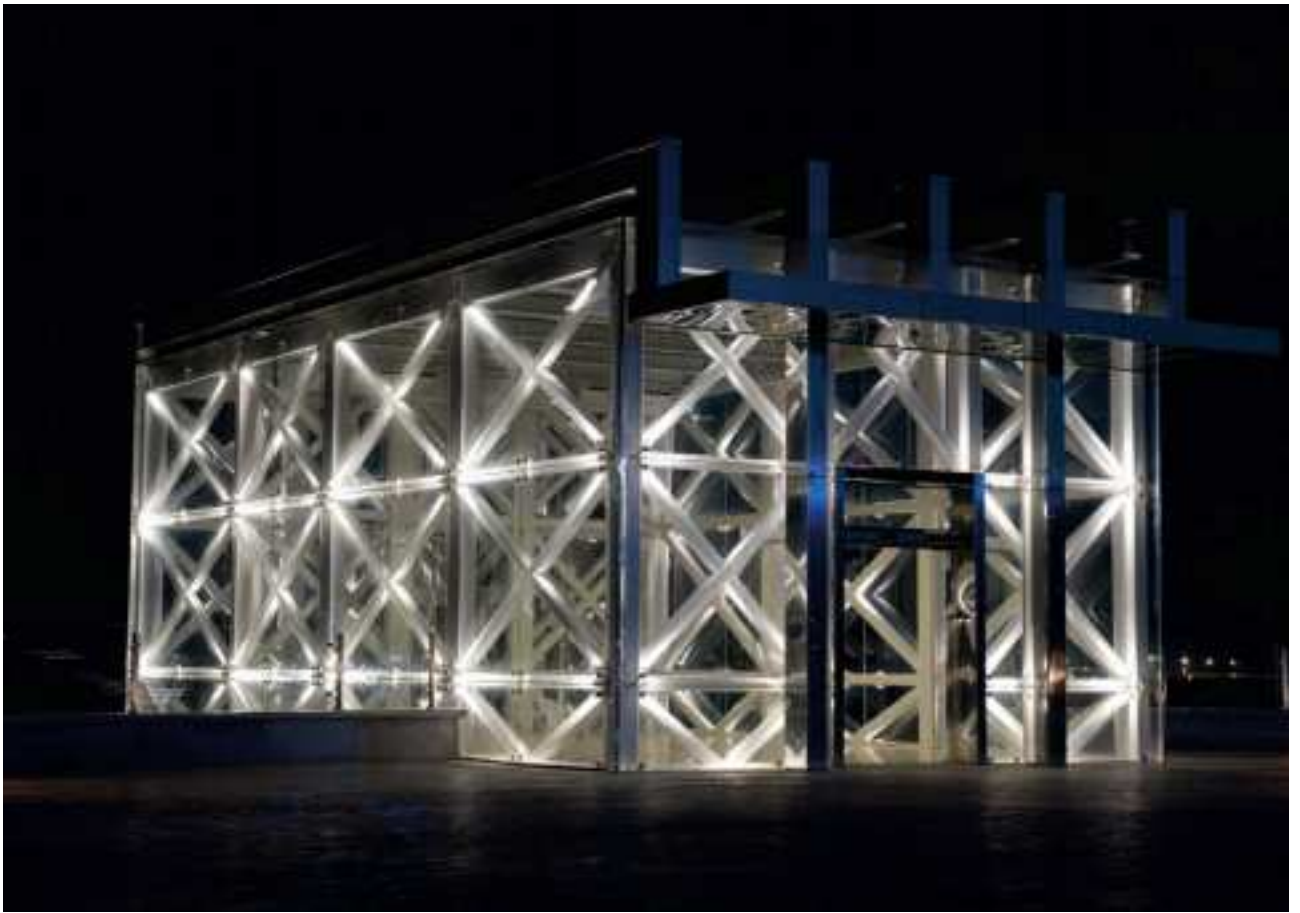


10517300 **A A+ A++**
 RGB
 POWER LED
 3,4W/3CHx350mA
 Total power 3,4W
 Remote electronic power supply to be ordered

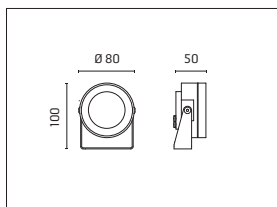
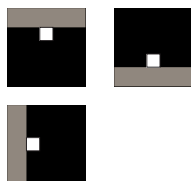
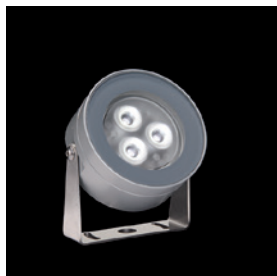
Wiring diagram and installation scheme RGB
 Max 10 luminaires MINIMARTINA RGB for each code 141

>> See Page 516
 Wiring Diagram n.5



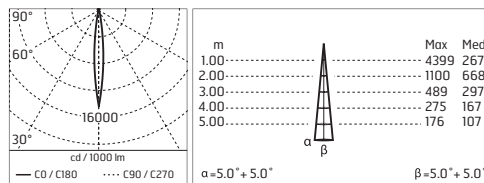


Martina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10517212 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 342 \approx lm OUTPUT 306
CRI>80
Remote electronic power supply
to be ordered

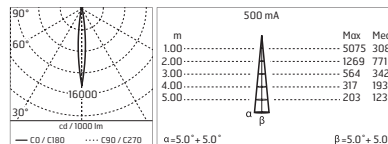


1055612 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 321 \approx lm OUTPUT 288
CRI>80
Remote electronic power supply
to be ordered

10519012 A A+ A++

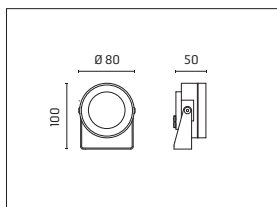
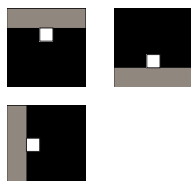
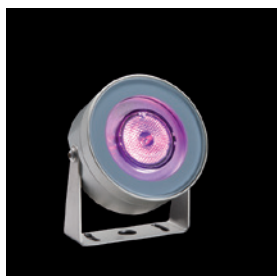
NATURAL WHITE 4000K
POWER LEDs
3,3÷4,8W/350÷500mA
Total power 3,3W@350mA - 5,1W@500mA
lm LED 342@350mA \approx lm OUTPUT 307@350mA
lm LED 444@500mA \approx lm OUTPUT 353@500mA
CRI>80
Remote electronic power supply
to be ordered
Acc. 129, 135, 184 or 218



10510712 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3÷4,8W/350÷500mA
Total power 3,3W@350mA - 5,1W@500mA
lm LED 321@350mA \approx lm OUTPUT 288@350mA
lm LED 417@500mA \approx lm OUTPUT 322@500mA
CRI>80
Remote electronic power supply
to be ordered
Acc. 129, 135, 184 or 218

Martina RGB Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10517412 A A+ A++

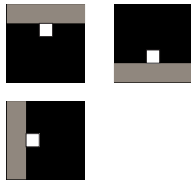
RGB
POWER LED
3,4W/3CHx350mA
Total power 3,4W
Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA RGB
for each code 141

>> See Page 516
Wiring Diagram n.5

Martina RGB Power LED / Transparent Glass - Adjustable - Medium Beam 35°



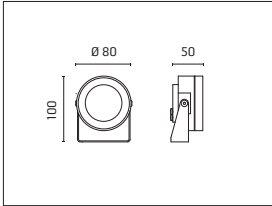
10517400 A A+ A++

RGB
POWER LED
3,4W/3CHx350mA
Total power 3,4W
Remote electronic power supply
to be ordered

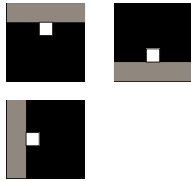
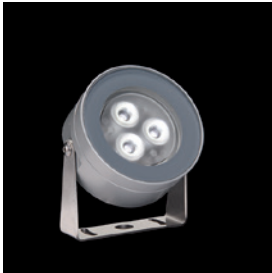
Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA RGB
for each code 141

>> See Page 516
Wiring Diagram n.5

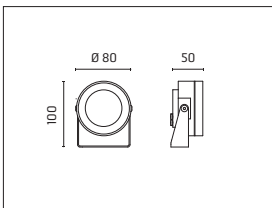
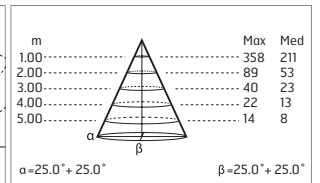
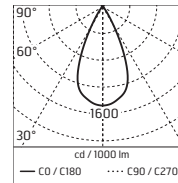


Martina Power LED / Transparent Glass - Adjustable - Wide Beam 50°



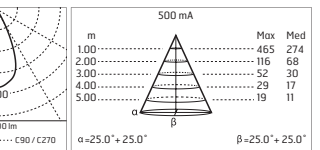
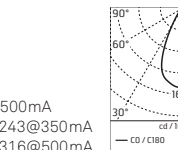
10517200 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 342 \approx lm OUTPUT 243
CRI>80
Remote electronic power supply
to be ordered



1055600 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
lm LED 321 \approx lm OUTPUT 228
CRI>80
Remote electronic power supply
to be ordered



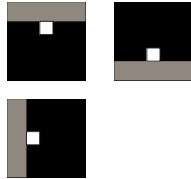
10519000 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3,3÷4,8W/350÷500mA
Total power 3,3W@350mA - 5,1W@500mA
lm LED 342@350mA \approx lm OUTPUT 243@350mA
lm LED 444@500mA \approx lm OUTPUT 316@500mA
CRI>80
Remote electronic power supply
to be ordered
Acc. 129, 135, 184 or 218

10510700 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3÷4,8W/350÷500mA
Total power 3,3W@350mA - 5,1W@500mA
lm LED 321@350mA \approx lm OUTPUT 228@350mA
lm LED 417@500mA \approx lm OUTPUT 297@500mA
CRI>80
Remote electronic power supply
to be ordered
Acc. 129, 135, 184 or 218

MaxiMartina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10525412 **A A+ A++**

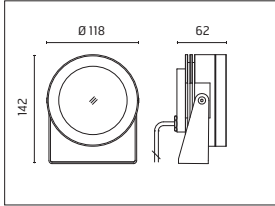
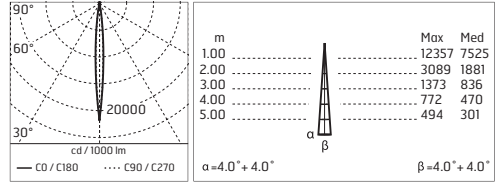
NATURAL WHITE 4000K
POWER LEDs
9,6W/24Vdc
Total power 11,8W
lm LED 889 ≠ lm OUTPUT 570
CRI>80

Remote electronic power supply to be ordered

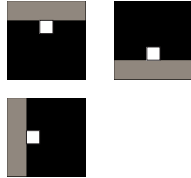
10525512 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
9,6W/24Vdc
Total power 11,8W
lm LED 834 ≠ lm OUTPUT 535
CRI>80

Remote electronic power supply to be ordered



MaxiMartina Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



10525112 **A A+ A++**

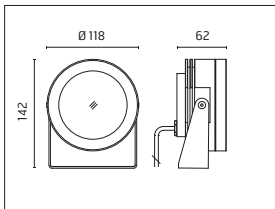
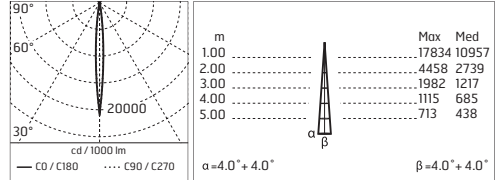
NATURAL WHITE 4000K
POWER LEDs
14,4W/24Vdc
Total power 17W
lm LED 1333 ≠ lm OUTPUT 855
CRI>80

Remote electronic power supply to be ordered

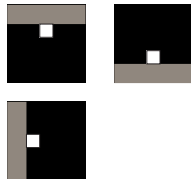
10525212 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
14,4W/24Vdc
Total power 17W
lm LED 1252 ≠ lm OUTPUT 803
CRI>80

Remote electronic power supply to be ordered



MaxiMartina RGB Power LED / Transparent Glass - Adjustable - Narrow Beam 10°



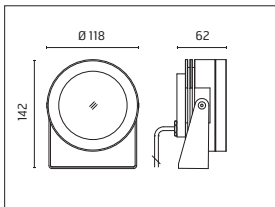
10525612 **A A+ A++**

RGB
POWER LEDs
13,6W/3CHx350mA
Total power 13,6W
Remote electronic power supply to be ordered

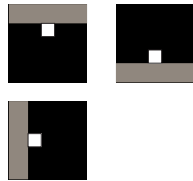
Wiring diagram and installation scheme RGB

Max 2 luminaires MAXIMARTINA RGB for each code 141

>> See Page 516
Wiring Diagram n.5

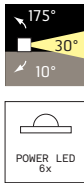
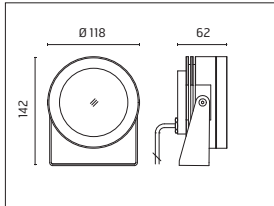
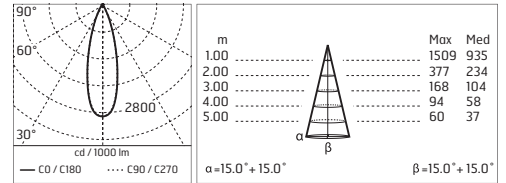


MaxiMartina Power LED / Transparent Glass - Adjustable - Medium Beam 30°



10525400 **A A+ A++**

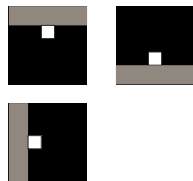
NATURAL WHITE 4000K
POWER LEDs
9,6W/24Vdc
Total power 11,8W
lm LED 889 ≈ lm OUTPUT 558
CRI>80
Remote electronic power supply
to be ordered



10525500 **A A+ A++**

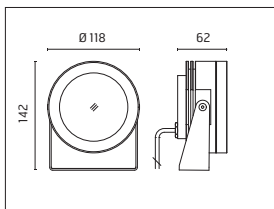
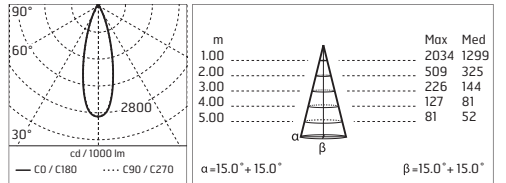
WARM WHITE 3000K
POWER LEDs
9,6W/24Vdc
Total power 11,8W
lm LED 834 ≈ lm OUTPUT 523
CRI>80
Remote electronic power supply
to be ordered

MaxiMartina Power LED / Transparent Glass - Adjustable - Medium Beam 30°



10525100 **A A+ A++**

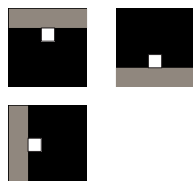
NATURAL WHITE 4000K
POWER LEDs
14,4W/24Vdc
Total power 17W
lm LED 1333 ≈ lm OUTPUT 836
CRI>80
Remote electronic power supply
to be ordered



10525200 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
14,4W/24Vdc
Total power 17W
lm LED 1252 ≈ lm OUTPUT 785
CRI>80
Remote electronic power supply
to be ordered

MaxiMartina RGB Power LED / Transparent Glass - Adjustable - Medium Beam 35°



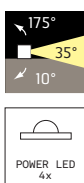
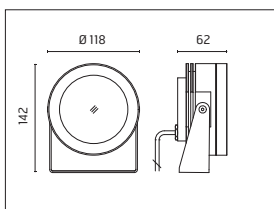
10525600 **A A+ A++**

RGB
POWER LEDs
13,6W/3CHx350mA
Total power 13,6W
Remote electronic power supply
to be ordered

Wiring diagram and installation scheme RGB

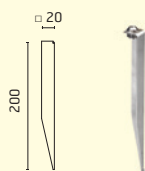
Max 2 luminaires MAXIMARTINA RGB
for each code 141

>> See Page 516
Wiring Diagram n.5

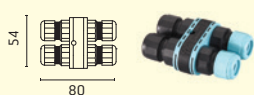


Accessories: Martina

136
GROUND SPIKE - H 200mm



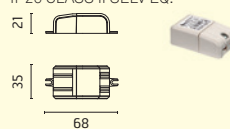
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



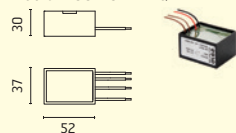
236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



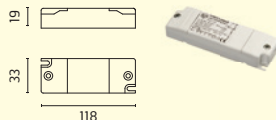
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



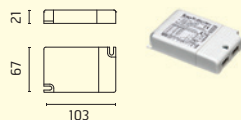
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



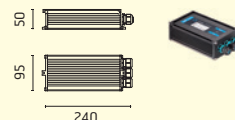
68
POWER SUPPLY 10x1W/100÷265V -
Iout 350mA (7x1W@110V) IP40
CLASS II SELV EQ.



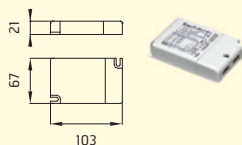
129
POWER SUPPLY 16x1W/110÷240V -
Iout 350mA (12x1W@110V)
IP20 CLASS II SELV EQ.



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

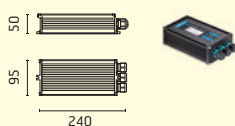


135
POWER SUPPLY 13x2W/110÷240V -
Iout 500mA (7x2W@110V)
IP20 CLASS II SELV EQ.



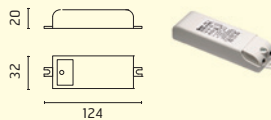
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.3

218
POWER SUPPLY 13x2W/110÷240V -
Iout 500mA (7x2W@110V)
IP67 CLASS II SELV.

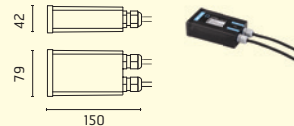


DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.3

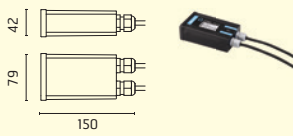
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



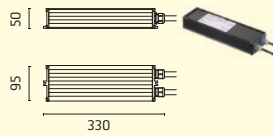
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



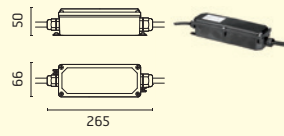
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



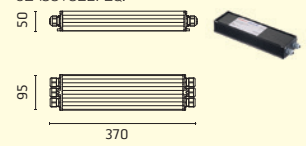
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



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



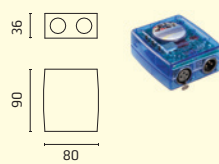
141
POWER SUPPLY WITH DMX INTERFACE FOR
RGB FIXTURES 36W/220÷240V-3CHx350mA
(3CHx10x1W) DMX CONTROL ALLOWED IP67
CLASS I SELV EQ.



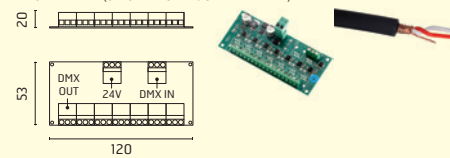
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



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.



| acc. code ▶ | 136 | 215 | 236 | 150 | 106 | 68 | 129 | 184 | 135 | 218 | 87 | 175 | 147 | 155 | 110 | 141 | 142 | 143 | 187 | 186 | |
|--------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| prod. code ▼ | | | | | | | | | | | | | | | | | | | | | |
| 10514400 | • | | | 6 | 6 | 10 | 16* | 16* | 12 | 12* | | | | | | | | | | | |
| 10514412 | • | | | 6 | 6 | 10 | 16* | 16* | 12 | 12* | | | | | | | | | | | |
| 10517100 | • | | | 6 | 6 | 10 | 16* | 16* | 12 | 12* | | | | | | | | | | | |
| 10517112 | • | | | 6 | 6 | 10 | 16* | 16* | 12 | 12* | | | | | | | | | | | |
| 10517300 | • | | | | | | | | | | | | | | | 10* | • | • | • | • | |
| 1055600 | • | • | • | 1 | 1 | | | | | | 2 | 2 | 3 | 7 | 14 | | | | | | |
| 1055612 | • | • | • | 1 | 1 | | | | | | 2 | 2 | 3 | 7 | 14 | | | | | | |
| 10510700 | • | | • | 2 | 2 | 3 | 5* | 5* | 2 | 2* | | | | | | | | | | | |
| 10510712 | • | | • | 2 | 2 | 3 | 5* | 5* | 2 | 2* | | | | | | | | | | | |
| 10517200 | • | • | • | 1 | 1 | | | | | | 2 | 2 | 3 | 7 | 14 | | | | | | |
| 10517212 | • | • | • | 1 | 1 | | | | | | 2 | 2 | 3 | 7 | 14 | | | | | | |
| 10517400 | • | | | | | | | | | | | | | | | 10* | • | • | • | • | |
| 10517412 | • | | | | | | | | | | | | | | | 10* | • | • | • | • | |
| 10519000 | • | | • | 2 | 2 | 3 | 5* | 5* | 2 | 2* | | | | | | | | | | | |
| 10519012 | • | | • | 2 | 2 | 3 | 5* | 5* | 2 | 2* | | | | | | | | | | | |
| 10525100 | • | • | • | | | | | | | | | | | 1 | 3 | | | | | | |
| 10525112 | • | • | • | | | | | | | | | | | 1 | 3 | | | | | | |
| 10525200 | • | • | • | | | | | | | | | | | 1 | 3 | | | | | | |
| 10525212 | • | • | • | | | | | | | | | | | 1 | 3 | | | | | | |
| 10525400 | • | • | • | | | | | | | | | | 1 | 2 | 5 | | | | | | |
| 10525412 | • | • | • | | | | | | | | | | 1 | 2 | 5 | | | | | | |
| 10525500 | • | • | • | | | | | | | | | | 1 | 2 | 5 | | | | | | |
| 10525512 | • | • | • | | | | | | | | | | 1 | 2 | 5 | | | | | | |
| 10525600 | • | | | | | | | | | | | | | | | 2* | • | • | • | • | |
| 10525612 | • | | | | | | | | | | | | | | | 2* | • | • | • | • | |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.
* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.



MARTINA AQUA

- Adjustable spotlight.
- Configuration: AISI 316L stainless steel structure and adjustable bracket. Glass diffuser: transparent or sandblasted with silkscreen border, fixed through a robotic gluing system.
- Protection rating: IP68 (1000mm).
- In compliance with EN60598-1 standards.
- Class of insulation: III.
- Installation: the luminaire is equipped with 5000mm cable. Martina Aqua 24V and Maxi Martina Aqua 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required. Mini Martina Aqua, Martina Aqua RGB and Maxi Martina Aqua RGB requires connection in series. SELV equivalent remote power supply required.
- 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 that cannot be replaced



.0 Inox



Ceiling lamp



Wall lamp



Floor installation



Pre-wired with approx 5000mm of cable

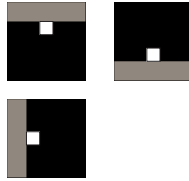


Remote electronic power supply



Protection against impact.
IK 05 - 0,70 joule
MiniMartina 316L
IK 07 - 2,00 joule
Martina 316L/MaxiMartina 316L

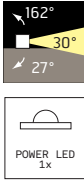
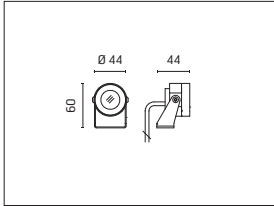
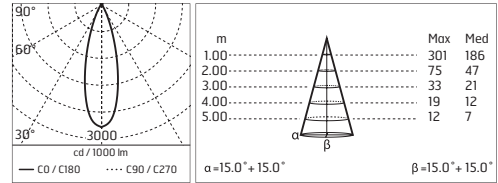
MiniMartina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 30°



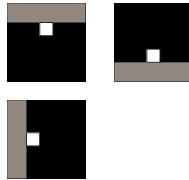
105171143 A A+ A++

NATURAL WHITE 4000K
POWER LED
1,1W/350mA
Total power 1,1W
lm LED 130 ≈ lm OUTPUT 110
CRI>80

Remote electronic power supply
to be ordered
Acc. 184



MiniMartina Aqua RGB Power LED / Inox 316L Underwater - Sandblasted Glass - Adjustable



105173143 A A+ A++

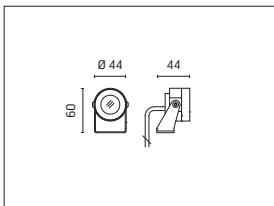
RGB
POWER LED
3,4W/3CHx350mA
Total power 3,4W

Remote electronic power supply
to be ordered

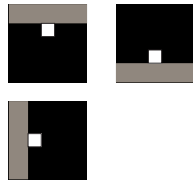
Wiring diagram and installation scheme RGB

Max 10 luminaires MINIMARTINA AQUA RGB
for each code 141

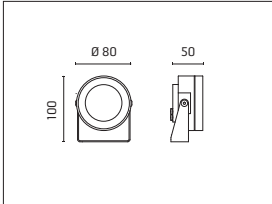
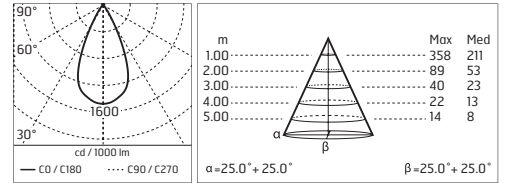
>> See Page 516
Wiring Diagram n.5



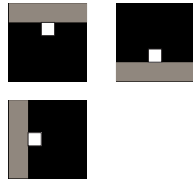
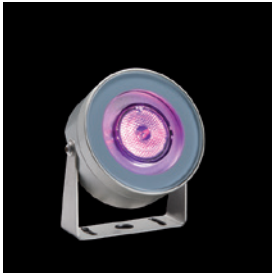
Martina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Wide Beam 50°



105172144 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 lm LED 342 ≈ lm OUTPUT 243
 CRI>80
 Remote electronic power supply
 to be ordered



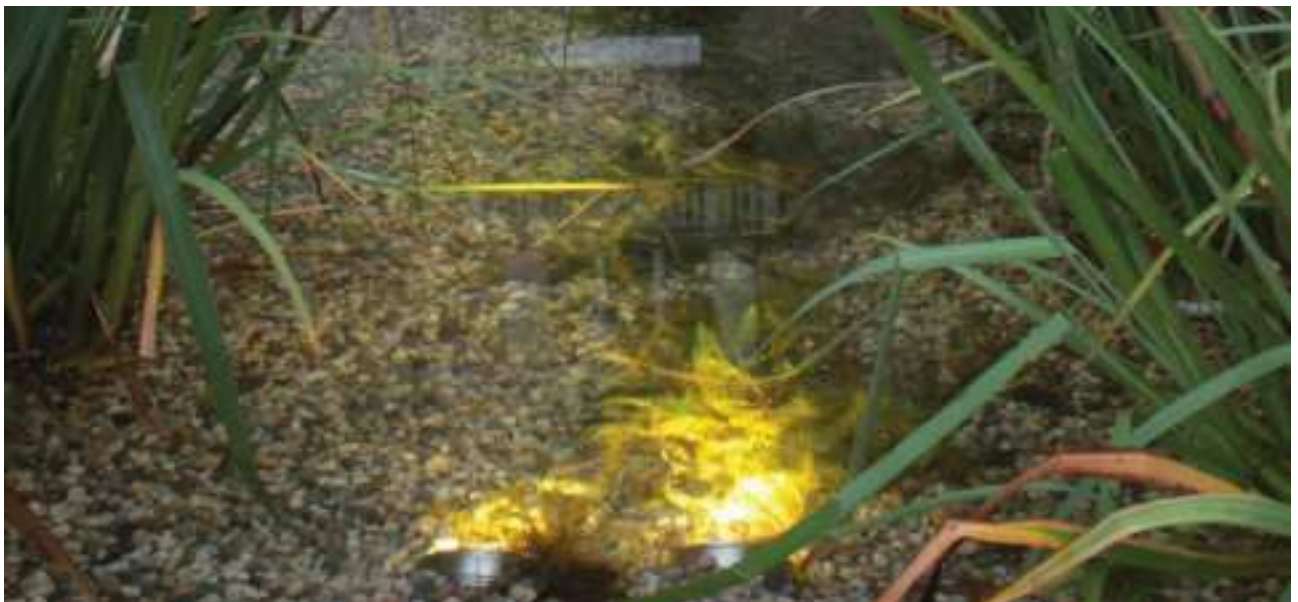
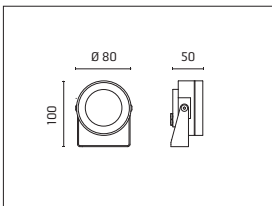
Martina Aqua RGB Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 35°



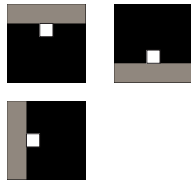
105174144 **A A+ A++**
 RGB
 POWER LED
 3,4W/3CHx350mA
 Total power 3,4W
 Remote electronic power supply
 to be ordered

Wiring diagram and installation scheme RGB
 Max 10 Luminaires MARTINA AQUA RGB
 for each code 141

>> See Page 516
 Wiring Diagram n.5



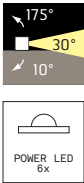
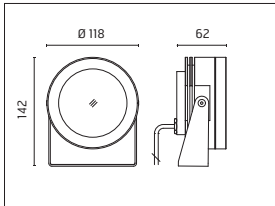
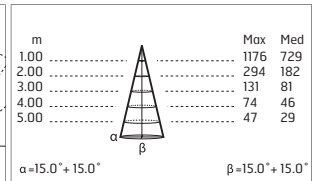
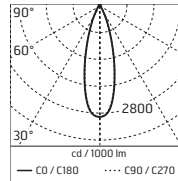
MaxiMartina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 30°



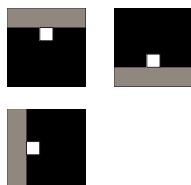
105266145 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
6,6W/24Vdc
Total power 9W
lm LED 687 ≠ lm OUTPUT 435
CRI>80

Remote electronic power supply to be ordered



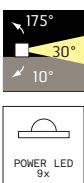
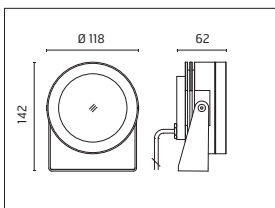
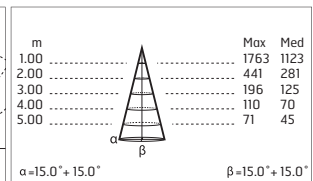
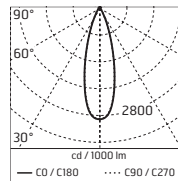
MaxiMartina Aqua Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 30°



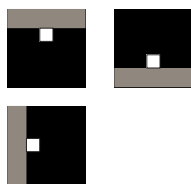
105211145 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
9,9W/24Vdc
Total power 14,7W
lm LED 1031 ≠ lm OUTPUT 723
CRI>80

Remote electronic power supply to be ordered



MaxiMartina Aqua RGB Power LED / Inox 316L Underwater - Transparent Glass - Adjustable - Medium Beam 35°



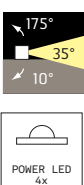
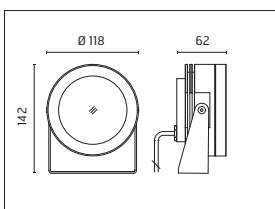
105256145 A A+ A++

RGB
POWER LEDs
13,6W/3CHx350mA
Total power 13,6W
Remote electronic power supply to be ordered

Wiring diagram and installation scheme RGB

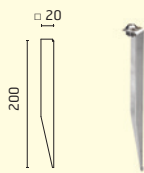
Max 2 luminaires MAXIMARTINA AQUA RGB for each code 141

>> See Page 516
Wiring Diagram n.5

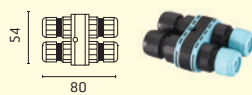


Accessories: Martina Aqua

136
GROUND SPIKE - H 200mm



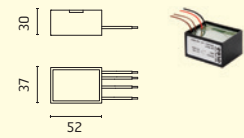
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



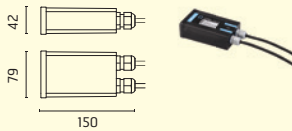
236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



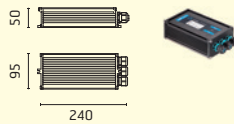
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



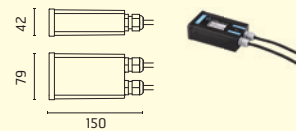
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



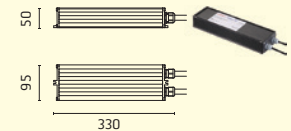
184
POWER SUPPLY 16x1W/110÷240V -
Iout 350mA (12x1W@110V)
IP67 CLASS II SELV.



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

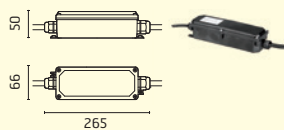


155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.

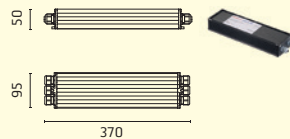


DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.3

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



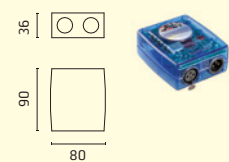
141
POWER SUPPLY WITH DMX INTERFACE FOR
RGB FIXTURES 36W/220÷240V-3CHx350mA
(3CHx10x1W) DMX CONTROL ALLOWED IP67
CLASS I SELV EQ.



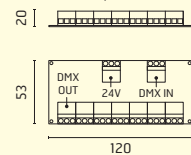
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



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.



| acc. code ▶ | 136 | 215 | 236 | 106 | 175 | 184 | 147 | 155 | 110 | 141 | 142 | 143 | 187 | 186 |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 105171143 | • | | | 6 | | 16* | | | | | | | | |
| 105173143 | • | | | | | | | | | 10* | • | • | • | • |
| 105172144 | • | • | • | 1 | 2 | | 3 | 7 | 14 | | | | | |
| 105174144 | • | | | | | | | | | 10* | • | • | • | • |
| 105211145 | • | • | • | | | | | 3 | 6 | | | | | |
| 105256145 | • | | | | | | | | | 2* | • | • | • | • |
| 105266145 | • | • | • | | | 1 | | 3 | 7 | | | | | |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.









- Spotlight for installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silk-screen border, fixed to the body through a robotic gluing system.
- 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 EN60598-1 standards.
- Class of insulation: III.
- Installation: the luminaire is equipped with 2000mm cable for an easy-to-make connection. It is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required.
- 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

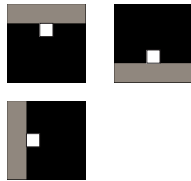
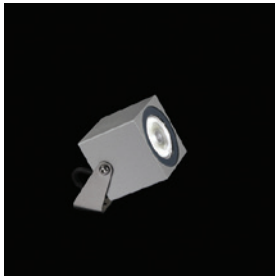
A++
A+
A

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

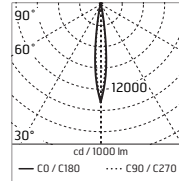


| | | | |
|---|-------------------------|---|--|
|  | Floor installation |  | Ceiling fitting |
|  | Wall fitting |  | Pre-wired with approx 2000mm of cable. |
|  | Remote device required. |  | Protection against impact. IK 05 - 0,70 joule for Pi 50x50 IK 07 - 2,00 joule for Pi 70x70 |

Pi Power LED / 50x50mm - Adjustable - Narrow Beam 10°

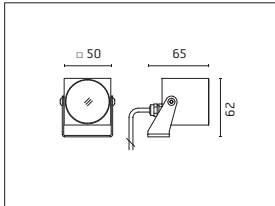


509002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 198 ≈ Lm OUTPUT 138
 CRI>80
 Remote electronic power supply
 to be ordered



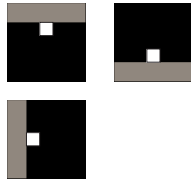
| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 1997 | 1222 |
| 2.00 | 499 | 306 |
| 3.00 | 222 | 136 |
| 4.00 | 125 | 76 |
| 5.00 | 80 | 49 |

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

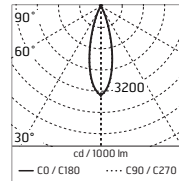


509003 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 182 ≈ Lm OUTPUT 127
 CRI>80
 Remote electronic power supply
 to be ordered

Pi Power LED / 50x50mm - Adjustable - Medium Beam 30°

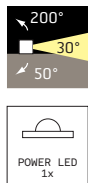
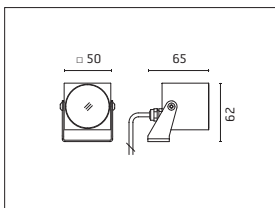


509012 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 198 ≈ Lm OUTPUT 125
 CRI>80
 Remote electronic power supply
 to be ordered



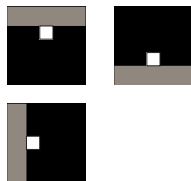
| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 437 | 265 |
| 2.00 | 109 | 66 |
| 3.00 | 49 | 29 |
| 4.00 | 27 | 17 |
| 5.00 | 17 | 11 |

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

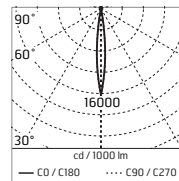


509013 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 182 ≈ Lm OUTPUT 114
 CRI>80
 Remote electronic power supply
 to be ordered

Pi Power LED / 50x50mm - Adjustable - Narrow Beam 10°

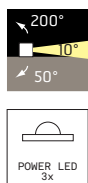
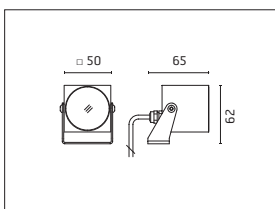


509022 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 Lm LED 360 ≈ Lm OUTPUT 258
 CRI>80
 Remote electronic power supply
 to be ordered



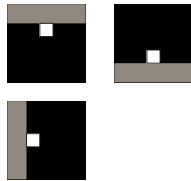
| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 4368 | 2691 |
| 2.00 | 1092 | 673 |
| 3.00 | 485 | 299 |
| 4.00 | 277 | 168 |
| 5.00 | 175 | 108 |

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



509023 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 Lm LED 330 ≈ Lm OUTPUT 236
 CRI>80
 Remote electronic power supply
 to be ordered

Pi Power LED / 50x50mm - Adjustable - Medium Beam 30°

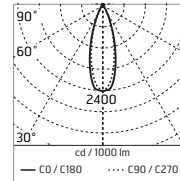
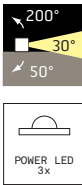
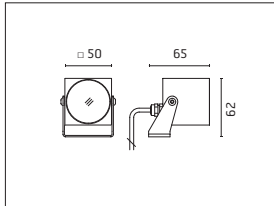


509032 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
Lm LED 360 \approx Lm OUTPUT 207
CRI>80
Remote electronic power supply
to be ordered

509033 A A+ A++

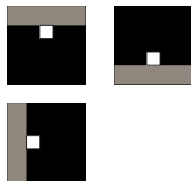
WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
Lm LED 330 \approx Lm OUTPUT 189
CRI>80
Remote electronic power supply
to be ordered



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 524 | 318 |
| 2.00 | 131 | 79 |
| 3.00 | 58 | 35 |
| 4.00 | 33 | 20 |
| 5.00 | 21 | 13 |

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

Pi Power LED / 70x70mm - Adjustable - Narrow Beam 10°

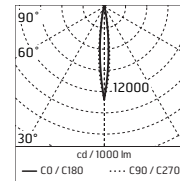
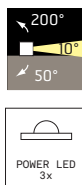
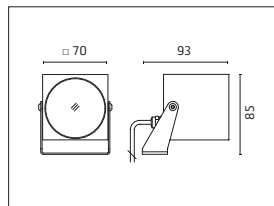


509042 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
Lm LED 444 \approx Lm OUTPUT 353
CRI>80
Remote electronic power supply
to be ordered

509043 A A+ A++

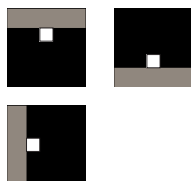
WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
Lm LED 417 \approx Lm OUTPUT 332
CRI>80
Remote electronic power supply
to be ordered



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 5338 | 3170 |
| 2.00 | 1334 | 793 |
| 3.00 | 593 | 352 |
| 4.00 | 334 | 198 |
| 5.00 | 214 | 127 |

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

Pi Power LED / 70x70mm - Adjustable - Wide Beam 50°

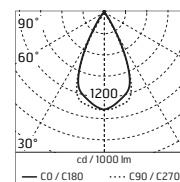
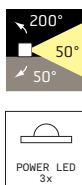
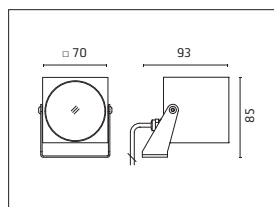


509052 A A+ A++

NATURAL WHITE 4000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
Lm LED 444 \approx Lm OUTPUT 326
CRI>80
Remote electronic power supply
to be ordered

509053 A A+ A++

WARM WHITE 3000K
POWER LEDs
4,8W/24Vdc
Total power 5,9W
Lm LED 417 \approx Lm OUTPUT 294
CRI>80
Remote electronic power supply
to be ordered



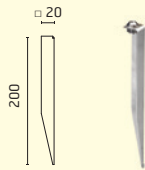
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 524 | 308 |
| 2.00 | 131 | 77 |
| 3.00 | 58 | 34 |
| 4.00 | 33 | 19 |
| 5.00 | 21 | 12 |

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

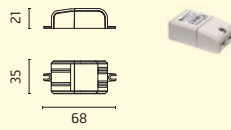


Accessories: Pi

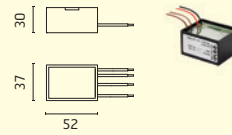
136
GROUND SPIKE - H 200mm



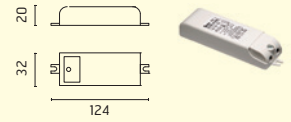
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



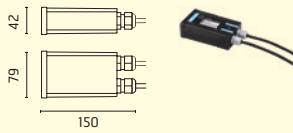
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



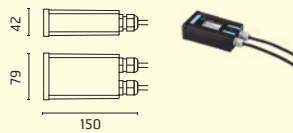
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



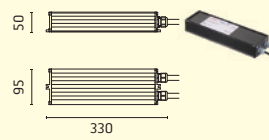
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



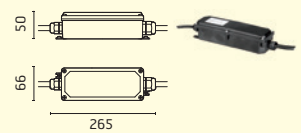
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



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



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



| acc. code ▶ | 136 | 150 | 106 | 87 | 175 | 147 | 155 | 110 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | |
| 509002 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 509003 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 509012 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 509013 | ● | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 509022 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 509023 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 509032 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 509033 | ● | 1 | 1 | 2 | 2 | | 7 | 14 |
| 509042 | ● | | | 1 | 1 | 2 | 6 | 12 |
| 509043 | ● | | | 1 | 1 | 2 | 6 | 12 |
| 509052 | ● | | | 1 | 1 | 2 | 6 | 12 |
| 509053 | ● | | | 1 | 1 | 2 | 6 | 12 |

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.

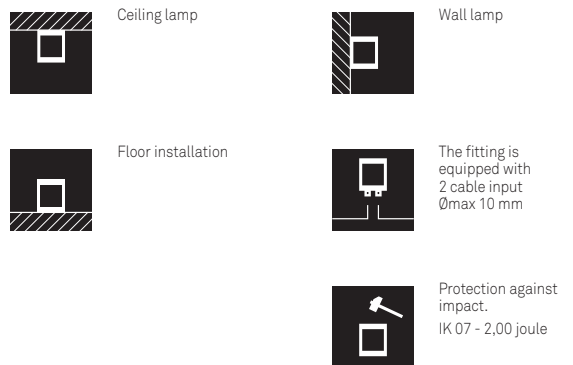


- Spotlight for installation on wall, ceiling and floor or as a bollard light.
- Configuration: die-cast aluminium frame and cap, EN AB-47100 alloy (low copper content) and extruded aluminium structure/pole. Glass diffuser: transparent, fixed to the aluminium structure through a robotic gluing system. The wiring unit is fixed to the installation surface and is fully adjustable on the vertical axis, while the mitting unit is fixed to the wiring unit and has a +/- 135° rotation on the horizontal axis.
- 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 EN60598-1 standards.
- Class of insulation: I.
- Installation: wiring through two cable holders (5mm\times9mm cable) and a quick connect terminal block. We recommend installation on a concrete basement or surface, directly with bolts or through a dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.

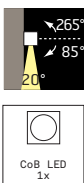
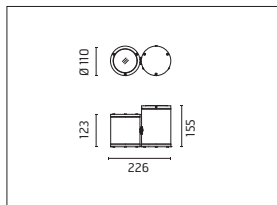
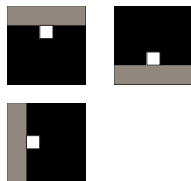
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

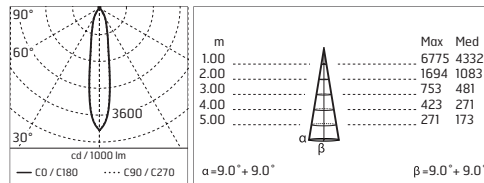
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Pan CoB LED / Adjustable - Narrow Beam 20°

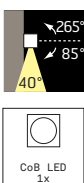
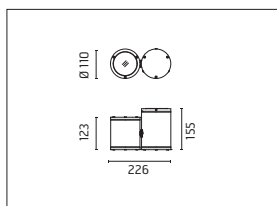
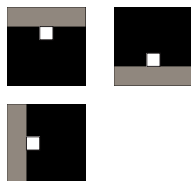


504011 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1641
 CRI>80
 Integral electronic power supply

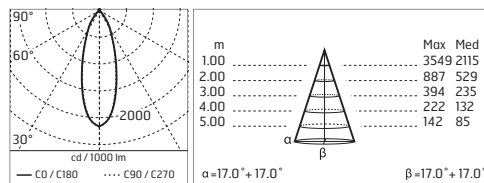


504012 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1774 ≠ Lm OUTPUT 1564
 CRI>80
 Integral electronic power supply

Pan CoB LED / Adjustable - Medium Beam 40°



504008 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1628
 CRI>80
 Integral electronic power supply



504009 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1774 ≠ Lm OUTPUT 1552
 CRI>80
 Integral electronic power supply

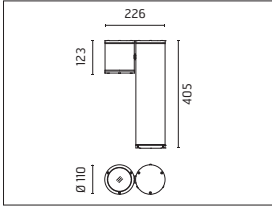
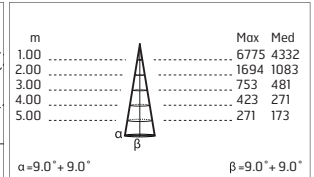
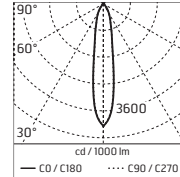


Pan on Post CoB LED / Adjustable - Narrow Beam 20°



504026 **A A+ A++**

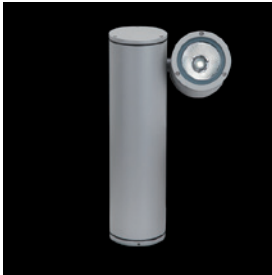
NATURAL WHITE 4000K
CoB LED
12W/220÷240V
Total power 15W
Lm LED 1829 ≠ Lm OUTPUT 1641
CRI>80
Integral electronic power supply



504027 **A A+ A++**

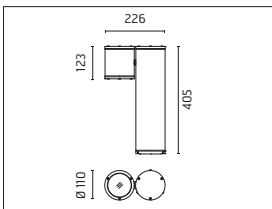
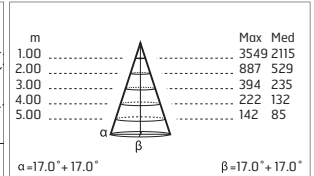
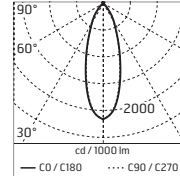
WARM WHITE 3000K
CoB LED
12W/220÷240V
Total power 15W
Lm LED 1774 ≠ Lm OUTPUT 1564
CRI>80
Integral electronic power supply

Pan on Post CoB LED / Adjustable - Medium Beam 40°



504023 **A A+ A++**

NATURAL WHITE 4000K
CoB LED
12W/220÷240V
Total power 15W
Lm LED 1829 ≠ Lm OUTPUT 1628
CRI>80
Integral electronic power supply

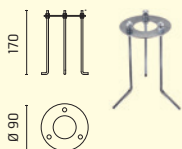


504024 **A A+ A++**

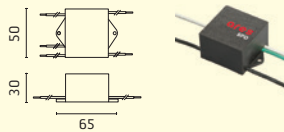
WARM WHITE 3000K
CoB LED
12W/220÷240V
Total power 15W
Lm LED 1774 ≠ Lm OUTPUT 1552
CRI>80
Integral electronic power supply

Accessories: Pan

140
BASE PLATE AND FIXING BOLTS
Ø 90 x H 170mm



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code | 140 | 237 |
|-----------|-----|-----|
| 504008 | ● | ● |
| 504009 | ● | ● |
| 504011 | ● | ● |
| 504012 | ● | ● |
| 504023 | ● | ● |
| 504024 | ● | ● |
| 504026 | ● | ● |
| 504027 | ● | ● |



ECLIPSE

- Slim round luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), stainless steel bracket and transparent polycarbonate emitting unit.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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 EN60598-1 standards
- Class of insulation: II; 24V version: III
- Installation: the luminaire is equipped with a piece of neoprene cable (approx. 200mm) for an easy-to-make connection. Direct screwing on surface through the stainless steel 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

A++
A+
A

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



Wall fitting



Pre-wired with approx 200mm of cable



Remote device required for low voltage version

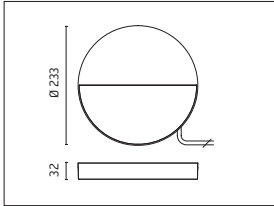
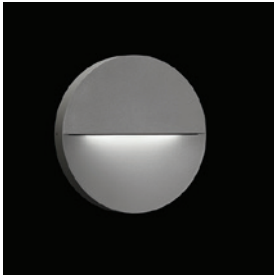


Protection against impact IK 09 - 10,00 joule



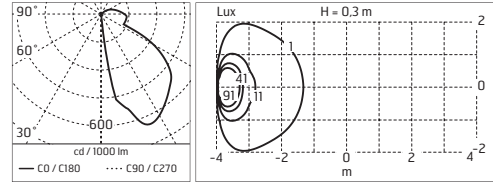
Glow wire test: 650°C

Eclipse Mid-Power LED



542002

NATURAL WHITE 4000K
MID-POWER LEDs
6W/220÷240V
Total power 10W
Lm LED 835 ≈ Lm OUTPUT 437
CRI >80
Integral electronic power supply

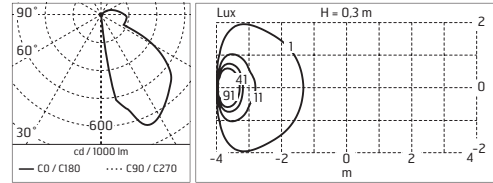


542003

WARM WHITE 3000K
MID-POWER LEDs
6W/220÷240V
Total power 10W
Lm LED 795 ≈ Lm OUTPUT 416
CRI >80
Integral electronic power supply

542005

NATURAL WHITE 4000K
MID-POWER LEDs
6W/24Vdc
Total power 7,5W
Lm LED 835 ≈ Lm OUTPUT 437
CRI >80
Remote electronic power supply
to be ordered
 Acc. 144 or 176



542006

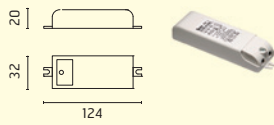
WARM WHITE 3000K
MID-POWER LEDs
6W/24Vdc
Total power 7,5W
Lm LED 795 ≈ Lm OUTPUT 416
CRI >80
Remote electronic power supply
to be ordered
 Acc. 144 or 176



Accessories: Eclipse

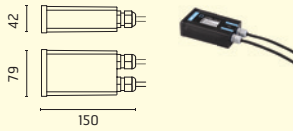
87

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



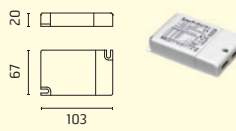
175

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



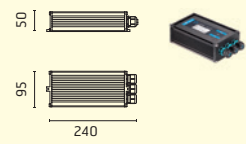
144

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.

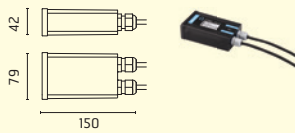


...DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

...DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

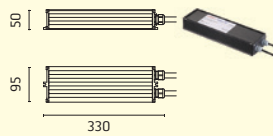
147

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



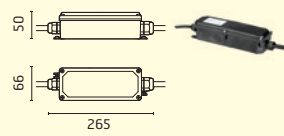
155

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



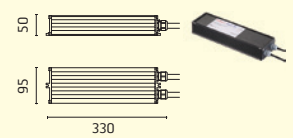
110

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



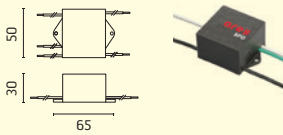
156

POWER SUPPLY 96W /120÷277V - 24Vdc IP67 CLASS II SELV.



237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 | 237 |
|--------------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | |
| 542002 | | | | | | | | | ● |
| 542003 | | | | | | | | | ● |
| 542005 | 1 | 1 | 2 | 2 | 2 | 6 | 9 | 12 | |
| 542006 | 1 | 1 | 2 | 2 | 2 | 6 | 9 | 12 | |

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.



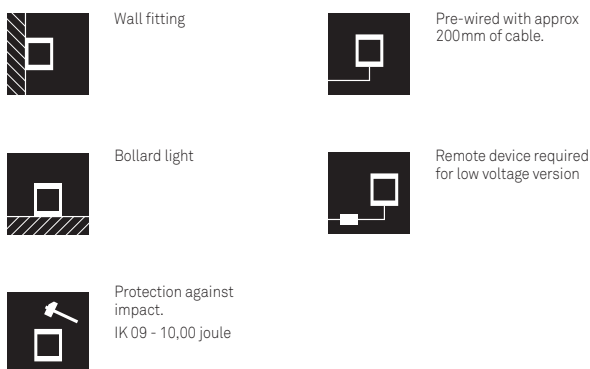
HYPERION

- Rectangular luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), stainless steel bracket and transparent polycarbonate emitting unit. Optional accessory: aluminium reflector (fixed by a double-sided technical tape)
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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 EN60598-1 standards
- Class of insulation: II; 24V version: III
- Installation: the luminaire is equipped with a piece of neoprene cable (approx. 200mm) for an easy-to-make connection. Direct screwing on surface through the stainless steel 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

A++
A+
A

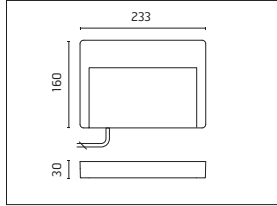
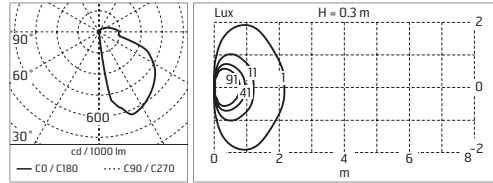
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Hyperion Mid-Power LED

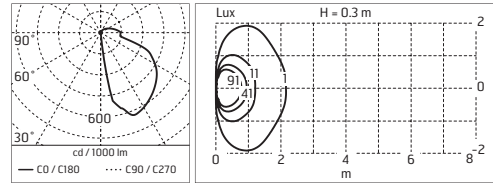


527002 NATURAL WHITE 4000K
MID-POWER LEDs
6W/220÷240V
Total power 10W
Lm LED 835 ≠ Lm OUTPUT 418
CRI>80
Integral electronic power supply



527003 WARM WHITE 3000K
MID-POWER LEDs
6W/220÷240V
Total power 10W
Lm LED 795 ≠ Lm OUTPUT 398
CRI>80
Integral electronic power supply

527012 NATURAL WHITE 4000K
MID-POWER LEDs
6W/24Vdc
Total power 7,5W
Lm LED 835 ≠ Lm OUTPUT 418
CRI>80
Remote electronic power supply
to be ordered
 Acc. 144 or 176

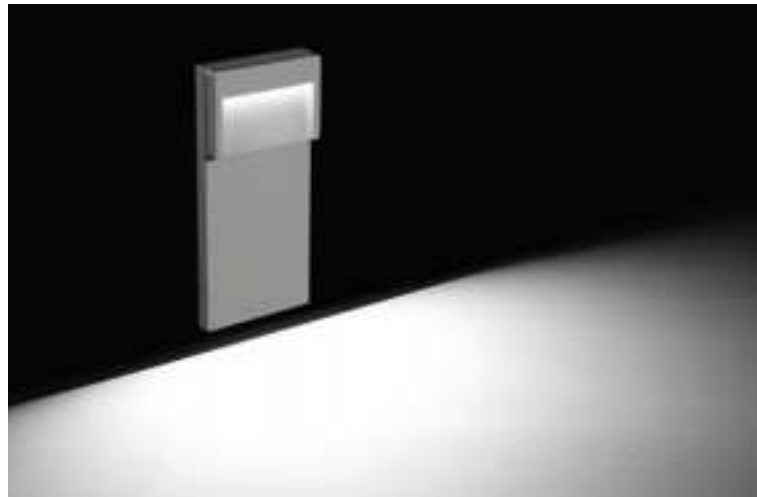
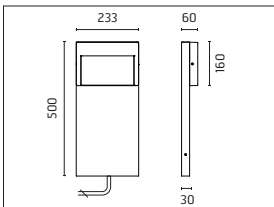


527013 WARM WHITE 3000K
MID-POWER LEDs
6W/24Vdc
Total power 7,5W
Lm LED 795 ≠ Lm OUTPUT 398
CRI>80
Remote electronic power supply
to be ordered
 Acc. 144 or 176

Hyperion Mid-Power LED / Pole

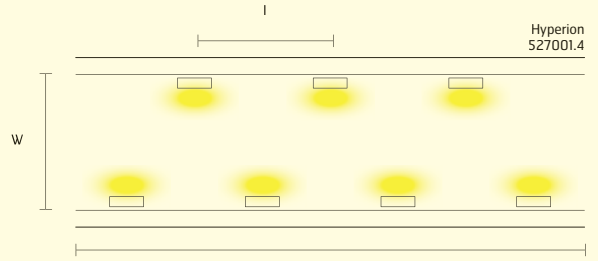
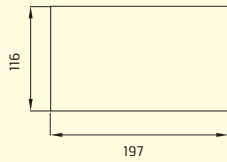


245
H 500 mm

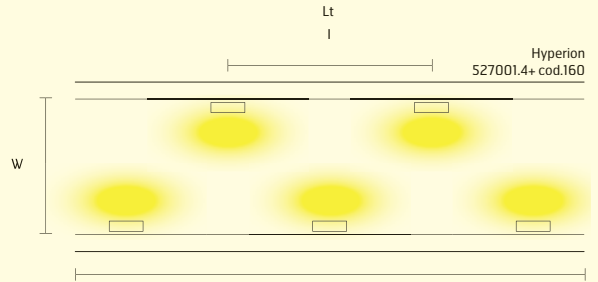
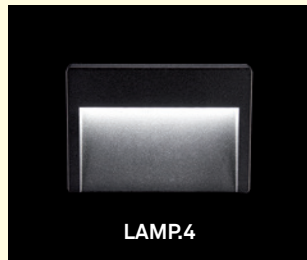


Accessories: Hyperion

160
SATIN ALUMINIUM CARTER
THICKNESS 0.5mm



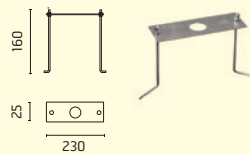
Hyperion
527001.4



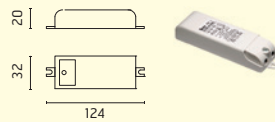
Hyperion
527001.4+ cod.160

| 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 |

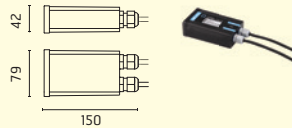
247
BASE PLATE AND FIXING BOLTS
230 x 25 H 160mm



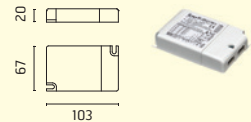
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



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

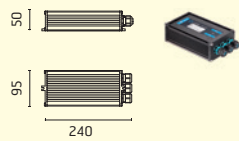


144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.

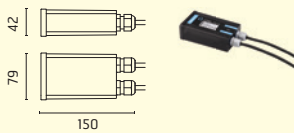


... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

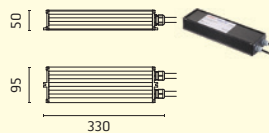
176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



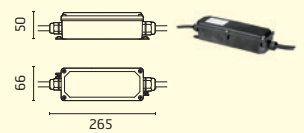
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



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

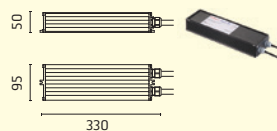


110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.

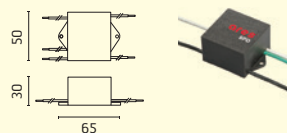


... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 160 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 | 237 | 247 |
|--------------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | |
| 527002 | • | | | | | | | | | • | |
| 527003 | • | | | | | | | | | • | |
| 527012 | • | 1 | 1 | 2 | 2 | 2 | 6 | 9 | 12 | | |
| 527013 | • | 1 | 1 | 2 | 2 | 2 | 6 | 9 | 12 | | |
| 245 | | | | | | | | | | | • |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



GIULIA

- Round luminaire for installation on wall or ceiling – surface mounted.
- Configuration: die-cast aluminium structure and frame, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: opal with satin finish.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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 EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with two cable holders and a three-pole quick-connection terminal. Giulia Ø200 and Ø300: 5mm \varnothing <math><10\text{mm}</math> cables. Giulia Ø400: 6mm \varnothing <math><13\text{mm}</math> cables. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



Ceiling fitting



Wall fitting

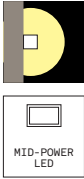
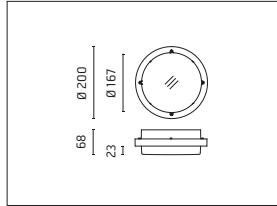
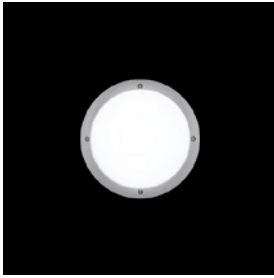


The fitting is equipped with 2 cable input

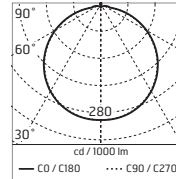


Protection against impact. IK 08- 5,00 joule

Giulia200 Mid-Power LED



544001 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 8,7W/220÷240V
 Total power 11W
 Lm LED 1292 ≠ Lm OUTPUT 782
 CRI>80
 Integral electronic power supply

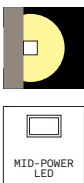
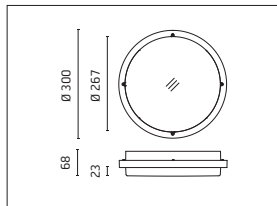


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 231 | 47 |
| 2.00 | 58 | 12 |
| 3.00 | 26 | 5 |
| 4.00 | 14 | 3 |
| 5.00 | 9 | 2 |

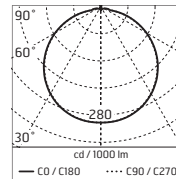
$\alpha = 60^\circ + 60^\circ$ $\beta = 60^\circ + 60^\circ$

544002 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 8,7W/220÷240V
 Total power 11W
 Lm LED 1230 ≠ Lm OUTPUT 744
 CRI>80
 Integral electronic power supply

Giulia300 Mid-Power LED



544003 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 14,1W/220÷240V
 Total power 18W
 Lm LED 2099 ≠ Lm OUTPUT 1226
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

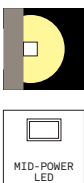
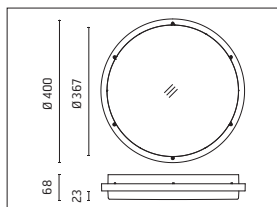
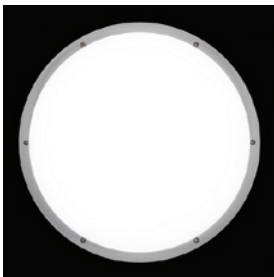


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 362 | 73 |
| 2.00 | 90 | 18 |
| 3.00 | 40 | 8 |
| 4.00 | 23 | 5 |
| 5.00 | 14 | 3 |

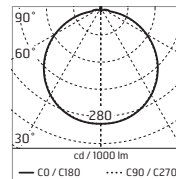
$\alpha = 60^\circ + 60^\circ$ $\beta = 60^\circ + 60^\circ$

544004 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 14,1W/220÷240V
 Total power 18W
 Lm LED 2000 ≠ Lm OUTPUT 1168
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request

Giulia400 Mid-Power LED



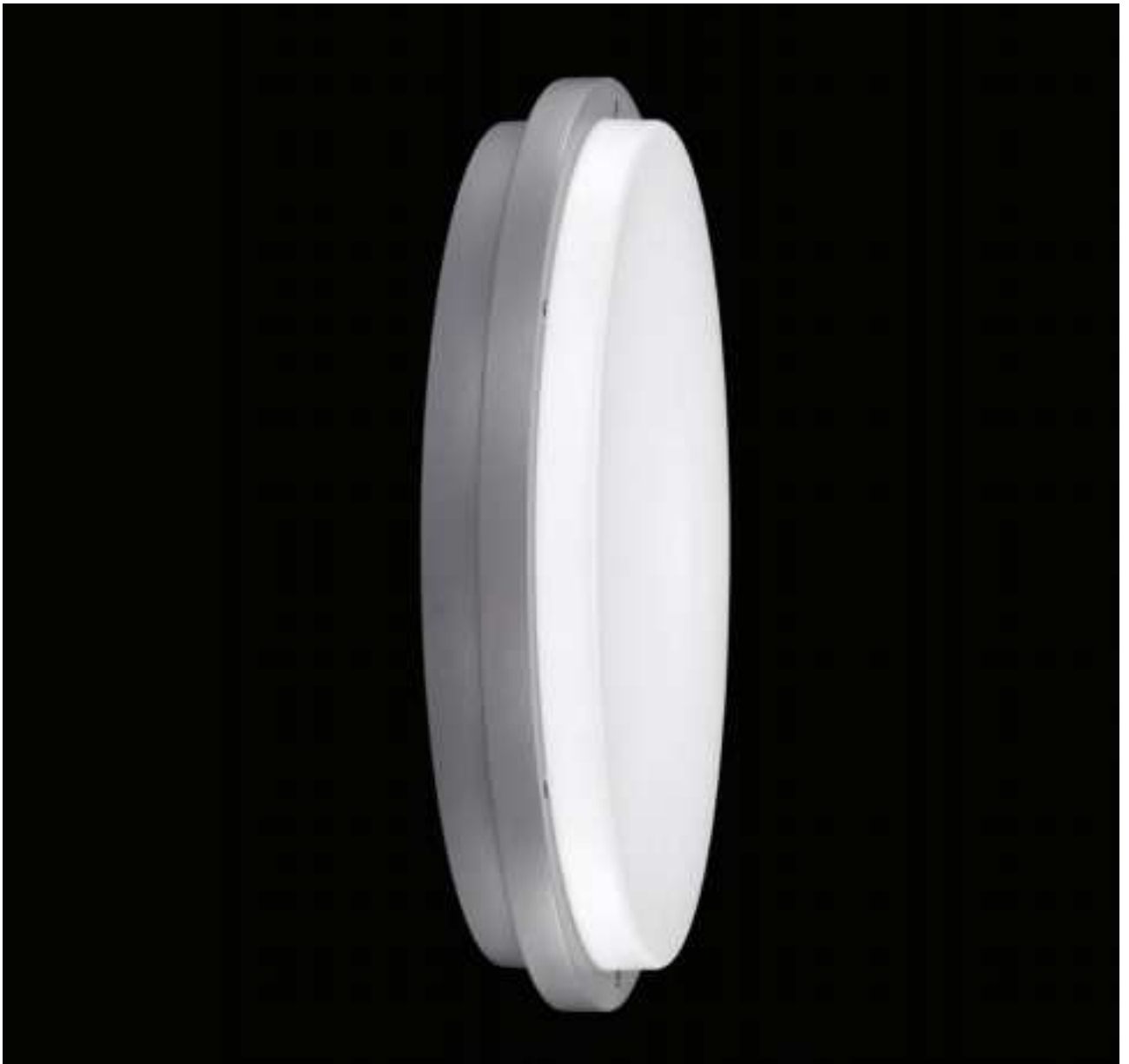
544005 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 27,9W/110÷240V
 Total power 34W
 Lm LED 4209 ≠ Lm OUTPUT 2280
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 673 | 136 |
| 2.00 | 168 | 34 |
| 3.00 | 75 | 15 |
| 4.00 | 42 | 8 |
| 5.00 | 27 | 5 |

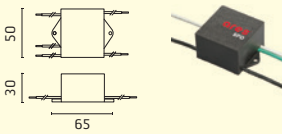
$\alpha = 60^\circ + 60^\circ$ $\beta = 60^\circ + 60^\circ$

544006 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 27,9W/110÷240V
 Total power 34W
 Lm LED 4010 ≠ Lm OUTPUT 2173
 CRI>80
 Integral electronic power supply
 ..||| Dimmable on request



Accessories: Giulia

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



| | |
|--------------|-----|
| acc. code ▶ | 237 |
| prod. code ▼ | |
| 544001 | ● |
| 544002 | ● |
| 544003 | ● |
| 544004 | ● |
| 544005 | ● |
| 544006 | ● |



ARCADIA

- Linear luminaire for installation on wall or ceiling – surface mounted.
- Configuration: die-cast aluminium closing ends, EN AB-47100 alloy (low copper content), extruded aluminium structure and zinc-coated steel fixing brackets. Glass diffuser: transparent or sandblasted with silkscreen border, fixed to the aluminium through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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 EN60598-1 standards.
- Class of insulation: I; RGB: III
- Installation: the luminaire is equipped with a piece of cable (approx. 500mm) and an M16 cable-gland (4,5mm<math>\lt\mathit{<10\text{mm}</math> cables) closed with a removable cap. The electrical components are installed on a removable frame accessible by unscrewing the closing ends. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

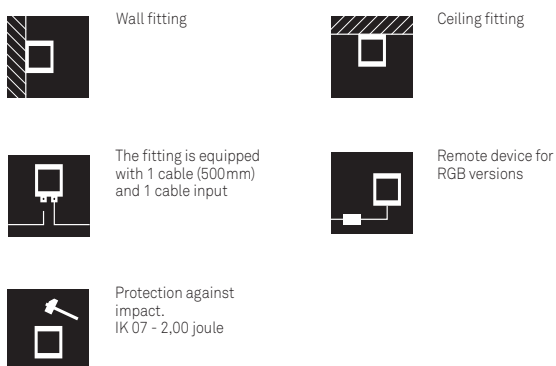
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

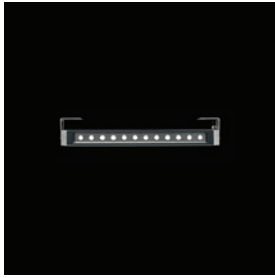
LED VERSION:
 Class A/A+/A++
 Luminaire supplied with integrated LED modules that cannot be replaced

A+

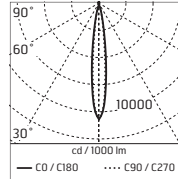
FLUORESCENT VERSION:
 Class A+
 T16/G5



Arcadia640 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°

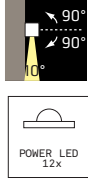
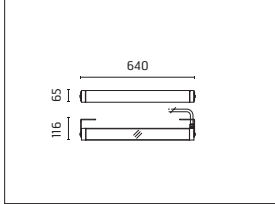


545002
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1423
 CRI>80
 Integral electronic power supply

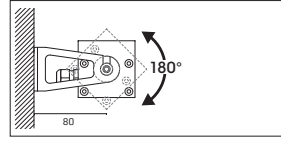


| m | lux | |
|------|-------|------|
| | Max | Med |
| 1.00 | 15213 | 9757 |
| 2.00 | 3803 | 2439 |
| 3.00 | 1690 | 1084 |
| 4.00 | 951 | 610 |
| 5.00 | 609 | 390 |

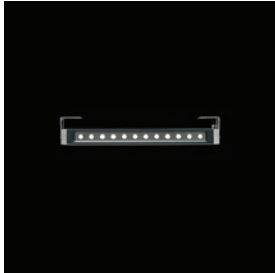
$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 6.0^\circ + 6.0^\circ$



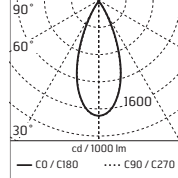
545003
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1314
 CRI>80
 Integral electronic power supply



Arcadia640 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 40°

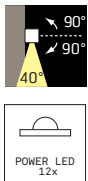
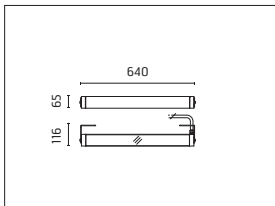


545005
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1247
 CRI>80
 Integral electronic power supply

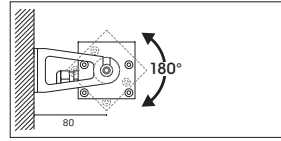


| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 2121 | 1266 |
| 2.00 | 530 | 317 |
| 3.00 | 236 | 141 |
| 4.00 | 133 | 79 |
| 5.00 | 85 | 51 |

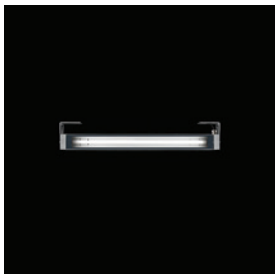
$\alpha = 21.0^\circ + 21.0^\circ$ $\beta = 21.0^\circ + 21.0^\circ$



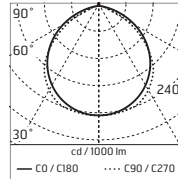
545006
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1151
 CRI>80
 Integral electronic power supply



Arcadia640 / With Brackets L 80mm - Transparent Glass - Adjustable

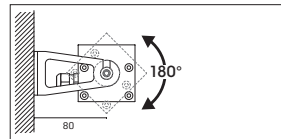
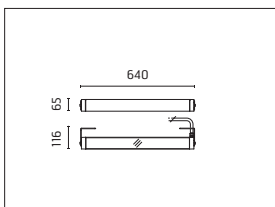


545007
 T16 14W G5
 Electronic ballast

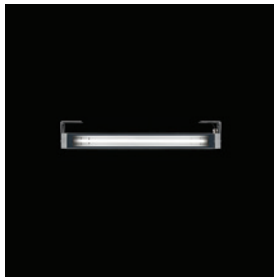


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 333 | 93 |
| 2.00 | 83 | 23 |
| 3.00 | 37 | 10 |
| 4.00 | 21 | 6 |
| 5.00 | 13 | 4 |

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

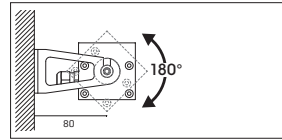
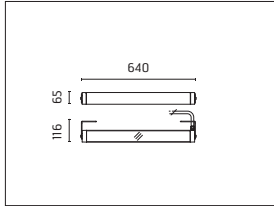
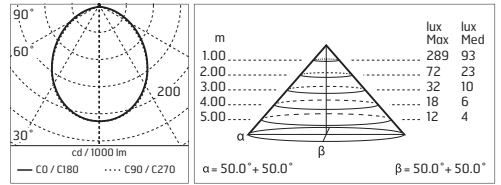


Arcadia640 / With Brackets L 80mm - Sandblasted Glass - Adjustable

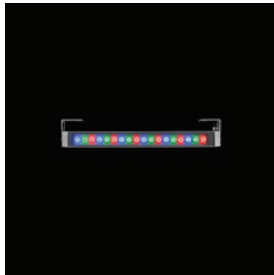


545008

T16 14W G5
Electronic ballast



Arcadia640 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable



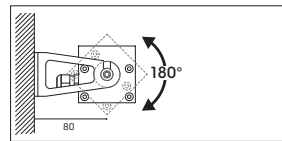
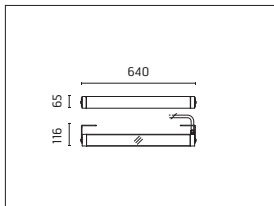
545009

RGB
POWER LEDs
20,4W/48Vdc
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

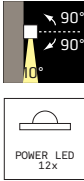
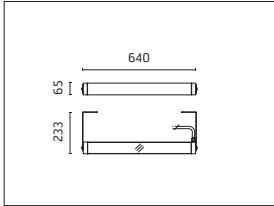
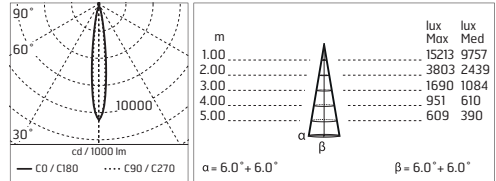
>> See Page 517
Wiring Diagram n.7



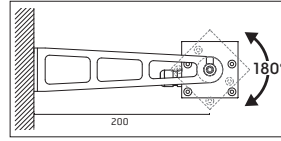
Arcadia640 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545011
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1423
 CRI>80
 Integral electronic power supply



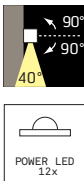
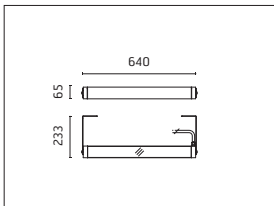
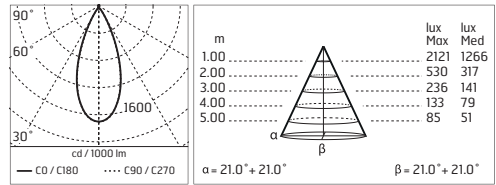
545012
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1314
 CRI>80
 Integral electronic power supply



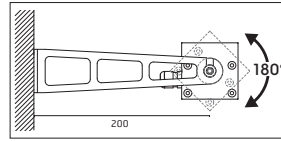
Arcadia640 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 40°



545014
 NATURAL WHITE 4000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1560 ≠ Lm OUTPUT 1247
 CRI>80
 Integral electronic power supply



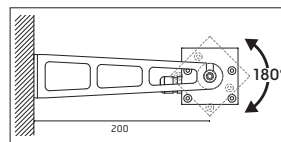
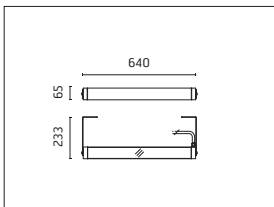
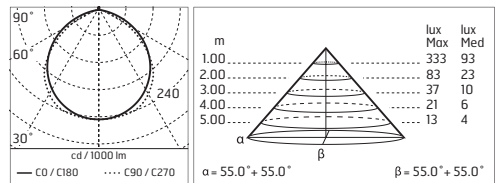
545015
 WARM WHITE 3000K
 POWER LEDs
 13,2W/220÷240V
 Total power 16W
 Lm LED 1440 ≠ Lm OUTPUT 1151
 CRI>80
 Integral electronic power supply



Arcadia640 / With Brackets L 200mm - Transparent Glass - Adjustable



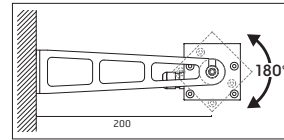
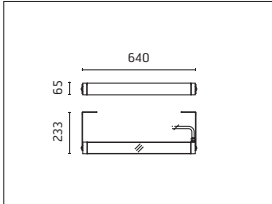
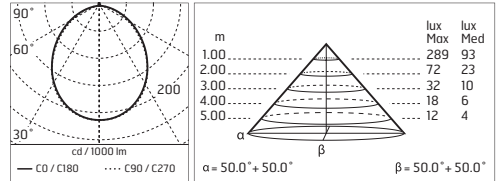
545016
 T16 14W G5
 Electronic ballast



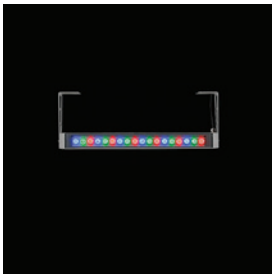
Arcadia640 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545017
 T16 14W G5
 Electronic ballast



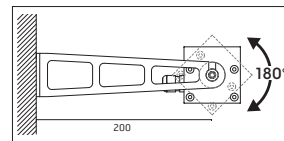
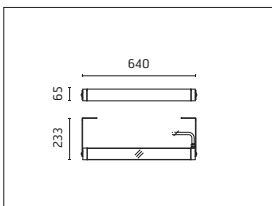
Arcadia640 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable



545018
 RGB
 POWER LEDs
 20,4W/48Vdc
 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

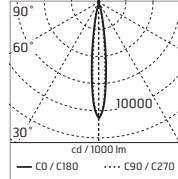
>> See Page 517
 Wiring Diagram n.7



Arcadia940 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°

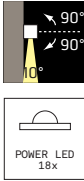
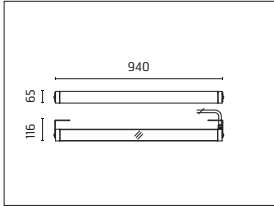


545020
 NATURAL WHITE 4000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≈ Lm OUTPUT 2135
 CRI>80
 Integral electronic power supply

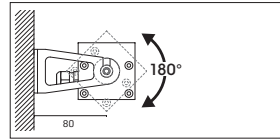


| m | lux | |
|------|-------|-------|
| | Max | Med |
| 1.00 | 22825 | 14639 |
| 2.00 | 5706 | 3660 |
| 3.00 | 2536 | 1627 |
| 4.00 | 1427 | 915 |
| 5.00 | 913 | 586 |

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



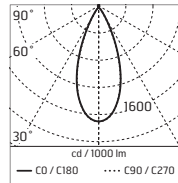
545021
 WARM WHITE 3000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≈ Lm OUTPUT 1971
 CRI>80
 Integral electronic power supply



Arcadia940 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 40°

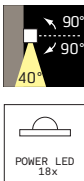
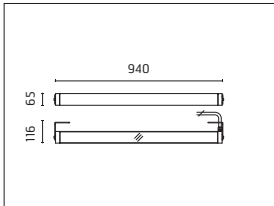


545023
 NATURAL WHITE 4000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≈ Lm OUTPUT 1871
 CRI>80
 Integral electronic power supply

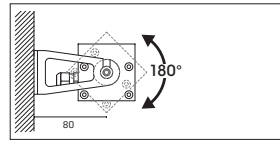


| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 3183 | 1900 |
| 2.00 | 796 | 475 |
| 3.00 | 354 | 211 |
| 4.00 | 199 | 119 |
| 5.00 | 127 | 76 |

$\alpha = 21.0^\circ + 21.0^\circ$ $\beta = 21.0^\circ + 21.0^\circ$



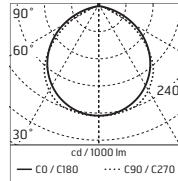
545024
 WARM WHITE 3000K
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≈ Lm OUTPUT 1726
 CRI>80
 Integral electronic power supply



Arcadia940 / With Brackets L 80mm - Transparent Glass - Adjustable

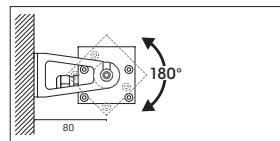
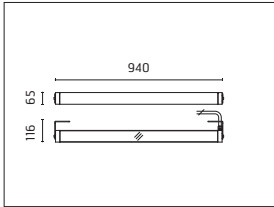


545025
 T16 21W G5
 Electronic ballast



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 468 | 131 |
| 2.00 | 117 | 33 |
| 3.00 | 52 | 15 |
| 4.00 | 29 | 8 |
| 5.00 | 19 | 5 |

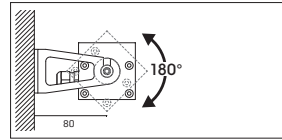
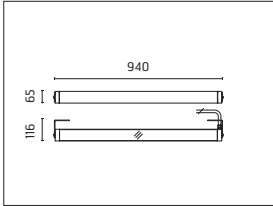
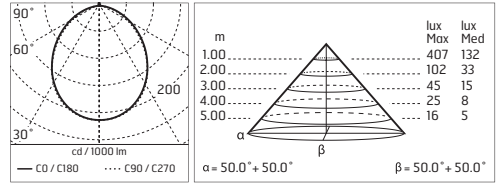
$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$



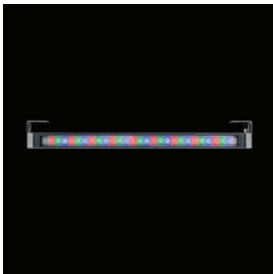
Arcadia940 / With Brackets L 80mm - Sandblasted Glass - Adjustable



545026
 T16 21W G5
 Electronic ballast



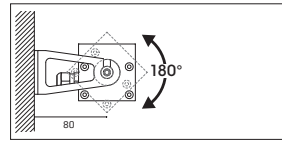
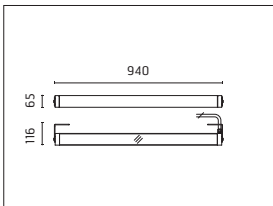
Arcadia940 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable



545027
 RGB
 POWER LEDs
 30,6W/48Vdc
 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

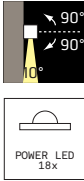
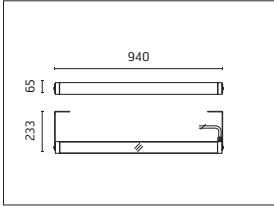
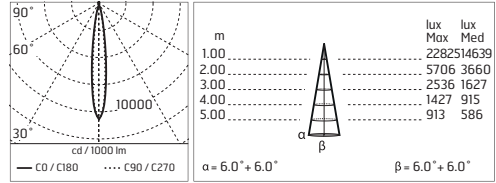
>> See Page 517
 Wiring Diagram n.7



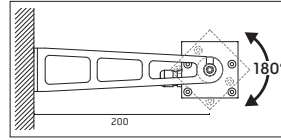
Arcadia940 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545029 **NATURAL WHITE 4000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≠ Lm OUTPUT 2135
 CRI>80
 Integral electronic power supply



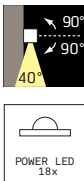
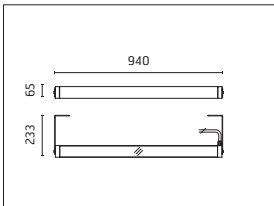
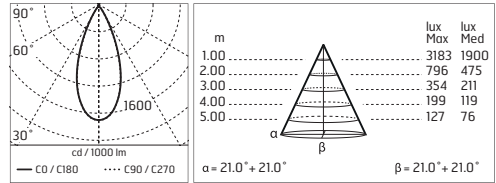
545030 **WARM WHITE 3000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≠ Lm OUTPUT 1971
 CRI>80
 Integral electronic power supply



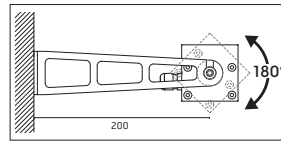
Arcadia940 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 40°



545032 **NATURAL WHITE 4000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2340 ≠ Lm OUTPUT 1871
 CRI>80
 Integral electronic power supply



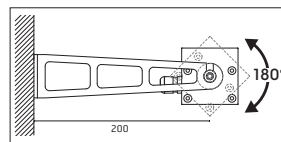
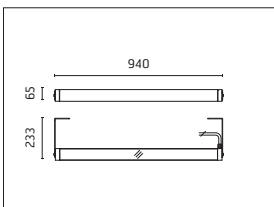
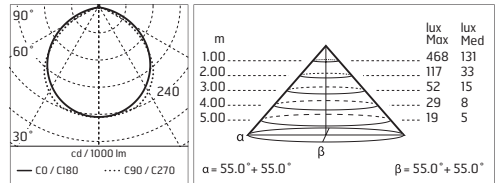
545033 **WARM WHITE 3000K**
 POWER LEDs
 19,8W/220÷240V
 Total power 24W
 Lm LED 2160 ≠ Lm OUTPUT 1726
 CRI>80
 Integral electronic power supply



Arcadia940 / With Brackets L 200mm - Transparent Glass - Adjustable



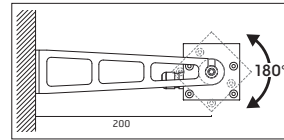
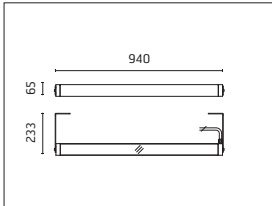
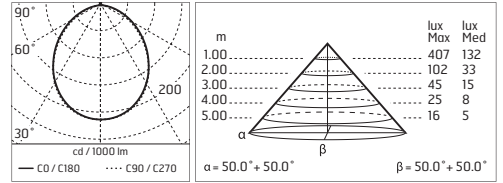
545034 **T16 21W G5**
 Electronic ballast



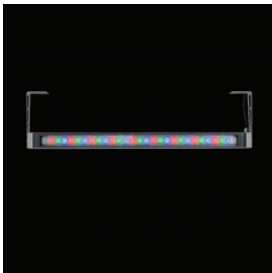
Arcadia940 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545035
 T16 21W G5
 Electronic ballast



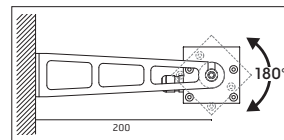
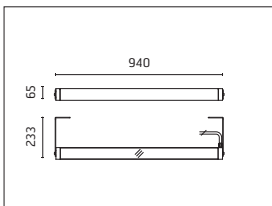
Arcadia940 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable



545036
 RGB
 POWER LEDs
 30,6W/48Vdc
 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

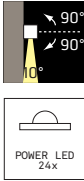
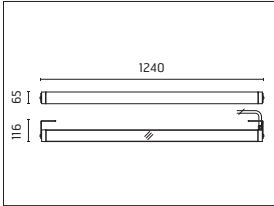
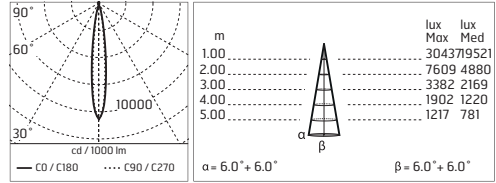
>> See Page 517
 Wiring Diagram n.7



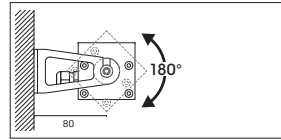
Arcadia1240 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Narrow Beam 10°



545038 **NATURAL WHITE 4000K**
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2847
 CRI>80
 Integral electronic power supply



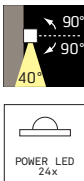
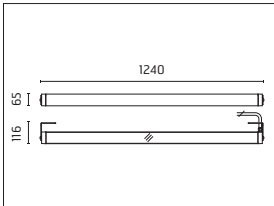
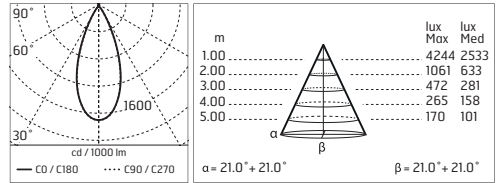
545039 **WARM WHITE 3000K**
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2628
 CRI>80
 Integral electronic power supply



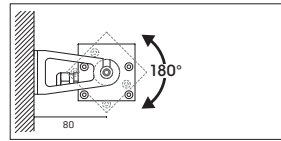
Arcadia1240 Power LED / With Brackets L 80mm - Transparent Glass - Adjustable - Medium Beam 40°



545041 **NATURAL WHITE 4000K**
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2495
 CRI>80
 Integral electronic power supply



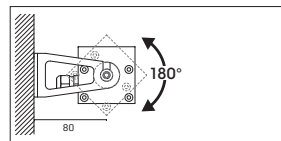
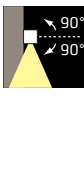
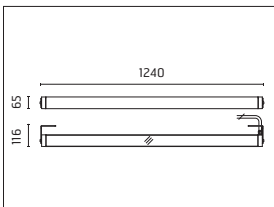
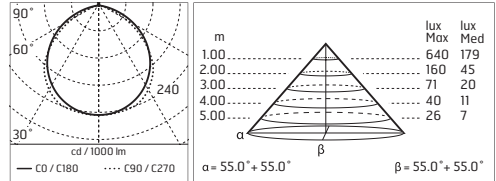
545042 **WARM WHITE 3000K**
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2303
 CRI>80
 Integral electronic power supply



Arcadia1240 / With Brackets L 80mm - Transparent Glass - Adjustable



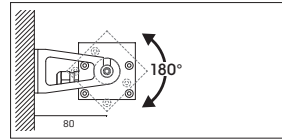
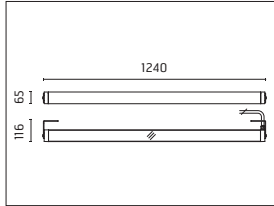
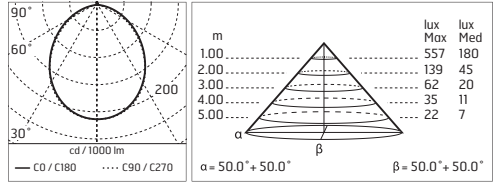
545043 **T16 28W G5**
 Electronic ballast



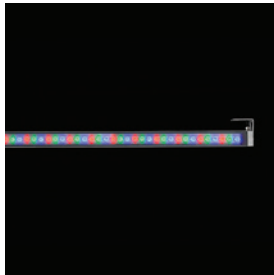
Arcadia1240 / With Brackets L 80mm - Sandblasted Glass - Adjustable



545044
 T16 28W G5
 Electronic ballast



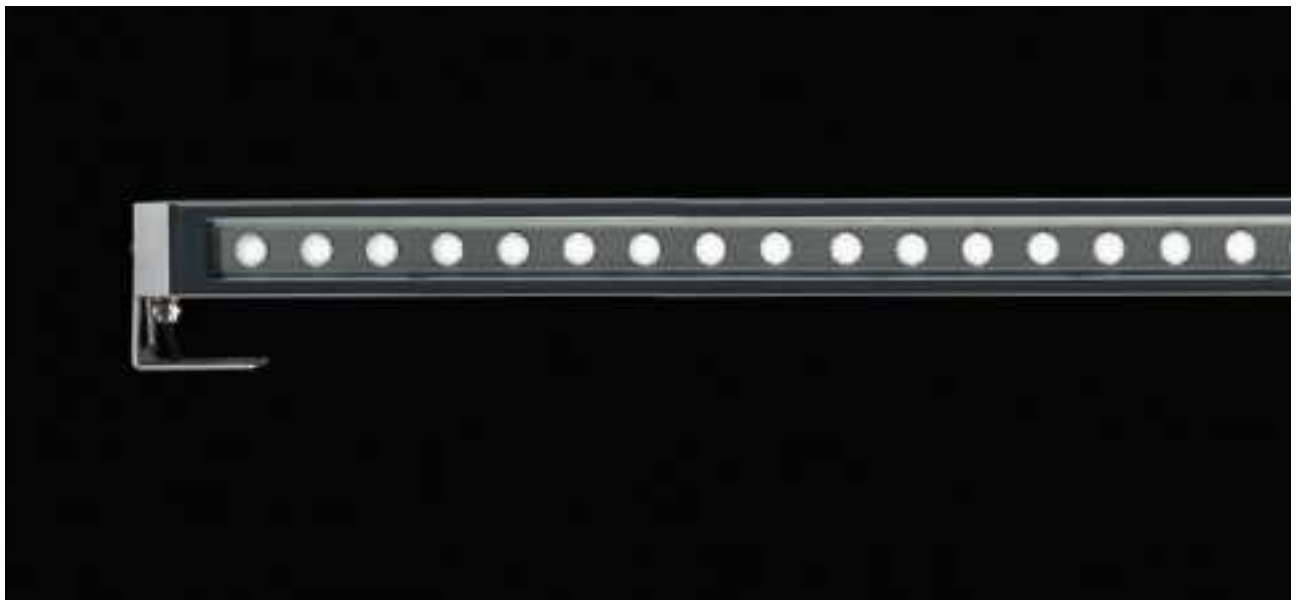
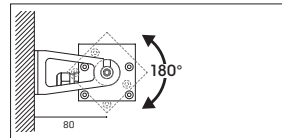
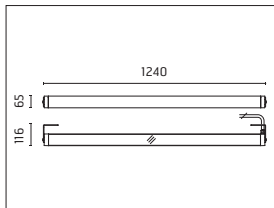
Arcadia1240 RGB Power LED / With Brackets L 80mm - Sandblasted Glass - Adjustable



545045
 RGB
 POWER LEDs
 40,8W/48Vdc
 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

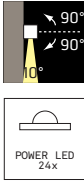
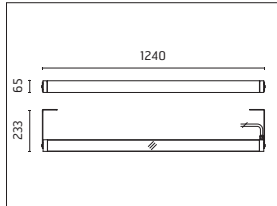
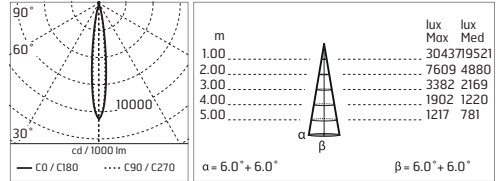
>> See Page 517
 Wiring Diagram n.7



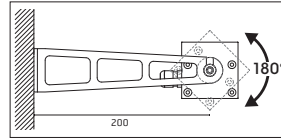
Arcadia1240 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Narrow Beam 10°



545047
 NATURAL WHITE 4000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2847
 CRI>80
 Integral electronic power supply



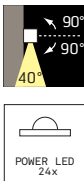
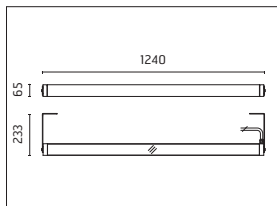
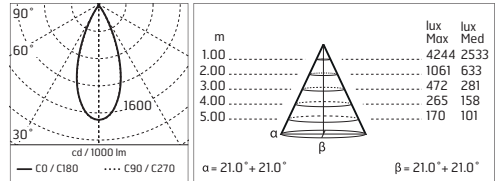
545048
 WARM WHITE 3000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2628
 CRI>80
 Integral electronic power supply



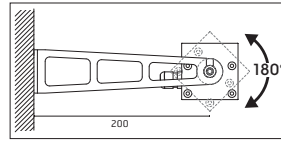
Arcadia1240 Power LED / With Brackets L 200mm - Transparent Glass - Adjustable - Medium Beam 40°



545050
 NATURAL WHITE 4000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 3120 ≠ Lm OUTPUT 2495
 CRI>80
 Integral electronic power supply



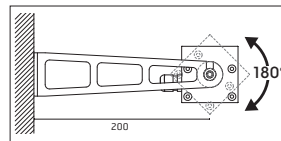
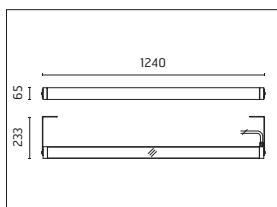
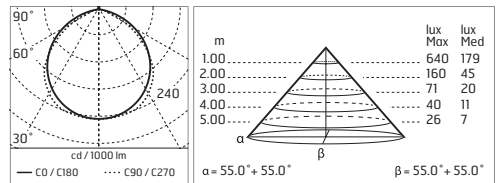
545051
 WARM WHITE 3000K
 POWER LEDs
 26,4W/220÷240V
 Total power 32W
 Lm LED 2880 ≠ Lm OUTPUT 2303
 CRI>80
 Integral electronic power supply



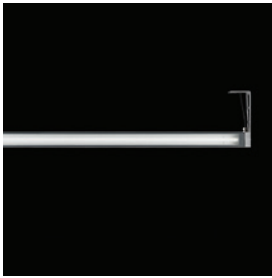
Arcadia1240 / With Brackets L 200mm - Transparent Glass - Adjustable



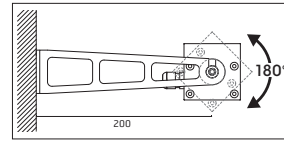
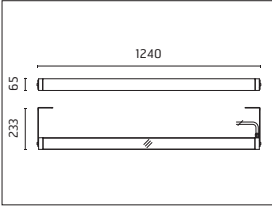
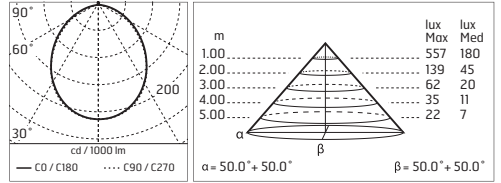
545052
 T16 28W G5
 Electronic ballast



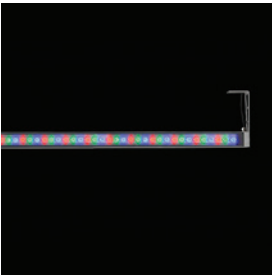
Arcadia1240 / With Brackets L 200mm - Sandblasted Glass - Adjustable



545053
 T16 28W G5
 Electronic ballast



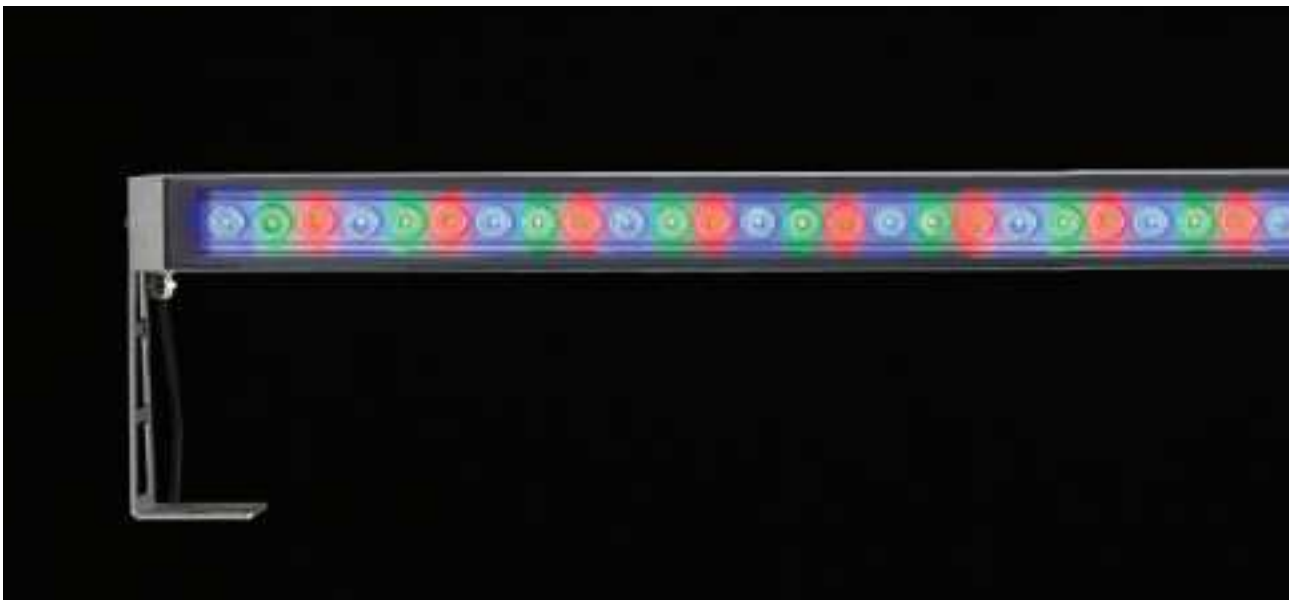
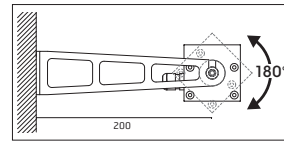
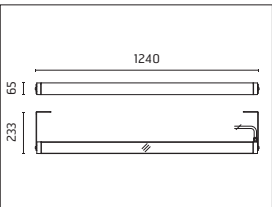
Arcadia1240 RGB Power LED / With Brackets L 200mm - Sandblasted Glass - Adjustable



545054
 RGB
 POWER LEDs
 40,8W/48Vdc
 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

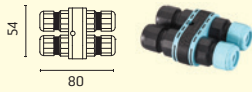
>> See Page 517
 Wiring Diagram n.7



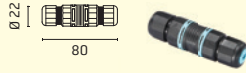


Accessories: Arcadia

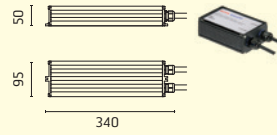
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



236
2 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



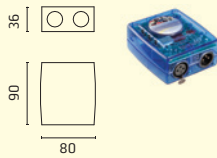
149
POWER SUPPLY 60W/110÷240V - 48Vdc
IP67 CLASS I SELV EQ.



142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



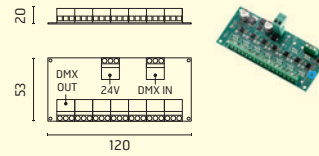
143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



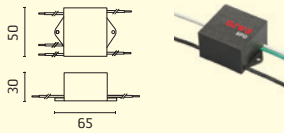
186
DMX CABLE - SHIELDED TWISTED PAIR
WITH 110 Ohm CONSTANT IMPEDANCE.



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 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 215 | 236 | 149 | 142 | 143 | 186 | 187 | 237 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | |
| 545002 | • | • | | | | | | • |
| 545003 | • | • | | | | | | • |
| 545005 | • | • | | | | | | • |
| 545006 | • | • | | | | | | • |
| 545007 | • | • | | | | | | • |
| 545008 | • | • | | | | | | • |
| 545009 | | | 2 | • | • | • | • | |
| 545011 | • | • | | | | | | • |
| 545012 | • | • | | | | | | • |
| 545014 | • | • | | | | | | • |
| 545015 | • | • | | | | | | • |
| 545016 | • | • | | | | | | • |
| 545017 | • | • | | | | | | • |
| 545018 | | | 2 | • | • | • | • | |
| 545020 | • | • | | | | | | • |
| 545021 | • | • | | | | | | • |
| 545023 | • | • | | | | | | • |
| 545024 | • | • | | | | | | • |
| 545025 | • | • | | | | | | • |
| 545026 | • | • | | | | | | • |
| 545027 | | | 1 | • | • | • | • | |

| acc. code ▶ | 215 | 236 | 149 | 142 | 143 | 186 | 187 | 237 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | |
| 545029 | • | • | | | | | | • |
| 545030 | • | • | | | | | | • |
| 545032 | • | • | | | | | | • |
| 545033 | • | • | | | | | | • |
| 545034 | • | • | | | | | | • |
| 545035 | • | • | | | | | | • |
| 545036 | | | 1 | • | • | • | • | |
| 545038 | • | • | | | | | | • |
| 545039 | • | • | | | | | | • |
| 545041 | • | • | | | | | | • |
| 545042 | • | • | | | | | | • |
| 545043 | • | • | | | | | | • |
| 545044 | • | • | | | | | | • |
| 545045 | | | 1 | • | • | • | • | |
| 545047 | • | • | | | | | | • |
| 545048 | • | • | | | | | | • |
| 545050 | • | • | | | | | | • |
| 545051 | • | • | | | | | | • |
| 545052 | • | • | | | | | | • |
| 545053 | • | • | | | | | | • |
| 545054 | | | 1 | • | • | • | • | |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Light for installation on wall or ceiling – surface mounted.
- Configuration: polycarbonate tube, opal or transparent, 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: the luminaire is supplied with a screw connector and requires the use of a feeding cable (direct to power supply or for end-to-end connection) to be ordered separately. Parallel wiring required. Maximum end-to-end sequence: 5000mm.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



Ceiling fitting



Wall fitting



Protection against water ingress from the cable



Installation requires a feeding cable (acc. code 172 or 173, 174)

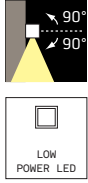
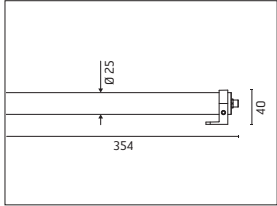


Remote device required.



Protection against impact. IK 06 - 1,00 joule

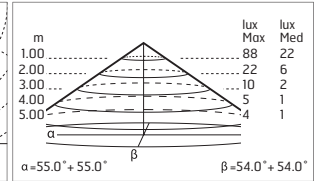
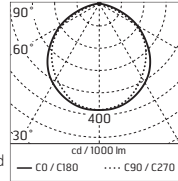
Tau Low-Power LED / L. 354 - Transparent Diffuser



523002 **A A+ A++**

NATURAL WHITE 4000K
LOW-POWER LEDs
3W/24Vdc
Total power 3W
Lm LED 255 \approx Lm OUTPUT 231
CRI>80

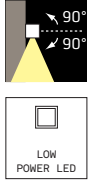
Remote electronic power supply and supply cable to be ordered
Acc. 144 or 176



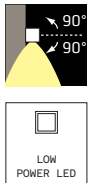
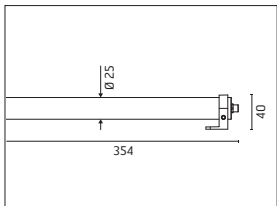
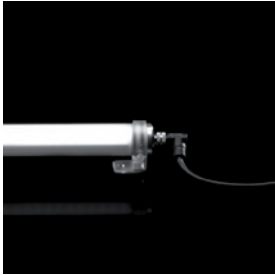
523003 **A A+ A++**

WARM WHITE 3000K
LOW-POWER LEDs
3W/24Vdc
Total power 3W
Lm LED 255 \approx Lm OUTPUT 231
CRI>80

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



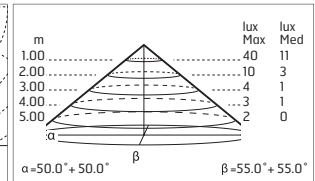
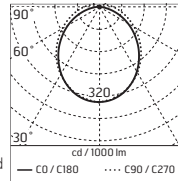
Tau Low-Power LED / L. 354 - Opal Diffuser



523012 **A A+ A++**

NATURAL WHITE 4000K
LOW-POWER LEDs
3W/24Vdc
Total power 3W
Lm LED 255 \approx Lm OUTPUT 118
CRI>80

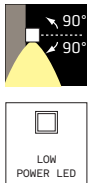
Remote electronic power supply and supply cable to be ordered
Acc. 144 or 176



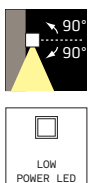
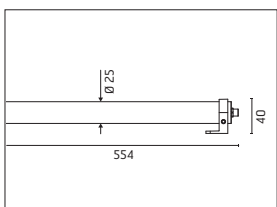
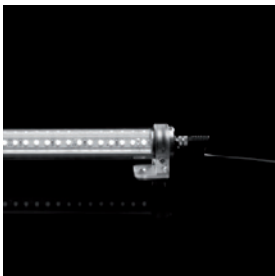
523013 **A A+ A++**

WARM WHITE 3000K
LOW-POWER LEDs
3W/24Vdc
Total power 3W
Lm LED 255 \approx Lm OUTPUT 118
CRI>80

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



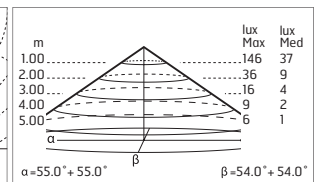
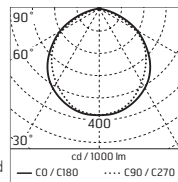
Tau Low-Power LED / L. 554 - Transparent Diffuser



523022 **A A+ A++**

NATURAL WHITE 4000K
LOW-POWER LEDs
5W/24Vdc
Total power 5W
Lm LED 420 \approx Lm OUTPUT 384
CRI>80

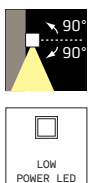
Remote electronic power supply and supply cable to be ordered
Acc. 144 or 176



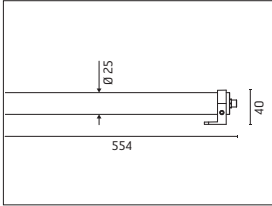
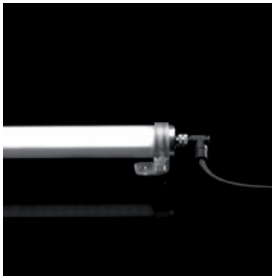
523023 **A A+ A++**

WARM WHITE 3000K
LOW-POWER LEDs
5W/24Vdc
Total power 5W
Lm LED 420 \approx Lm OUTPUT 384
CRI>80

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



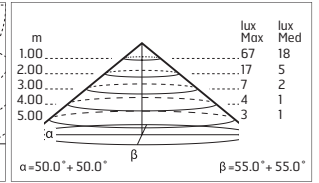
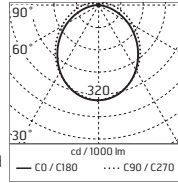
Tau Low-Power LED / L. 554 - Opal Diffuser



523032 A A+ A++

NATURAL WHITE 4000K
LOW-POWER LEDs
5W/24Vdc
Total power 5W
Lm LED 420 ≠ Lm OUTPUT 196
CRI>80

Remote electronic power supply and supply cable to be ordered
..||||Acc. 144 or 176



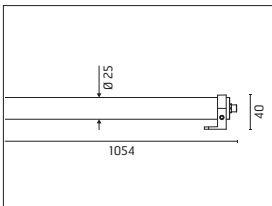
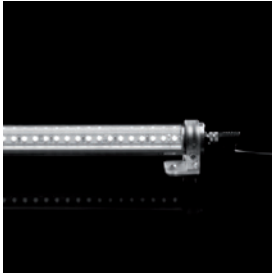
523033 A A+ A++

WARM WHITE 3000K
LOW-POWER LEDs
5W/24Vdc
Total power 5W
Lm LED 420 ≠ Lm OUTPUT 196
CRI>80

Remote electronic power supply and supply cable to be ordered
..||||Acc. 144 or 176



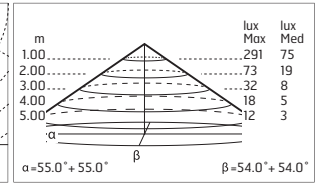
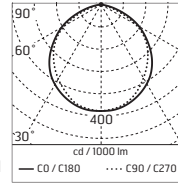
Tau Low-Power LED / L. 1054 - Transparent Diffuser



523042 A A+ A++

NATURAL WHITE 4000K
LOW-POWER LEDs
10W/24Vdc
Total power 10W
Lm LED 840 ≠ Lm OUTPUT 768
CRI>80

Remote electronic power supply and supply cable to be ordered
..||||Acc. 144 or 176



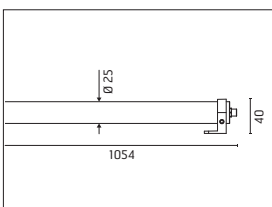
523043 A A+ A++

WARM WHITE 3000K
LOW-POWER LEDs
10W/24Vdc
Total power 10W
Lm LED 840 ≠ Lm OUTPUT 768
CRI>80

Remote electronic power supply and supply cable to be ordered
..||||Acc. 144 or 176



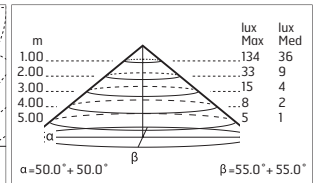
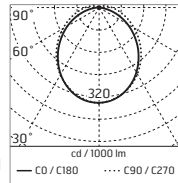
Tau Low-Power LED / L. 1054 - Opal Diffuser



523052 A A+ A++

NATURAL WHITE 4000K
LOW-POWER LEDs
10W/24Vdc
Total power 10W
Lm LED 840 ≠ Lm OUTPUT 392
CRI>80

Remote electronic power supply and supply cable to be ordered
..||||Acc. 144 or 176



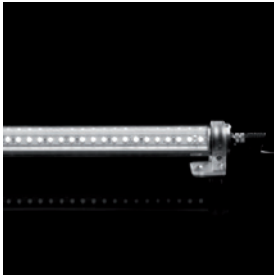
523053 A A+ A++

WARM WHITE 3000K
LOW-POWER LEDs
10W/24Vdc
Total power 10W
Lm LED 840 ≠ Lm OUTPUT 392
CRI>80

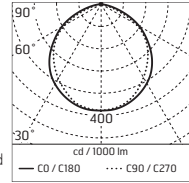
Remote electronic power supply and supply cable to be ordered
..||||Acc. 144 or 176



Tau Low-Power LED / L. 1554 - Transparent Diffuser

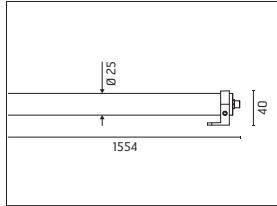


523062 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 15W/24Vdc
 Total power 15W
 Lm LED 1260 ≠ Lm OUTPUT 1152
 CRI>80
 Remote electronic power supply and
 supply cable to be ordered
 Acc. 144 or 176



| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 437 | 112 |
| 2.00 | 109 | 28 |
| 3.00 | 49 | 12 |
| 4.00 | 27 | 7 |
| 5.00 | 17 | 4 |

$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 54.0^\circ + 54.0^\circ$

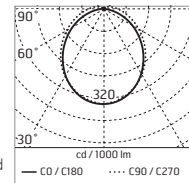


523063 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 15W/24Vdc
 Total power 15W
 Lm LED 1260 ≠ Lm OUTPUT 1152
 CRI>80
 Remote electronic power supply and
 supply cable to be ordered
 Acc. 144 or 176

Tau Low-Power LED / L. 1554 - Opal Diffuser

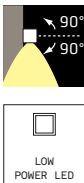
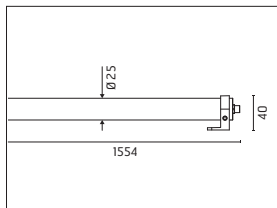


523072 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 15W/24Vdc
 Total power 15W
 Lm LED 1260 ≠ Lm OUTPUT 589
 CRI>80
 Remote electronic power supply and
 supply cable to be ordered
 Acc. 144 or 176

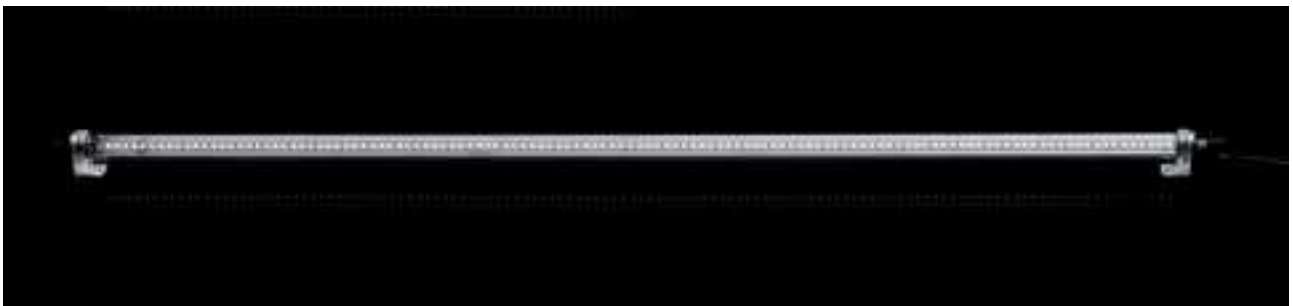


| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 200 | 54 |
| 2.00 | 50 | 14 |
| 3.00 | 22 | 6 |
| 4.00 | 13 | 3 |
| 5.00 | 8 | 2 |

$\alpha = 50.0^\circ + 50.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$

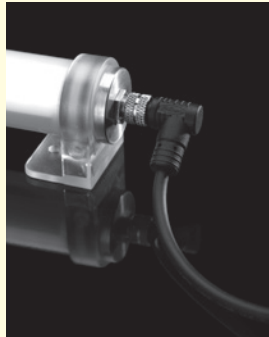
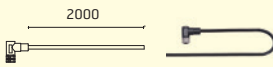


523073 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 15W/24Vdc
 Total power 15W
 Lm LED 1260 ≠ Lm OUTPUT 589
 CRI>80
 Remote electronic power supply and
 supply cable to be ordered
 Acc. 144 or 176

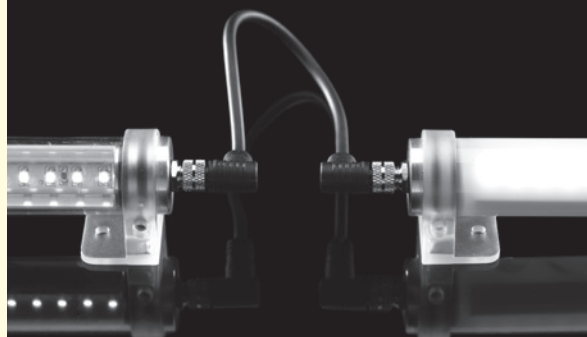
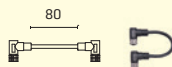


Accessories: Tau

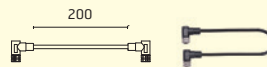
172
SUPPLY CABLE L.2000mm
SINGLE CONNECTOR



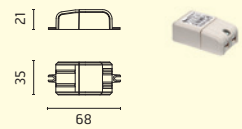
173
SUPPLY CABLE L.80mm
DOUBLE CONNECTOR



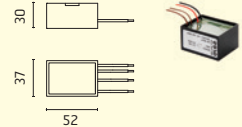
174
SUPPLY CABLE L.200mm
DOUBLE CONNECTOR



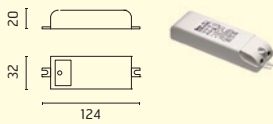
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



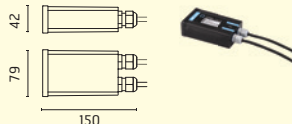
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



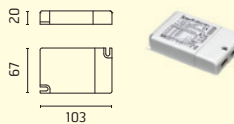
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



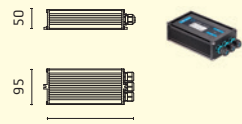
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



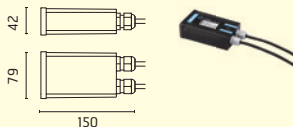
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



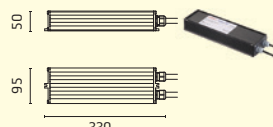
176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



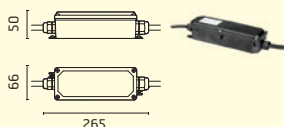
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



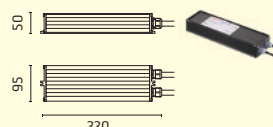
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



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



156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

| acc. code ▶ | 172 | 173 | 174 | 150 | 106 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 |
|--------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | | | |
| 523002 | • | • | • | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 16 | 22 | 30 |
| 523003 | • | • | • | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 16 | 22 | 30 |
| 523012 | • | • | • | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 16 | 22 | 30 |
| 523013 | • | • | • | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 16 | 22 | 30 |
| 523022 | • | • | • | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 10 | 14 | 18 |
| 523023 | • | • | • | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 10 | 14 | 18 |
| 523032 | • | • | • | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 10 | 14 | 18 |
| 523033 | • | • | • | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 10 | 14 | 18 |
| 523042 | • | • | • | | | | | 1 | 1 | 2 | 5 | 7 | 9 |
| 523043 | • | • | • | | | | | 1 | 1 | 2 | 5 | 7 | 9 |
| 523052 | • | • | • | | | | | 1 | 1 | 2 | 5 | 7 | 9 |
| 523053 | • | • | • | | | | | 1 | 1 | 2 | 5 | 7 | 9 |
| 523062 | • | • | • | | | | | 1 | 1 | 1 | 3 | 4 | 6 |
| 523063 | • | • | • | | | | | 1 | 1 | 1 | 3 | 4 | 6 |
| 523072 | • | • | • | | | | | 1 | 1 | 1 | 3 | 4 | 6 |
| 523073 | • | • | • | | | | | 1 | 1 | 1 | 3 | 4 | 6 |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



LEO 80

LEO 120

LEO 120 ON POST





LEO 160

LEO 160 ON POST

LEO 80

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: transparent glass or lens with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through a cable holder (5mm\times9mm cable). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

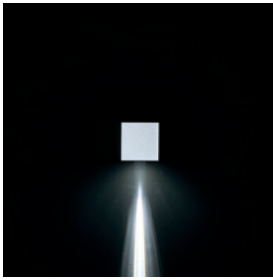
| | |
|---|--|
|  | LED VERSION:: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced |
|  | |
|  | |
|  | HALOGEN VERSION: Class D QT14/G9 |



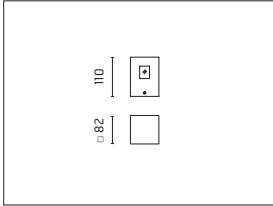
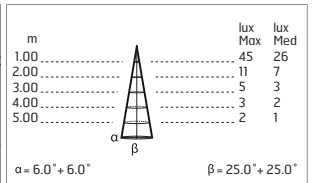
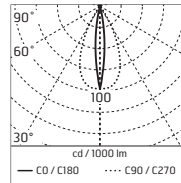
| | | | |
|--|--|---|--|
|  | Wall fitting |  | The fitting is equipped with 1 cable input |
|  | Protection against impact. IK 07 - 2,00 joule | | |



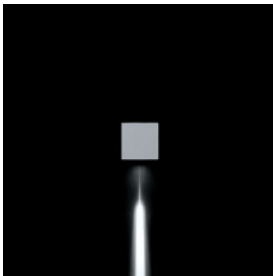
Leo80 / Unidirectional - Narrow Beam 10° - Convex Lens



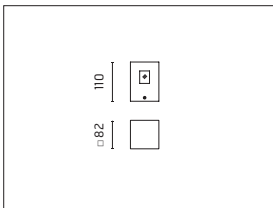
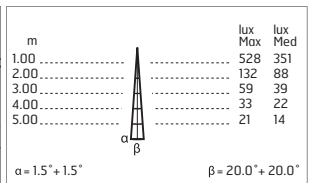
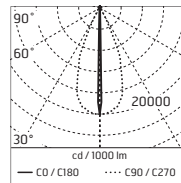
1232743 **D**
QT 14 40W 230V G9



Leo80 Power LED / Unidirectional - Narrow Beam 3° - Convex Lens



12316343 **A A+ A++**
NATURAL WHITE 4000K
POWER LED
1,1W/100=240V
Total power 2,5W
Lm LED 148≠ Lm OUTPUT 26
CRI>80
Integral electronic power supply

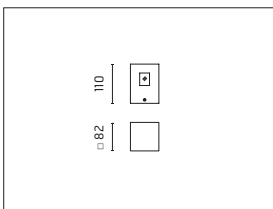
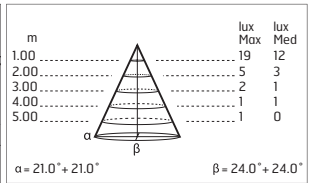
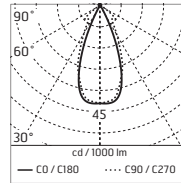


12311643 **A A+ A++**
WARM WHITE 3000K
POWER LED
1,1W/100=240V
Total power 2,5W
Lm LED 139 ≠ Lm OUTPUT 24
CRI>80
Integral electronic power supply

Leo80 / Unidirectional - Medium Beam 40°



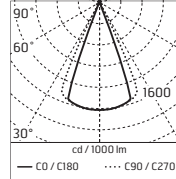
1232750 **D**
QT 14 40W 230V G9



Leo80 Power LED / Unidirectional - Medium Beam 40°

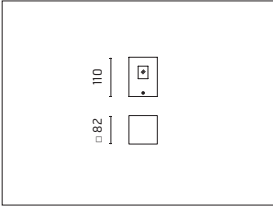


12316450 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,1W/100÷240V
 Total power 2,5W
 Lm LED 148≠ Lm OUTPUT 28
 CRI>80
 Integral electronic power supply



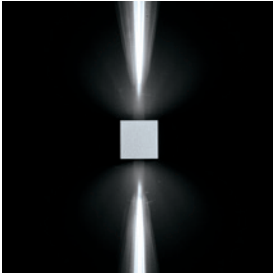
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 45 | 34 |
| 2.00 | 11 | 9 |
| 3.00 | 5 | 4 |
| 4.00 | 3 | 2 |
| 5.00 | 2 | 1 |

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

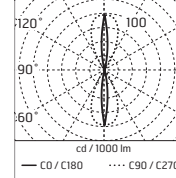


1231650 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,1W/100÷240V
 Total power 2,5W
 Lm LED 139 ≠ Lm OUTPUT 26
 CRI>80
 Integral electronic power supply

Leo80 / Bidirectional - Narrow Beam 10° - Convex Lens

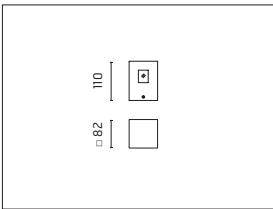


1232744 **D**
 QT 14 40W 230V G9

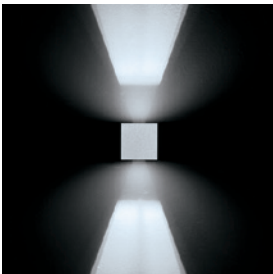


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 45 | 26 |
| 2.00 | 11 | 7 |
| 3.00 | 5 | 3 |
| 4.00 | 3 | 2 |
| 5.00 | 2 | 1 |

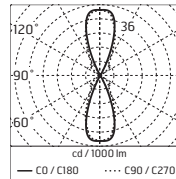
$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$



Leo80 / Bidirectional - Medium Beam 40°

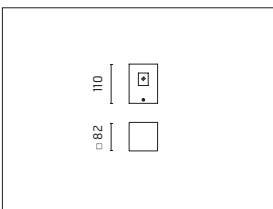


1232751 **D**
 QT 14 40W 230V G9

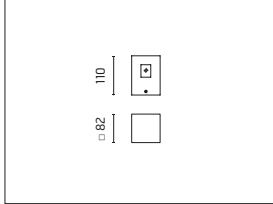
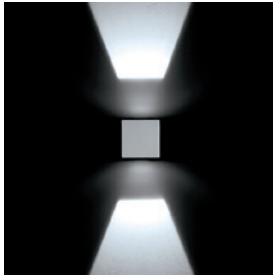


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 19 | 12 |
| 2.00 | 5 | 3 |
| 3.00 | 2 | 1 |
| 4.00 | 1 | 1 |
| 5.00 | 1 | 0 |

$\alpha = 21.0^\circ + 21.0^\circ$ $\beta = 24.0^\circ + 24.0^\circ$

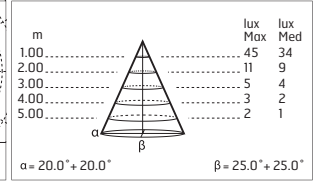
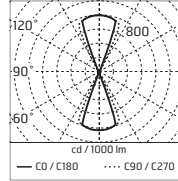


Leo80 Power LED / Bidirectional - Medium Beam 40°



12316451 **A A+ A++**

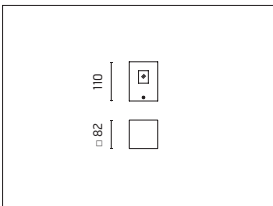
NATURAL WHITE 4000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x148 ≠ Lm OUTPUT 2x28
CRI>80
Integral electronic power supply



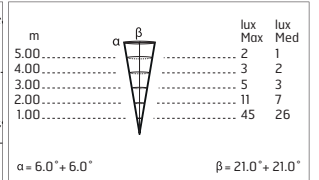
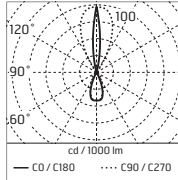
12311951 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x139 ≠ Lm OUTPUT 2x26
CRI>80
Integral electronic power supply

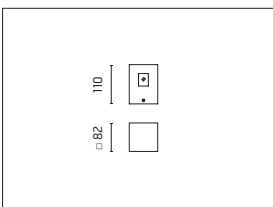
Leo80 / Bidirectional - Combined: Narrow Beam 10° (Convex Lens) + Medium Beam 40°



1232753 **D** QT 14 40W 230V G9

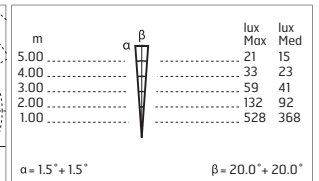
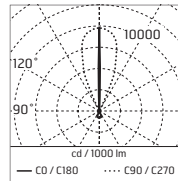


Leo80 Power LED / Bidirectional - Combined: Narrow Beam 3° (Convex Lens) + Medium Beam 40°



12316453 **A A+ A++**

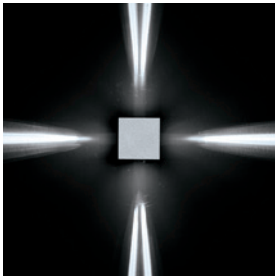
NATURAL WHITE 4000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x148 ≠ Lm OUTPUT 26+28
CRI>80
Integral electronic power supply



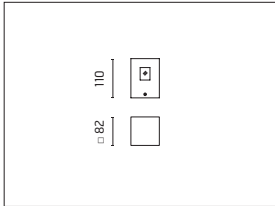
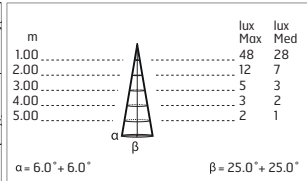
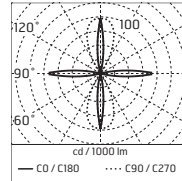
12312253 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
2,2W/100÷240V
Total power 4W
Lm LED 2x139 ≠ Lm OUTPUT 24+26
CRI>80
Integral electronic power supply

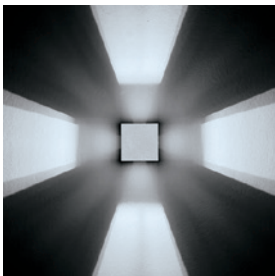
Leo80 / Omnidirectional - Narrow Beam 10° - Convex Lens



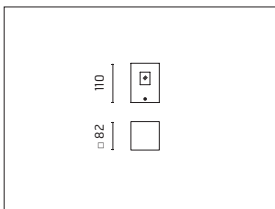
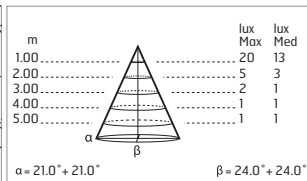
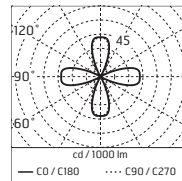
1232745 **D**
 QT 14 40W 230V G9



Leo80 / Omnidirectional - Medium Beam 40°

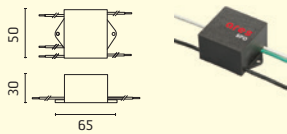


1232752 **D**
 QT 14 40W 230V G9



Accessories: Leo80

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



| acc. code | prod. code | 237 |
|-----------|------------|-----|
| 1232743 | | |
| 1232744 | | |
| 1232745 | | |
| 1232750 | | |
| 1232751 | | |
| 1232752 | | |
| 1232753 | | |
| 12311643 | | ● |
| 12311650 | | ● |
| 12311951 | | ● |
| 12312253 | | ● |

| acc. code | prod. code | 237 |
|-----------|------------|-----|
| 12316343 | | ● |
| 12316450 | | ● |
| 12316451 | | ● |
| 12316453 | | ● |



LEO 120

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: lens or transparent or sandblasted glass fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through two cable holders (8mm\varnothing<math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes



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

FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-1

METAL HALIDE VERSION:
Class A/A+
HIT-TC-CE/G8,5



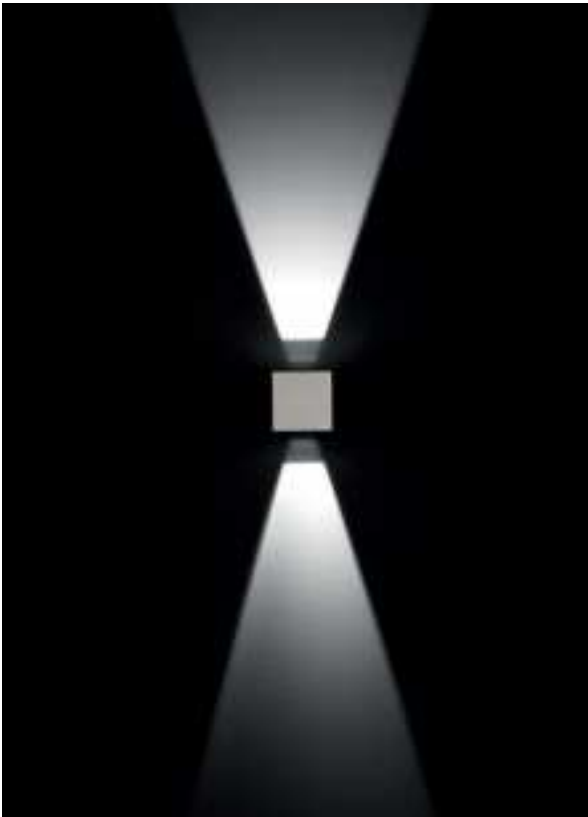
Wall fitting



The fitting is equipped with 2 cable input









Protection against impact.
IK 05 - 7,00 joule



LEO 120 ON POST

- Luminaire for installation on post – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium post. Glass diffuser: transparent or sandblasted fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through two cable holders (8mm\varnothing<math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

| | |
|---|---|
|  | LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced |
|  | |
|  | |
|  | FLUORESCENT VERSION: Class A TC-TEL/GX24q-1 |
|  | |
|  | METAL HALIDE VERSION: Class A/A+ HIT-TC-CE/G8,5 |



Bollard light



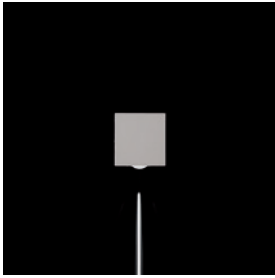
The fitting is equipped with 2 cable input



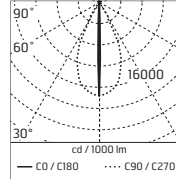
Protection against impact.
IK 05 - 7,00 joule



Leo120 Power LED / Unidirectional - Narrow Beam 3° - Convex Lens

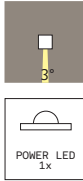
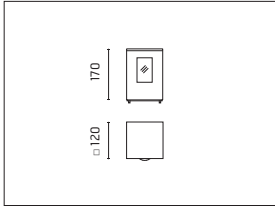


12316744 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 510 ≠ Lm OUTPUT 88
 CRI>80
 Integral electronic power supply



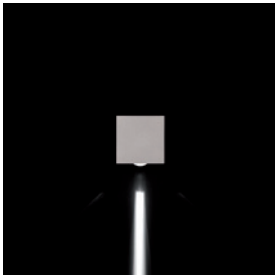
| m | lux | |
|------|------|-----|
| | Max | Med |
| 1.00 | 1514 | 956 |
| 2.00 | 379 | 239 |
| 3.00 | 168 | 106 |
| 4.00 | 95 | 60 |
| 5.00 | 61 | 38 |

$\alpha = 1.5^\circ + 1.5^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

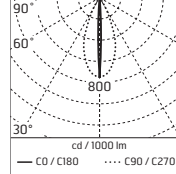


12316644 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 475 ≠ Lm OUTPUT 82
 CRI>80
 Integral electronic power supply

Leo120 / Unidirectional - Narrow Beam 4° - Convex Lens

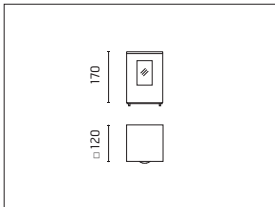


12316243 **A A+** 
 HIT-TC-CE 20W GU6,5
 Electronic ballast

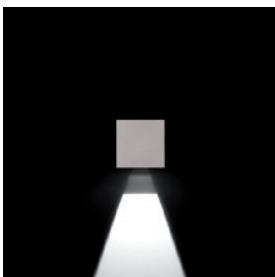


| m | lux | |
|------|------|-----|
| | Max | Med |
| 1.00 | 1353 | 681 |
| 2.00 | 338 | 170 |
| 3.00 | 150 | 76 |
| 4.00 | 85 | 43 |
| 5.00 | 54 | 27 |

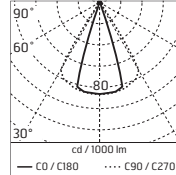
$\alpha = 2.0^\circ + 2.0^\circ$ $\beta = 21.0^\circ + 21.0^\circ$



Leo120 / Unidirectional - Medium Beam 35°

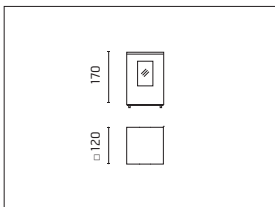


12316250 **A A+** 
 HIT-TC-CE 20W GU6,5
 Electronic ballast

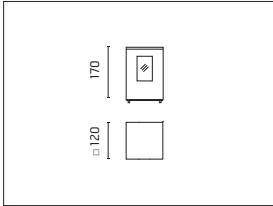
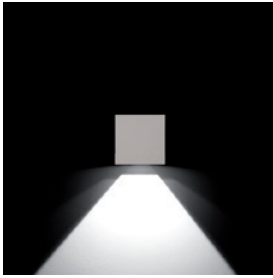


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 157 | 108 |
| 2.00 | 39 | 27 |
| 3.00 | 17 | 12 |
| 4.00 | 10 | 7 |
| 5.00 | 6 | 4 |

$\alpha = 17.0^\circ + 17.0^\circ$ $\beta = 32.0^\circ + 32.0^\circ$

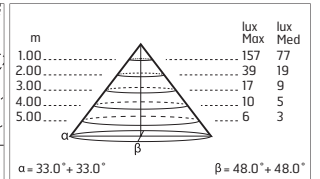
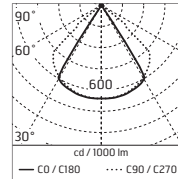


Leo120 Power LED / Unidirectional - Wide Beam 65°



12316752 A A+ A++

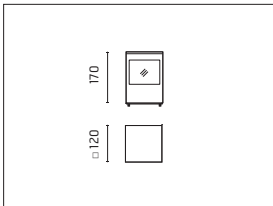
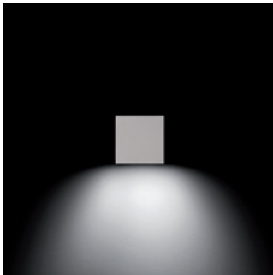
NATURAL WHITE 4000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 510 ≠ Lm OUTPUT 241
CRI>80
Integral electronic power supply



12316652 A A+ A++

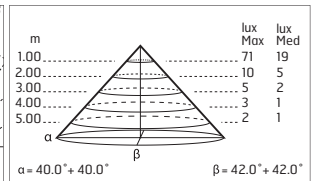
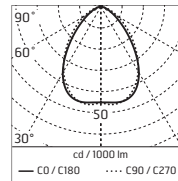
WARM WHITE 3000K
POWER LED
4,4W/220÷240V
Total power 6W
Lm LED 475 ≠ Lm OUTPUT 224
CRI>80
Integral electronic power supply

Leo120 / Unidirectional - Sandblasted Glass



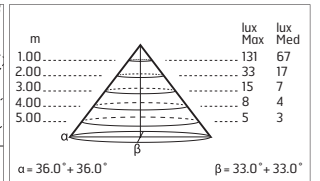
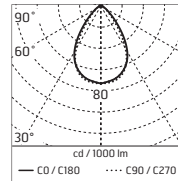
12316146 A

TC-TEL 13W GX24 q-1
Electronic ballast

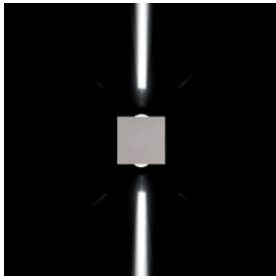


12316246 A A+ A++

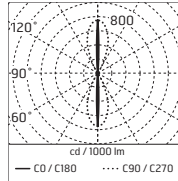
HIT-TC-CE 20W GU6,5
Electronic ballast



Leo120 / Bidirectional - Narrow Beam 4° - Convex Lens

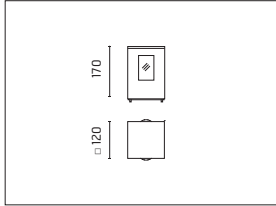


12316244 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast

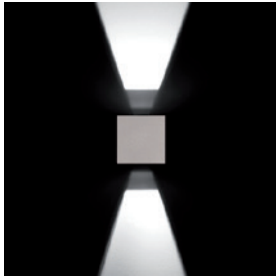


| m | lux | |
|------|------|-----|
| | Max | Med |
| 1.00 | 1353 | 681 |
| 2.00 | 338 | 170 |
| 3.00 | 150 | 76 |
| 4.00 | 85 | 43 |
| 5.00 | 54 | 27 |

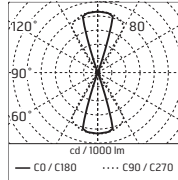
$\alpha = 2.0^\circ + 2.0^\circ$ $\beta = 21.0^\circ + 21.0^\circ$



Leo120 / Bidirectional - Medium Beam 35°

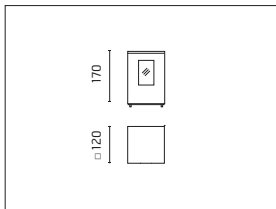


12316251 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast

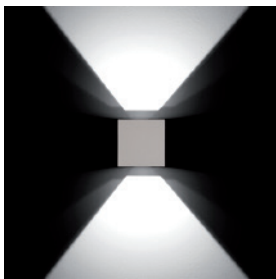


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 157 | 108 |
| 2.00 | 39 | 27 |
| 3.00 | 17 | 12 |
| 4.00 | 10 | 7 |
| 5.00 | 6 | 4 |

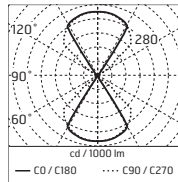
$\alpha = 17.0^\circ + 17.0^\circ$ $\beta = 32.0^\circ + 32.0^\circ$



Leo120 Power LED / Bidirectional - Wide Beam 65°

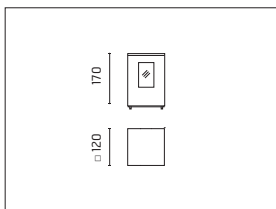


12316753 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 8,8W/220÷240V
 Total power 10,4W
 Lm LED 2x510± Lm OUTPUT 2x241
 CRI>80
 Integral electronic power supply



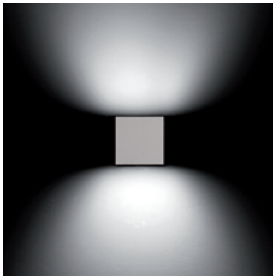
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 157 | 77 |
| 2.00 | 39 | 19 |
| 3.00 | 17 | 9 |
| 4.00 | 10 | 5 |
| 5.00 | 6 | 3 |

$\alpha = 33.0^\circ + 33.0^\circ$ $\beta = 48.0^\circ + 48.0^\circ$

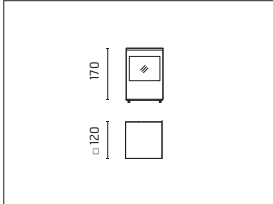
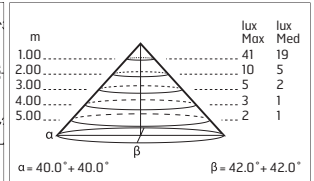
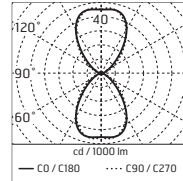


12316653 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 8,8W/220÷240V
 Total power 10,4W
 Lm LED 2x475 ± Lm OUTPUT 2x224
 CRI>80
 Integral electronic power supply

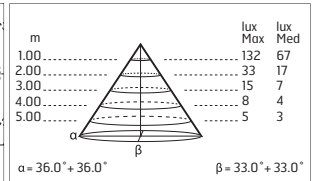
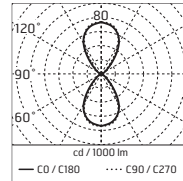
Leo120 / Bidirectional - Sandblasted Glass



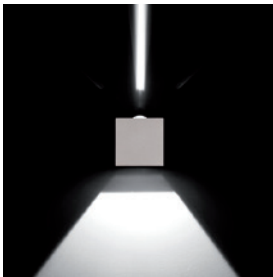
12316147 A 
 TC-TEL 13W GX24 q-1
 Electronic ballast




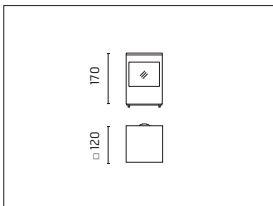
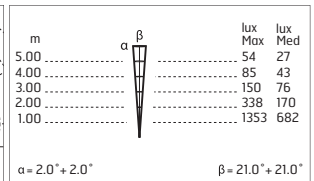
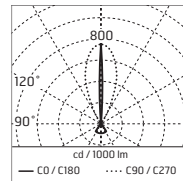
12316247 A A+ 
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 / Bidirectional - Combined: Narrow Beam 4° (Convex Lens) + Wide Beam 75°




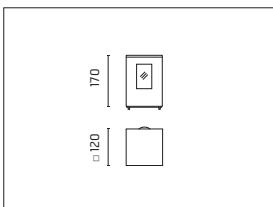
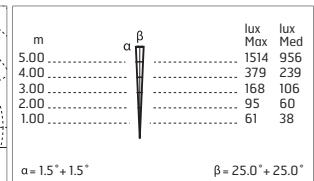
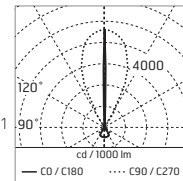
12316254 A A+ 
 HIT-TC-CE 20W GU6,5
 Electronic ballast




Leo120 Power LED / Bidirectional - Combined: Narrow Beam 3° (Convex Lens) + Wide Beam 65°

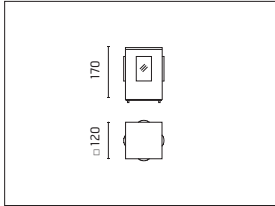
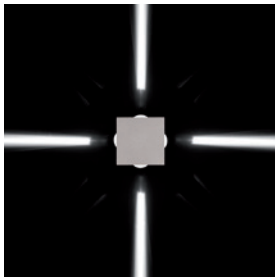



12316755 A A+ A++ 
 NATURAL WHITE 4000K
 POWER LEDs
 8,8W/220÷240V
 Total power 10,4W
 Lm LED 2x510 ≠ Lm OUTPUT 88+241
 CRI>80
 Integral electronic power supply

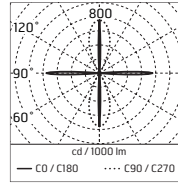


12316655 A A+ A++ 
 WARM WHITE 3000K
 POWER LEDs
 8,8W/220÷240V
 Total power 10,4W
 Lm LED 2x475 ≠ Lm OUTPUT 82+224
 CRI>80
 Integral electronic power supply

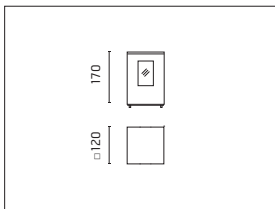
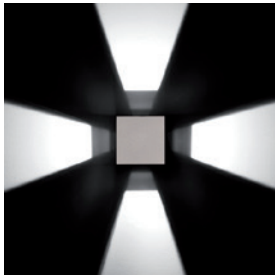
Leo120 / Omnidirectional - Narrow Beam 4° - Convex Lens



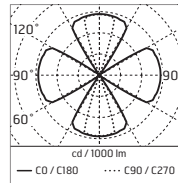
12316245 **A A+** 
 HIT-TC-CE 20W GU6,5
 Electronic ballast



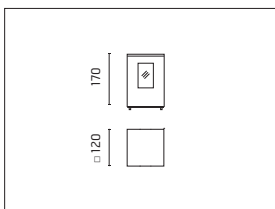
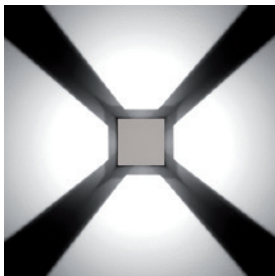
Leo120 / Omnidirectional - Medium Beam 35°



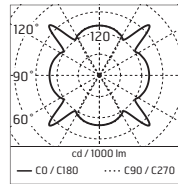
12316253 **A A+** 
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 Power LED / Omnidirectional - Wide Beam 65°

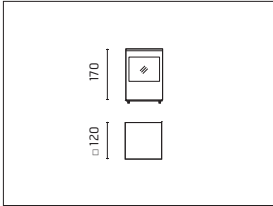
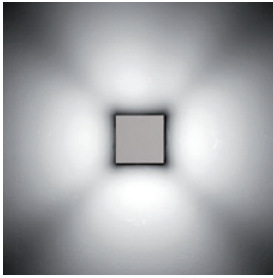


12317054 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220-240V
 Total power 18,6W
 Lm LED 4x510 ≠ Lm OUTPUT 4x241
 CRI>80
 Integral electronic power supply

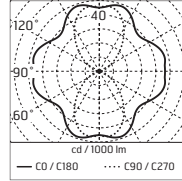


12316854 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220-240V
 Total power 18,6W
 Lm LED 4x475 ≠ Lm OUTPUT 4x224
 CRI>80
 Integral electronic power supply

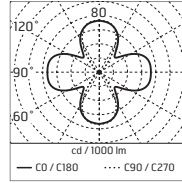
Leo120 / Omnidirectional - Sandblasted Glass



12316148 **A**
 TC-TEL 13W GX24 q-1
 Electronic ballast




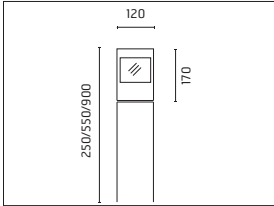
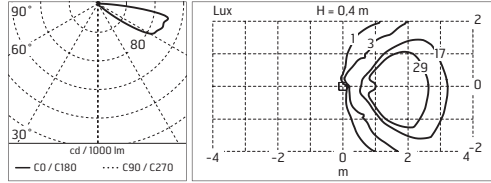
12316248 **A A+**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post / Unidirectional - Transparent Glass




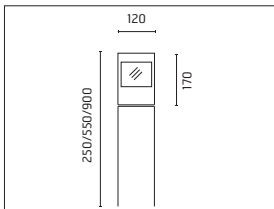
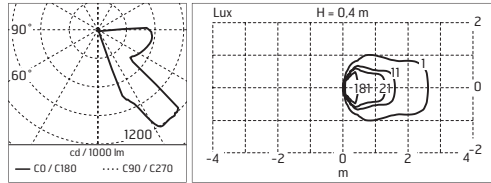
123162116 **A A+** 
 HIT-TC-CE 20W GU6,5
 Electronic ballast




Leo120 on post Power LED / Unidirectional - Transparent Glass




123234117 **A A+ A++** 
 NATURAL WHITE 4000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 510 ± Lm OUTPUT 185
 CRI>80
 Integral electronic power supply

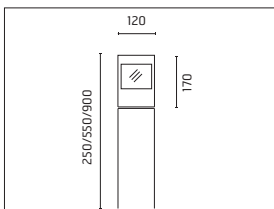
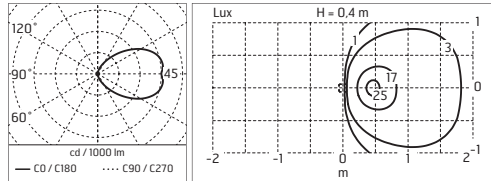


123235117 **A A+ A++** 
 WARM WHITE 3000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 475 ± Lm OUTPUT 172
 CRI>80
 Integral electronic power supply

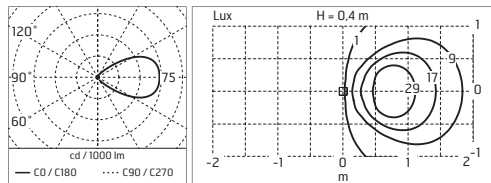
Leo120 on post / Unidirectional - Sandblasted Glass



12316146 **A** 
 TC-TEL 13W GX24 q-1
 Electronic ballast



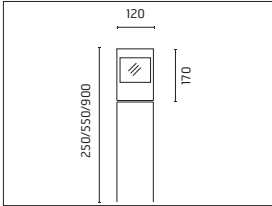
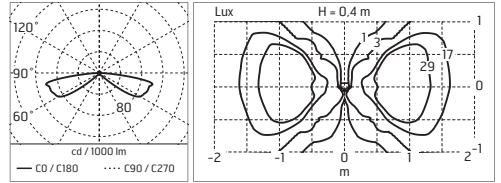
12316246 **A A+** 
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post / Bidirectional - Transparent Glass



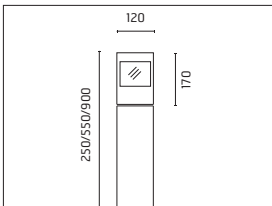
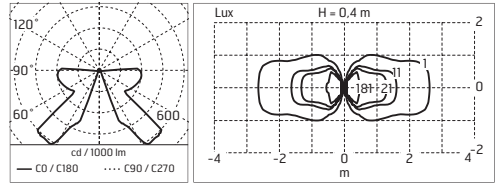
123162136 **A A⁺**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post Power LED / Bidirectional - Transparent Glass



123167137 **A A⁺ A⁺⁺**
 NATURAL WHITE 4000K
 POWER LEDs
 8,8W/220÷240V
 Total power 10,4W
 Lm LED 2x510 ≠ Lm OUTPUT 2x185
 CRI>80
 Integral electronic power supply

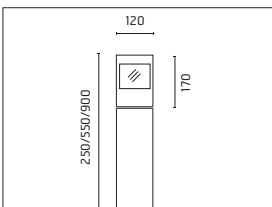
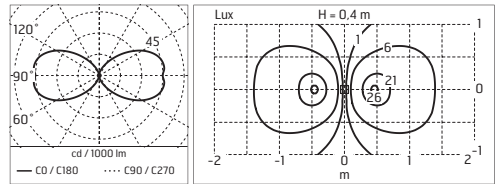


123166137 **A A⁺ A⁺⁺**
 WARM WHITE 3000K
 POWER LEDs
 8,8W/220÷240V
 Total power 10,4W
 Lm LED 2x475 ≠ Lm OUTPUT 2x172
 CRI>80
 Integral electronic power supply

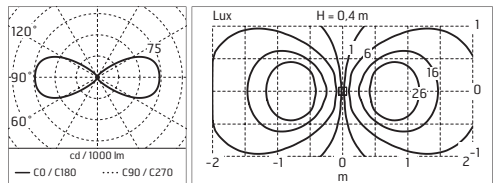
Leo120 on post / Bidirectional - Sandblasted Glass



12316147 **A**
 TC-TEL 13W GX24 q-1
 Electronic ballast



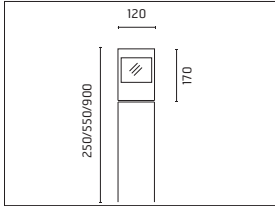
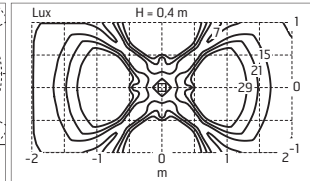
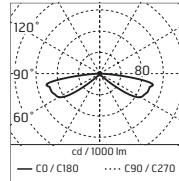
12316247 **A A⁺**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post / Omnidirectional - Transparent Glass



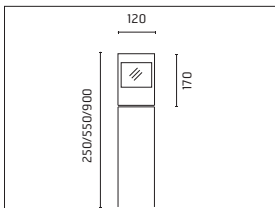
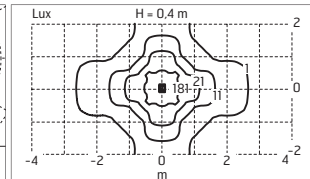
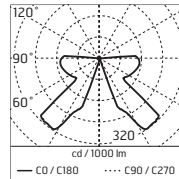
123162117 **A A⁺**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



Leo120 on post Power LED / Omnidirectional - Transparent Glass



123170118 **A A⁺ A⁺⁺**
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W/220-240V
 Total power 18,6W
 Lm LED 4x510 = Lm OUTPUT 4x185
 CRI>80
 Integral electronic power supply

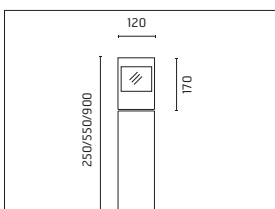
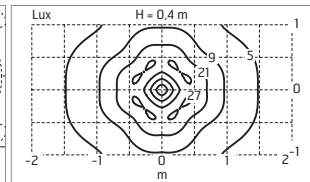
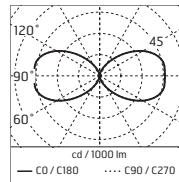


123168118 **A A⁺ A⁺⁺**
 WARM WHITE 3000K
 POWER LEDs
 17,6W/220-240V
 Total power 18,6W
 Lm LED 4x475 = Lm OUTPUT 4x172
 CRI>80
 Integral electronic power supply

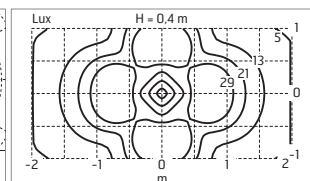
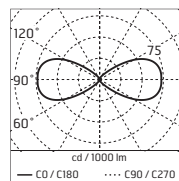
Leo120 on post / Omnidirectional - Sandblasted Glass



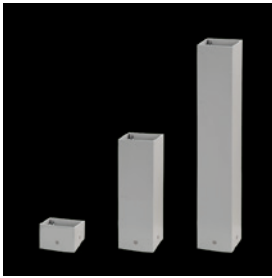
12316148 **A**
 TC-TEL 13W GX24 q-1
 Electronic ballast



12316248 **A A⁺**
 HIT-TC-CE 20W GU6,5
 Electronic ballast



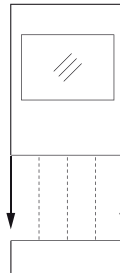
Leo120 on post / Poles



12325
H. 80 mm

12355
H. 380 mm

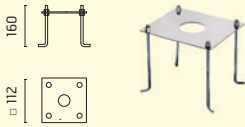
12390
H. 730 mm



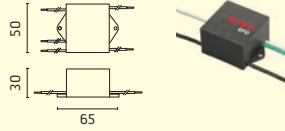
Top installation on pole

Accessories: Leo120 - Leo120 on post

130
BASE PLATE AND FIXING BOLTS
112 x 112 x H 160mm



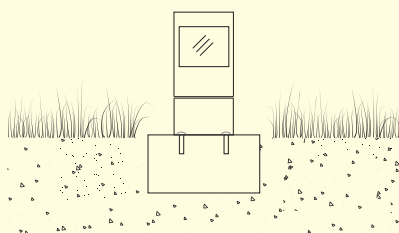
237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



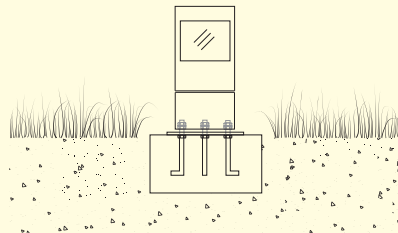
| acc. code ▶ | 130 | 237 |
|-------------|-----|-----|
| 12316146 | | |
| 12316147 | | |
| 12316148 | | |
| 12316243 | | |
| 12316244 | | |
| 12316245 | | |
| 12316246 | | |
| 12316247 | | |
| 12316248 | | |
| 12316250 | | |
| 12316251 | | |
| 12316253 | | |
| 12316254 | | |
| 12316644 | | ● |
| 12316652 | | ● |
| 12316653 | | ● |
| 12316655 | | ● |
| 12316744 | | ● |
| 12316752 | | ● |
| 12316755 | | ● |
| 12316853 | | ● |
| 12316854 | | ● |
| 12317054 | | ● |

| acc. code ▶ | 130 | 237 |
|-------------|-----|-----|
| 123162116 | | |
| 123162117 | | |
| 123162136 | | |
| 123166137 | | ● |
| 123167137 | | ● |
| 123168118 | | ● |
| 123170118 | | ● |
| 123234117 | | ● |
| 123235117 | | ● |
| 12325 | ● | |
| 12355 | ● | |
| 12390 | ● | |

Correct Fixing Method
Bollard fixed on plint +
suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground



LEO 160

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: lens or transparent or sandblasted glass fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through two cable holders (8mm\times13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes



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



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



FLUORESCENT VERSION:
Class A
TC-TEL/GX24q-3



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



The fitting is equipped with 2 cable input








Protection against impact.
IK 05 - 7,00 joule



LEO 160 ON POST

- Luminaire for installation on post – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium post. Glass diffuser: transparent or sandblasted fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through two cable holders (8mm\times13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

EU Regulation 874/2012 - Illumination equipment energy classes

| | |
|---|---|
|  | LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced |
|  | |
|  | |
|  | METAL HALIDE VERSION: Class A+ HIT-CE/G12 |
|  | FLUORESCENT VERSION: Class A TC-TEL/Gx24q-3 |



Bollard light



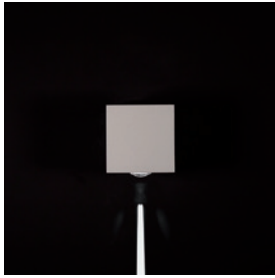
The fitting is equipped with 2 cable input



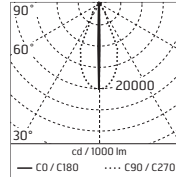
Protection against impact.
IK 05 - 7,00 joule



Leo160 Power LED / Unidirectional - Narrow Beam 2° - Convex Lens

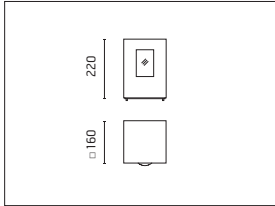


12324044 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 6,2W/110÷240V
 Total power 9,8W
 Lm LED 663 ≈ Lm OUTPUT 129
 CRI>80
 Integral electronic power supply



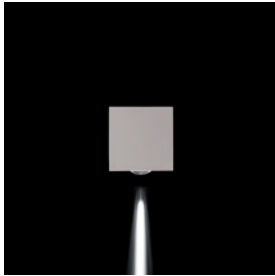
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 2542 | 1639 |
| 2.00 | 635 | 410 |
| 3.00 | 282 | 182 |
| 4.00 | 159 | 102 |
| 5.00 | 102 | 66 |

$\alpha = 1.0^\circ + 1.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

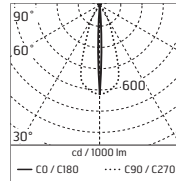


12324144 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 6,2W/110÷240V
 Total power 9,8W
 Lm LED 617 ≈ Lm OUTPUT 120
 CRI>80
 Integral electronic power supply

Leo160 / Unidirectional - Narrow Beam 4° - Convex Lens

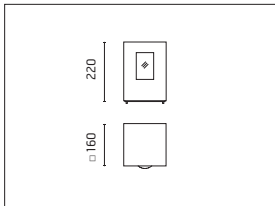


1233543 **A+** 
 HIT-CE 35W G12
 Electronic ballast

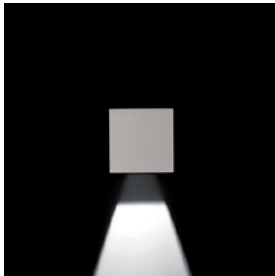



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 2333 | 1530 |
| 2.00 | 583 | 382 |
| 3.00 | 259 | 170 |
| 4.00 | 146 | 96 |
| 5.00 | 93 | 61 |

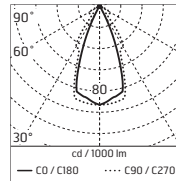
$\alpha = 2.0^\circ + 2.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



Leo160 / Unidirectional - Medium Beam 40°

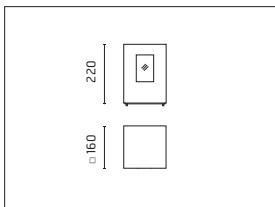


1233550 **A+** 
 HIT-CE 35W G12
 Electronic ballast

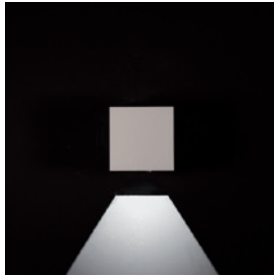


| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 316 | 209 |
| 2.00 | 79 | 52 |
| 3.00 | 35 | 23 |
| 4.00 | 20 | 13 |
| 5.00 | 13 | 8 |

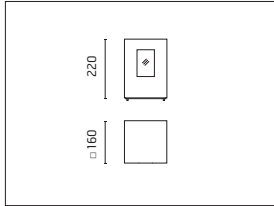
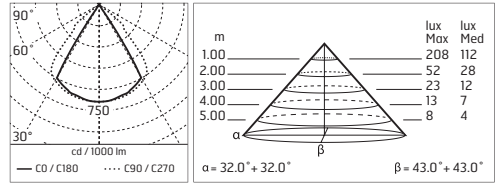
$\alpha = 21.0^\circ + 21.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$



Leo160 Power LED / Unidirectional - Wide Beam 65°

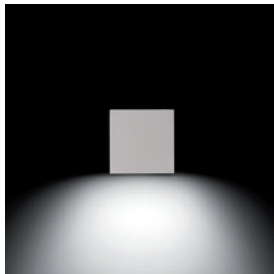


12324052 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 6,2W/110÷240V
 Total power 9,8W
 Lm LED 663 ≠ Lm OUTPUT 297
 CRI>80
 Integral electronic power supply

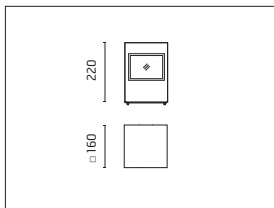
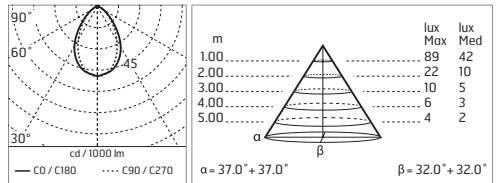



12324152 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 6,2W/110÷240V
 Total power 9,8W
 Lm LED 617 ≠ Lm OUTPUT 276
 CRI>80
 Integral electronic power supply

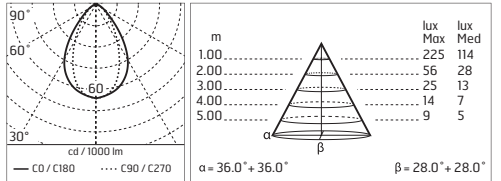
Leo160 / Unidirectional - Sandblasted Glass



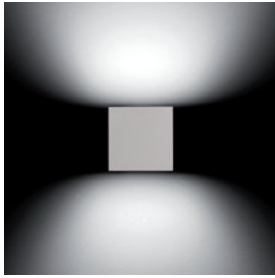
1239846 **A** 
 TC-TEL 26W GX24 q-3
 Electronic ballast



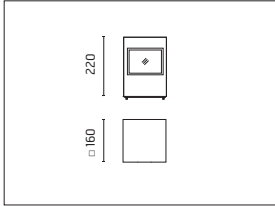
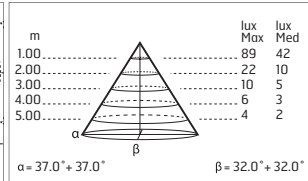
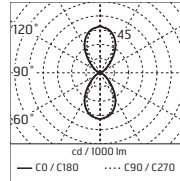
1233546 **A+** 
 HIT-CE 35W G12
 Electronic ballast



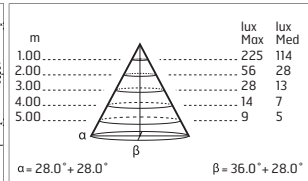
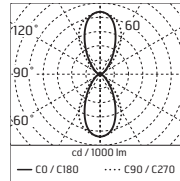
Leo160 / Bidirectional - Sandblasted Glass



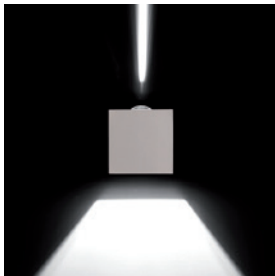
1239847 A
TC-TEL 26W GX24 q-3
Electronic ballast



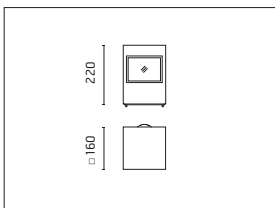
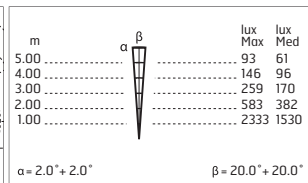
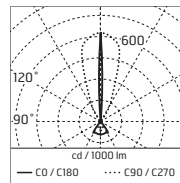
1233547 A+
HIT-CE 35W G12
Electronic ballast



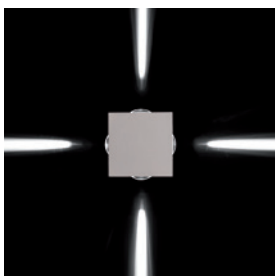
Leo160 / Bidirectional - Combined: Narrow Beam 4° (Convex Lens) + Wide Beam 75°



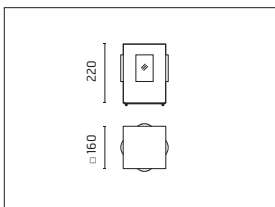
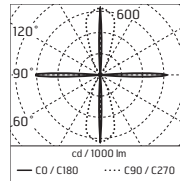
1233554 A+
HIT-CE 35W G12
Electronic ballast



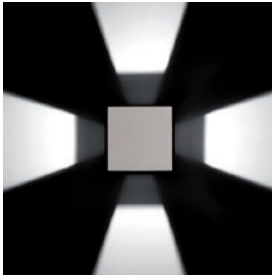
Leo160 / Omnidirectional - Narrow Beam 4° - Convex Lens



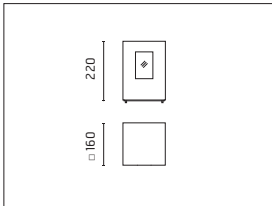
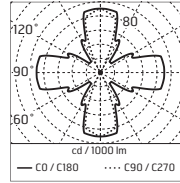
1233545 A+
HIT-CE 35W G12
Electronic ballast



Leo160 / Omnidirectional - Medium Beam 40°



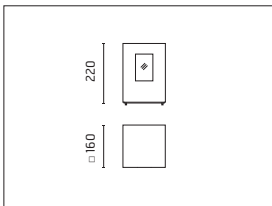
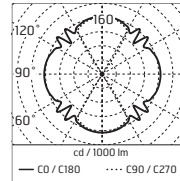
1233553 A⁺
 HIT-CE 35W G12
 Electronic ballast



Leo160 Power LED / Omnidirectional - Wide Beam 65°

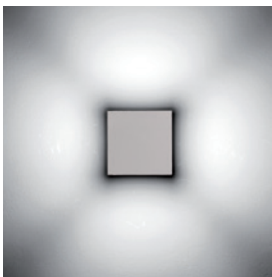


12324354 A A⁺ A⁺⁺
 NATURAL WHITE 4000K
 POWER LEDs
 24,8W/110÷240V
 Total power 28,6W
 Lm LED 4x663 ≠ Lm OUTPUT 4x297
 CRI>80
 Integral electronic power supply

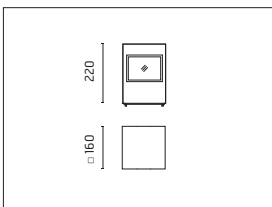
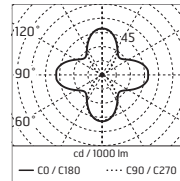


12324454 A A⁺ A⁺⁺
 WARM WHITE 3000K
 POWER LEDs
 24,8W/110÷240V
 Total power 28,6W
 Lm LED 4x617 ≠ Lm OUTPUT 4x276
 CRI>80
 Integral electronic power supply

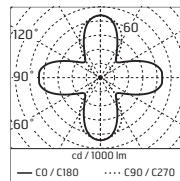
Leo160 / Omnidirectional - Sandblasted Glass

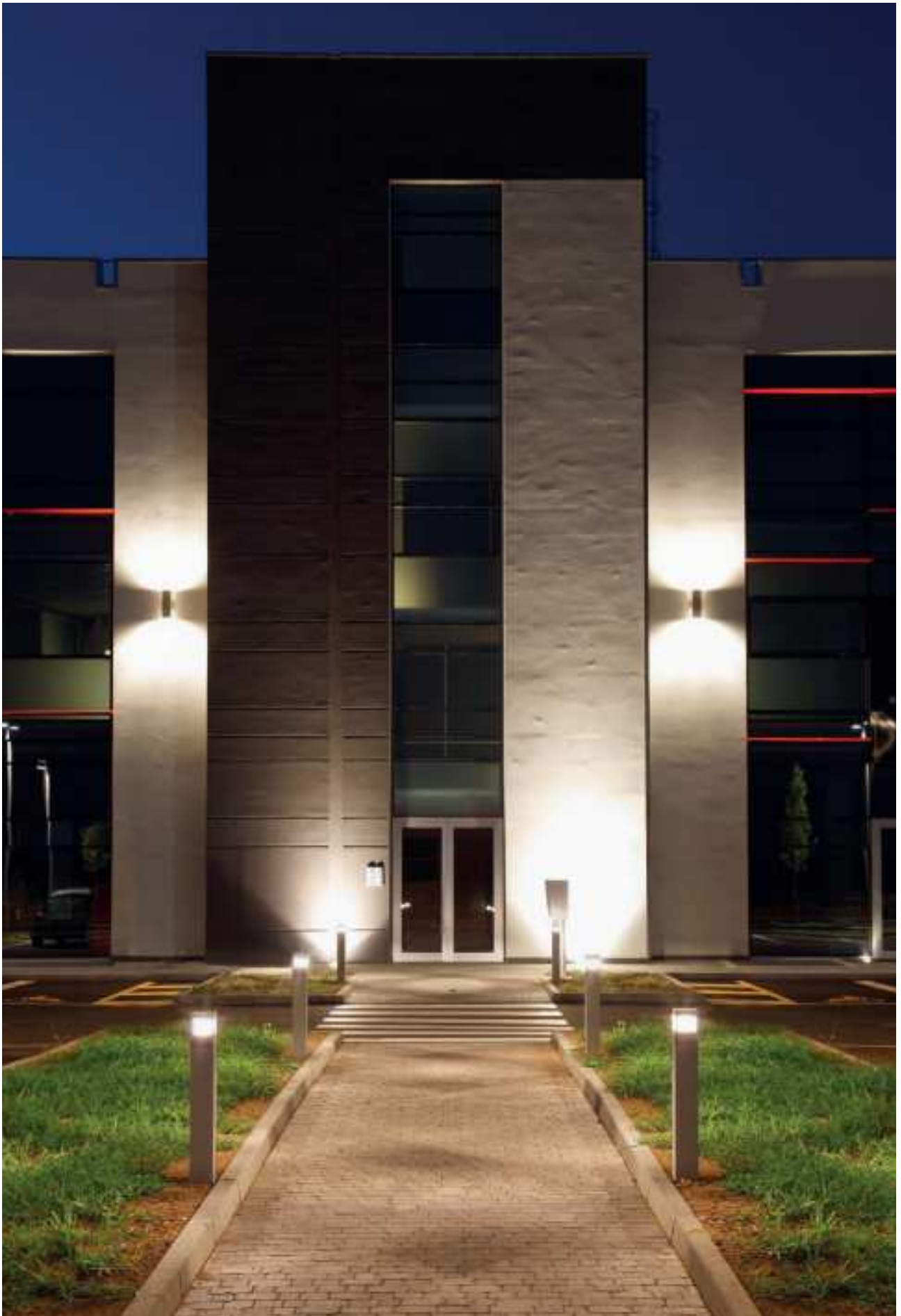


1239848 A
 TC-TEL 26W GX24 q-3
 Electronic ballast



1233548 A⁺
 HIT-CE 35W G12
 Electronic ballast

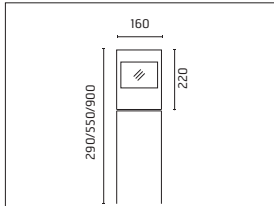
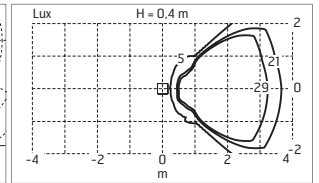
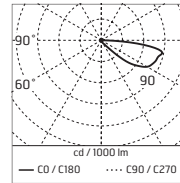




Leo160 on post / Unidirectional - Transparent Glass



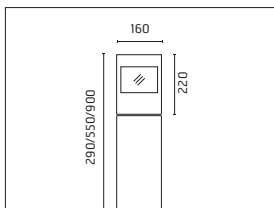
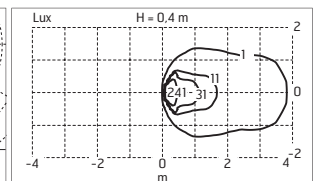
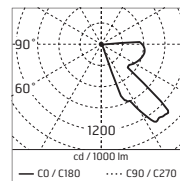
12335116 **A+**
HIT-CE 35W G12
Electronic ballast



Leo160 on post Power LED / Unidirectional - Transparent Glass



123240117 **A A+ A++**
NATURAL WHITE 4000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 663 ≠ Lm OUTPUT 240
CRI>80
Integral electronic power supply

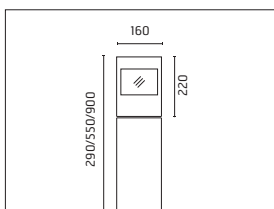
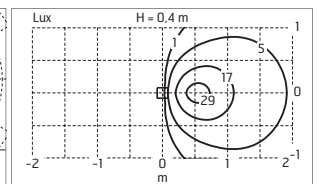
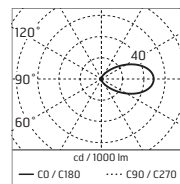


123241117 **A A+ A++**
WARM WHITE 3000K
POWER LED
6,2W/110÷240V
Total power 9,8W
Lm LED 617 ≠ Lm OUTPUT 223
CRI>80
Integral electronic power supply

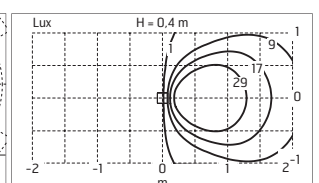
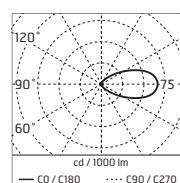
Leo160 on post / Unidirectional - Sandblasted Glass



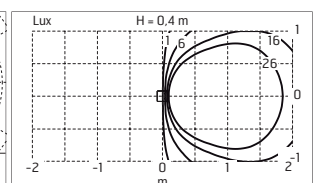
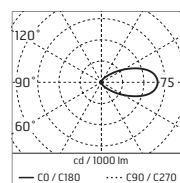
1239846 **A**
TC-TEL 26W GX24 q-3
Electronic ballast



1233546 **A+**
HIT-CE 35W G12
Electronic ballast



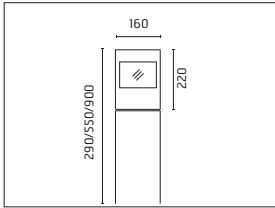
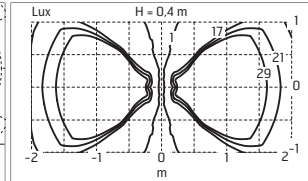
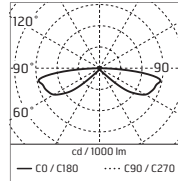
1237146 **A+**
HIT-CE 70W G12
Electronic ballast



Leo160 on post / Bidirectional - Transparent Glass



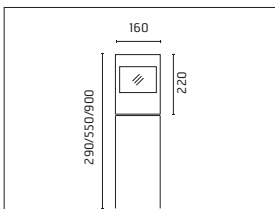
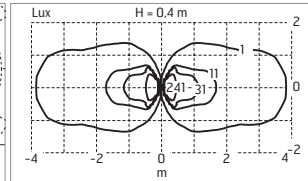
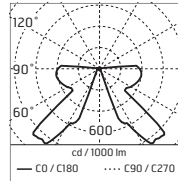
12335136 **A⁺**
 HIT-CE 35W G12
 Electronic ballast



Leo160 on post Power LED / Bidirectional - Transparent Glass



123240137 **A⁺ A⁺ A⁺⁺**
 NATURAL WHITE 4000K
 POWER LEDs
 12,4W/110÷240V
 Total power 16W
 Lm LED 2x663 ≈ Lm OUTPUT 2x240
 CRI>80
 Integral electronic power supply

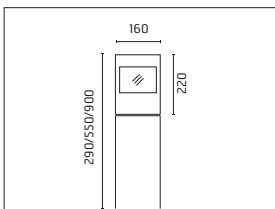
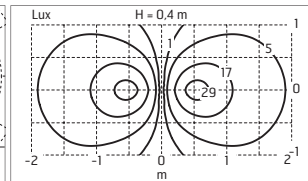
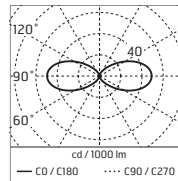


123241137 **A⁺ A⁺ A⁺⁺**
 WARM WHITE 3000K
 POWER LEDs
 12,4W/110÷240V
 Total power 16W
 Lm LED 2x617 ≈ Lm OUTPUT 2x223
 CRI>80
 Integral electronic power supply

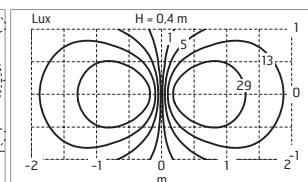
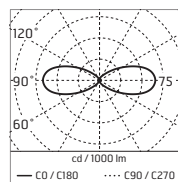
Leo160 on post / Bidirectional - Sandblasted Glass



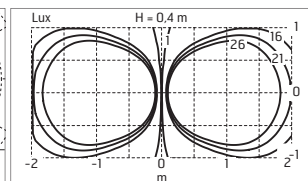
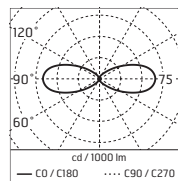
1239847 **A**
 TC-TEL 26W GX24 q-3
 Electronic ballast



1233547 **A⁺**
 HIT-CE 35W G12
 Electronic ballast



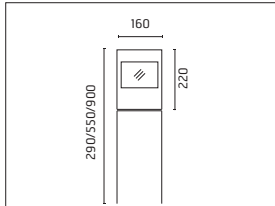
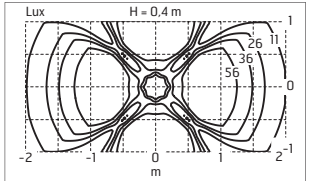
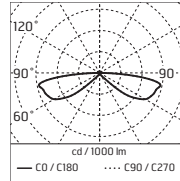
1237147 **A⁺**
 HIT-CE 70W G12
 Electronic ballast



Leo160 on post / Omnidirectional - Transparent Glass



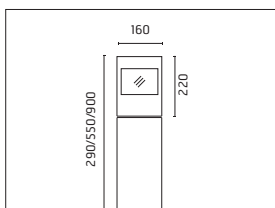
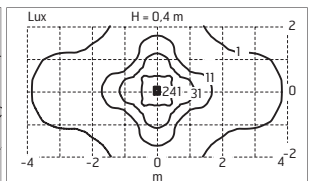
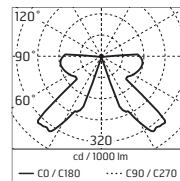
12335117 A+
HIT-CE 35W G12
Electronic ballast



Leo160 on post Power LED / Omnidirectional - Transparent Glass



123243118 A A+ A++
NATURAL WHITE 4000K
POWER LEDs
24,8W/110÷240V
Total power 28,6W
Lm LED 4x663± Lm OUTPUT 4x240
CRI>80
Integral electronic power supply

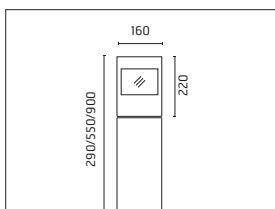
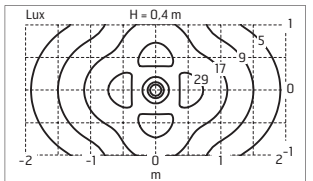
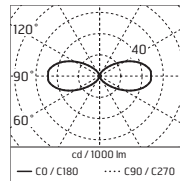


123244118 A A+ A++
WARM WHITE 3000K
POWER LEDs
24,8W/110÷240V
Total power 28,6W
Lm LED 4x617± Lm OUTPUT 4x223
CRI>80
Integral electronic power supply

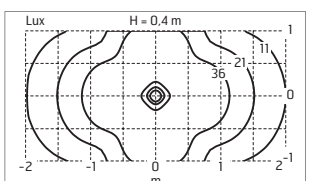
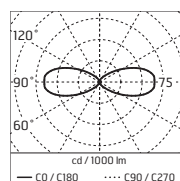
Leo160 on post / Omnidirectional - Sandblasted Glass



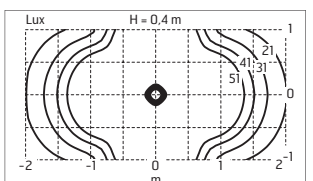
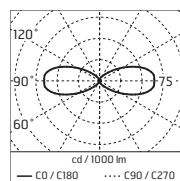
1239848 A
TC-TEL 26W GX24 q-3
Electronic ballast



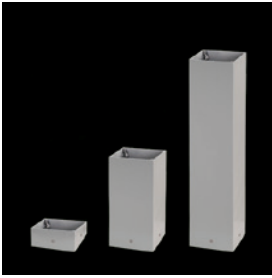
1233548 A+
HIT-CE 35W G12
Electronic ballast



1237148 A+
HIT-CE 70W G12
Electronic ballast



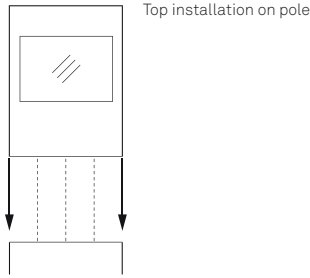
Leo160 on post / Poles



12425
H. 70 mm

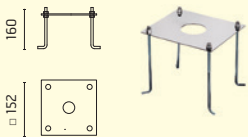
12455
H. 330 mm

12490
H. 680 mm

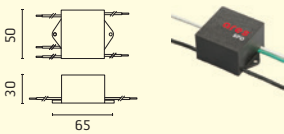


Accessories: Leo160 - Leo160 on post

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 5A
SUITABLE FOR SERIES CONNECTION - IP66

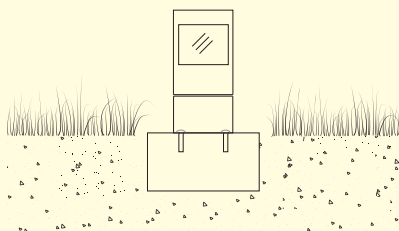


| acc. code ▶ | 131 | 237 |
|--------------|-----|-----|
| prod. code ▼ | | |
| 1233543 | | |
| 1233545 | | |
| 1233546 | | |
| 1233547 | | |
| 1233548 | | |
| 1233550 | | |
| 1233553 | | |
| 1233554 | | |
| 1237146 | | |
| 1237147 | | |
| 1237148 | | |
| 1239847 | | |
| 1239848 | | |
| 12324044 | | ● |
| 12324052 | | ● |
| 12324144 | | ● |
| 12324152 | | ● |

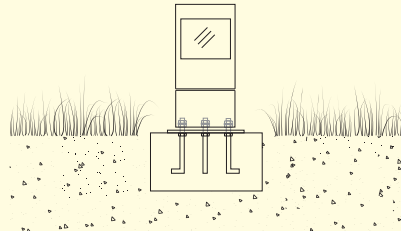
| acc. code ▶ | 131 | 237 |
|--------------|-----|-----|
| prod. code ▼ | | |
| 12324354 | | ● |
| 12324454 | | ● |
| 12335116 | | |
| 12335117 | | |
| 12335136 | | |
| 123240117 | | ● |
| 123240137 | | ● |
| 123241117 | | ● |
| 123241137 | | ● |
| 123243118 | | ● |
| 123244118 | | ● |

| acc. code ▶ | 131 | 237 |
|--------------|-----|-----|
| prod. code ▼ | | |
| 12425 | ● | |
| 12455 | ● | |
| 12490 | ● | |

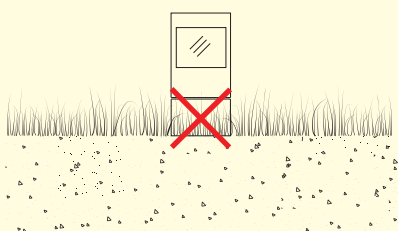
Correct Fixing Method
Bollard fixed on plint +
suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground











- Luminaire for installation on wall – surface mounted.
- 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 aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through two cable holders (8mm\times13mm 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 that cannot be replaced</p> <p>FLUORESCENT VERSION: Class A TC-DEL/G24q-2</p> |
|--|---|



Wall fitting

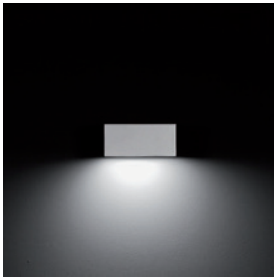


The fitting is equipped with 2 cable input.

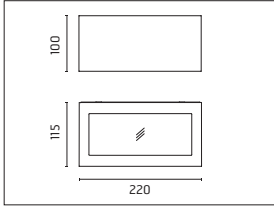
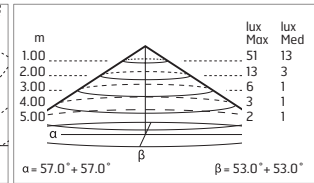
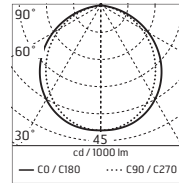


Protection against impact.
IK 09 - 10,00 joule

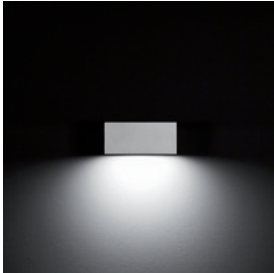
Midna / Unidirectional



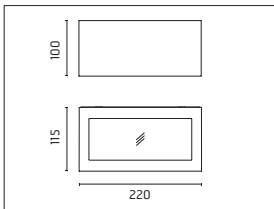
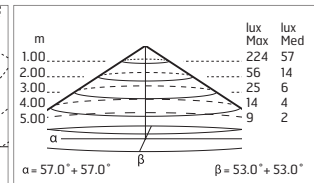
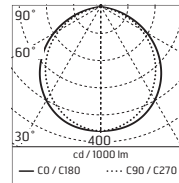
529001 A
 TC-DEL 18W G24q-2
 Electronic ballast



Midna Mid-Power LED / Unidirectional

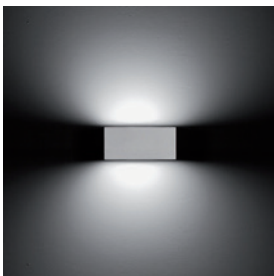


529003 A A+ A++
 NATURAL WHITE 4000K
 MID-POWER LEDs
 8,8W/220-240V
 Total power 12W
 Lm LED 1258 ≈ Lm OUTPUT 602
 CRI>80
 Integral electronic power supply

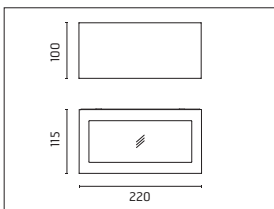
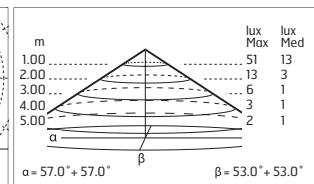
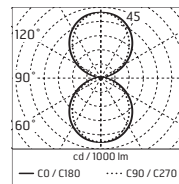


529004 A A+ A++
 WARM WHITE 3000K
 MID-POWER LEDs
 8,8W/220-240V
 Total power 12W
 Lm LED 1198 ≈ Lm OUTPUT 573
 CRI>80
 Integral electronic power supply

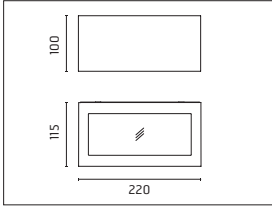
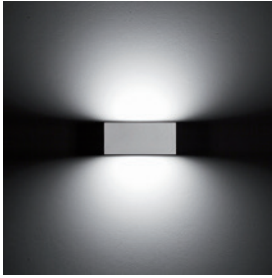
Midna / Bidirectional



529005 A
 TC-DEL 18W G24q-2
 Electronic ballast

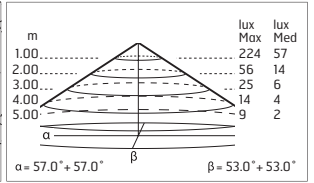
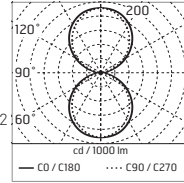


Midna Mid-Power LED / Bidirectional



529007 A A+ A++

NATURAL WHITE 4000K
MID-POWER LEDs
17,6W/220-240V
Total power 18W
Lm LED 2x1258 ≠ Lm OUTPUT 2x602
CRI>80
Integral electronic power supply



529008 A A+ A++

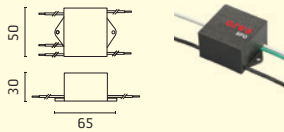
WARM WHITE 3000K
MID-POWER LEDs
17,6W/220-240V
Total power 18W
Lm LED 2x1198 ≠ Lm OUTPUT 2x573
CRI>80
Integral electronic power supply



Accessories: Midna

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66








| acc. code | ▶ | 237 |
|------------|---|-----|
| prod. code | ▼ | |
| 529001 | | |
| 529003 | | ● |
| 529004 | | ● |
| 529005 | | |
| 529007 | | ● |
| 529008 | | ● |



- Luminaire for installation on wall – surface mounted.
- Configuration: polycarbonate structure and die-cast aluminium cover and base (MaxiMelrie only), 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 that 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 that have been sandblasted 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: Melrie: II; MaxiMelrie: I
- Installation: Melrie: wiring through two rubber cable holders (5mm\times10mm cables); MaxiMelrie: wiring through two rubber cable holders (8mm\times13mm 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 that cannot be replaced</p> <p>FLUORESCENT VERSION: Class A TC-DEL/G24q-1 TC-DEL/G24q-3</p> <p>HALOGEN VERSION: Class D QT26/E14</p> |
|---|---|



Wall fitting



The fitting is equipped with 2 cable input

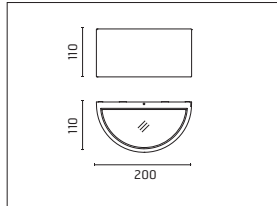
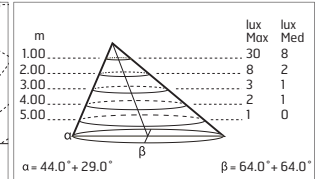
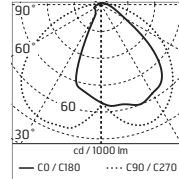


Protection against impact.
IK 09 - 10,00 joule

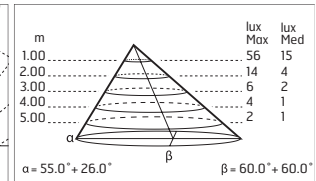
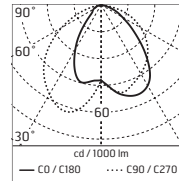
Melrie / Unidirectional



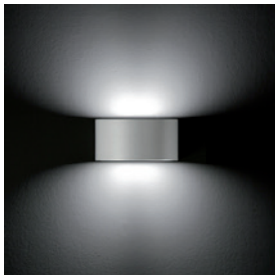
481121
QT 26 40W E14



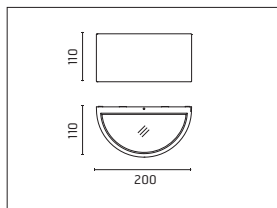
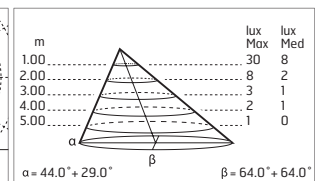
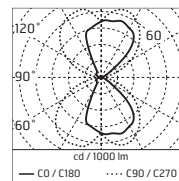
485721
TC-DEL 13W G24q-1
Electronic ballast



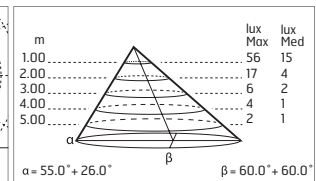
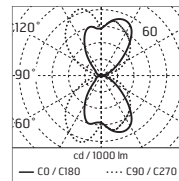
Melrie / Bidirectional



481122
QT 26 40W E14



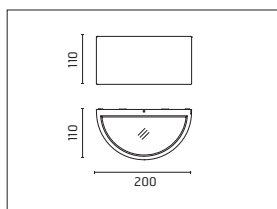
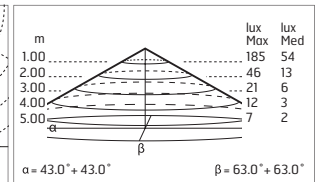
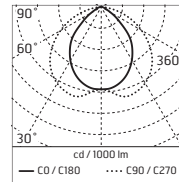
485722
TC-DEL 13W G24q-1
Electronic ballast



Melrie Mid-Power LED / Unidirectional

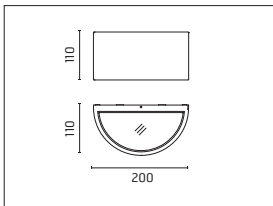


483001
NATURAL WHITE 4000K
MID-POWER LEDs
5,5W/220÷240V
Total power 8W
Lm LED 806 \approx Lm OUTPUT 510
CRI>80
Integral electronic power supply



483002
WARM WHITE 3000K
MID-POWER LEDs
5,5W/220÷240V
Total power 8W
Lm LED 768 \approx Lm OUTPUT 486
CRI>80
Integral electronic power supply

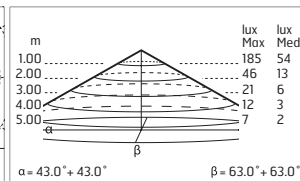
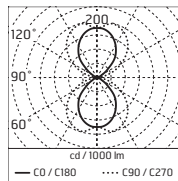
Melrie Mid-Power LED / Bidirectional



483003 **A A+ A++**

NATURAL WHITE 4000K
 MID-POWER LEDs
 11W/220÷240V
 Total power 14W
 Lm LED 2x806 ≠ Lm OUTPUT 2x510
 CRI>80

Integral electronic power supply



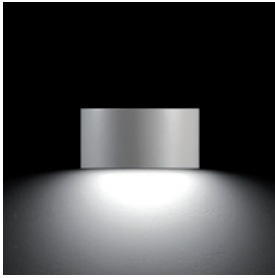
483004 **A A+ A++**

WARM WHITE 3000K
 MID-POWER LEDs
 11W/220÷240V
 Total power 14W
 Lm LED 2x768 ≠ Lm OUTPUT 2x486
 CRI>80

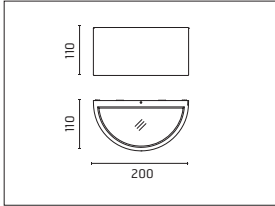
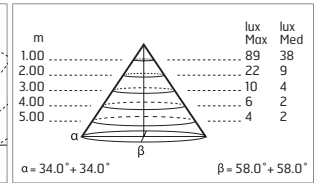
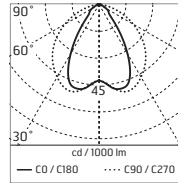
Integral electronic power supply



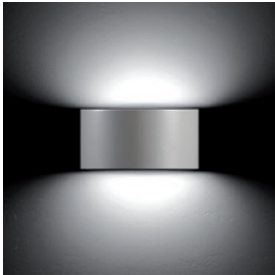
MaxiMelrie / Unidirectional



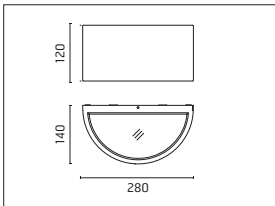
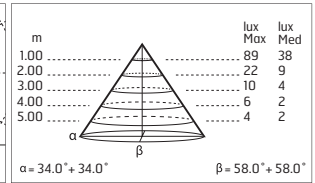
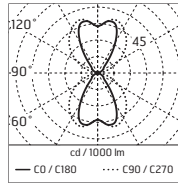
486121
TC-DEL 26W G24q-3
Electronic ballast



MaxiMelrie / Bidirectional



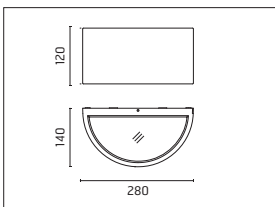
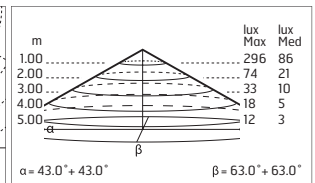
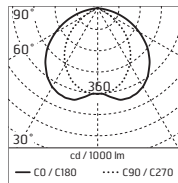
486122
TC-DEL 26W G24q-3
Electronic ballast



MaxiMelrie Mid-Power LED / Unidirectional

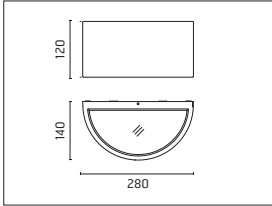
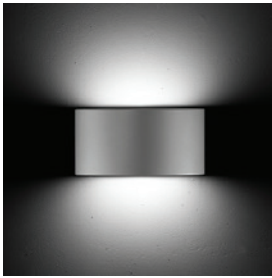


4827421
NATURAL WHITE 4000K
MID-POWER LEDs
8,8W/220÷240V
Total power 12W
Lm LED 1291 \approx Lm OUTPUT 817
CRI>80
Integral electronic power supply



4827521
WARM WHITE 3000K
MID-POWER LEDs
8,8W/220÷240V
Total power 12W
Lm LED 1230 \approx Lm OUTPUT 778
CRI>80
Integral electronic power supply

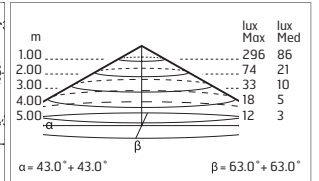
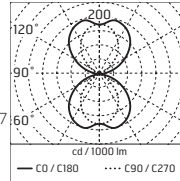
MaxiMelrie Mid-Power LED / Bidirectional



4827422 A+ A+ A++

NATURAL WHITE 4000K
MID-POWER LEDs
17,6W/220÷240V
Total power 18W
Lm LED 2x1291 ≠ Lm OUTPUT 2x817
CRI>80

Integral electronic power supply



4827522 A+ A+ A++

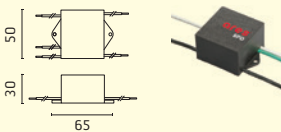
WARM WHITE 3000K
MID-POWER LEDs
17,6W/220÷240V
Total power 18W
Lm LED 2x1230 ≠ Lm OUTPUT 2x778
CRI>80

Integral electronic power supply



Accessories: Melrie

237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66



| acc. code | 237 |
|------------|-----|
| prod. code | |
| 483001 | ● |
| 483002 | ● |
| 483003 | ● |
| 483004 | ● |
| 481121 | |
| 485721 | |
| 481122 | |
| 485722 | |
| 486121 | |
| 486122 | |
| 4827421 | ● |
| 4827521 | ● |
| 4827422 | ● |
| 4827522 | ● |



EMMA 70






EMMA 110

EMMA 150




EMMA 70

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: IP54.
- In compliance with EN 60598-1 standards.
- Class of insulation: mains: I; dichroic bulb and LED module: II.
- Installation: wiring through one cable holder (5mm\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 that cannot be replaced |
|  | |
|  | |
|  | HALOGEN VERSION: Class B QR.CBC51/GU5,3 |
|  | HALOGEN VERSION: Class D QPARCBC51/GZ10 |

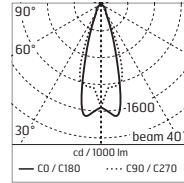
| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| .1 White | .6 Grey | .3 Anthracite | .4 Black | .18 Deep Brown |

| | | | |
|---|--|---|--|
|  | Wall fitting |  | The fitting is equipped with 1 cable input |
|  | Protection against impact. IK 06 - 1,00 joule | | |

Emma70 / Unidirectional



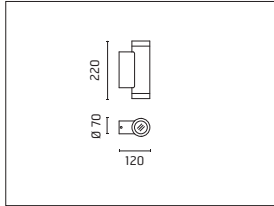
1163321
 QR CBC 51 35W
 230-240V GU5,3
 Integral electronic transformer



| m | lux | |
|------|------|-----|
| | Max | Med |
| 1.00 | 1247 | 730 |
| 2.00 | 312 | 182 |
| 3.00 | 139 | 81 |
| 4.00 | 78 | 46 |
| 5.00 | 50 | 29 |

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

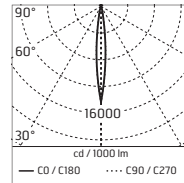
1162821
 PAR 16 50W/230V GZ10



Emma70 Power LED / Unidirectional - Narrow Beam 10°



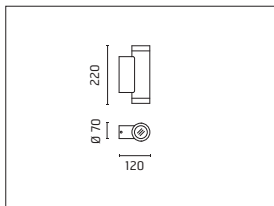
11617212
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 342 ≠ Lm OUTPUT 307
 CRI>80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4850 | 2964 |
| 2.00 | 1213 | 741 |
| 3.00 | 539 | 329 |
| 4.00 | 303 | 185 |
| 5.00 | 194 | 119 |

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

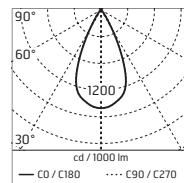
1165612
 WARM WHITE 3000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 321 ≠ Lm OUTPUT 288
 CRI>80
 Integral electronic power supply



Emma70 Power LED / Unidirectional - Wide Beam 50°



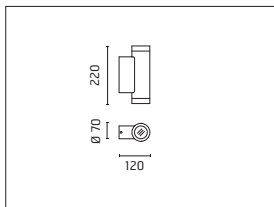
11617221
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 342 ≠ Lm OUTPUT 243
 CRI>80
 Integral electronic power supply



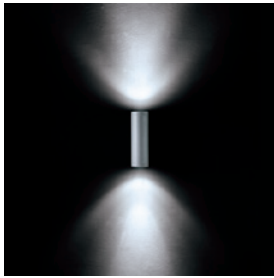
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 358 | 212 |
| 2.00 | 89 | 53 |
| 3.00 | 40 | 24 |
| 4.00 | 22 | 13 |
| 5.00 | 14 | 8 |

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

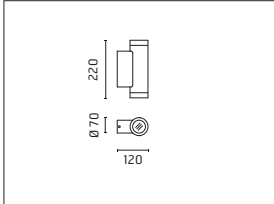
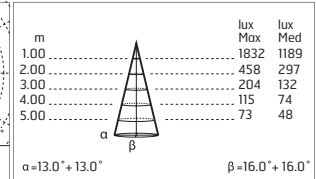
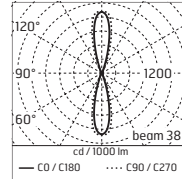
1165621
 WARM WHITE 3000K
 POWER LEDs
 3,3W/110÷240V
 Total power 5,5W
 Lm LED 321 ≠ Lm OUTPUT 228
 CRI>80
 Integral electronic power supply



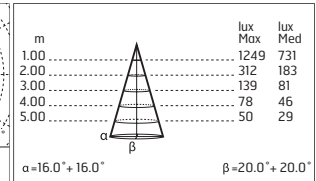
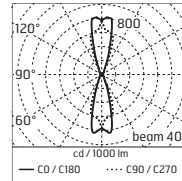
Emma70 / Bidirectional



1163342
 QR CBC 51 2x35W
 230-240V GU5,3
 Integral electronic transformer



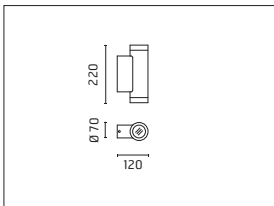
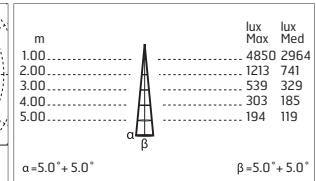
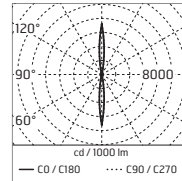
1162842
 PAR 16 2x50W/230V GZ10



Emma70 Power LED / Bidirectional - Narrow Beam 10°

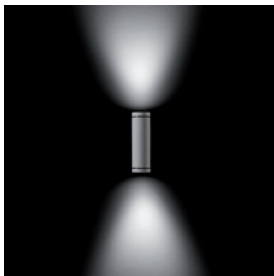


116172113
 NATURAL WHITE 4000K
 POWER LEDs
 6,6W/110÷240V
 Total power 10W
 Lm LED 2x342 ≠ Lm OUTPUT 2x307
 CRI>80
 Integral electronic power supply

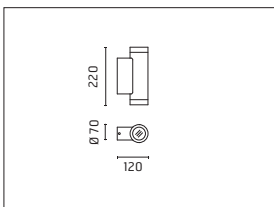
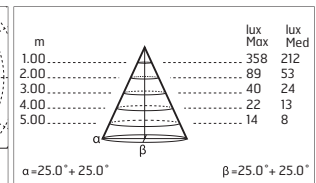
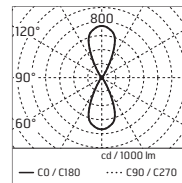


11656113
 WARM WHITE 3000K
 POWER LEDs
 6,6W/110÷240V
 Total power 10W
 Lm LED 2x321 ≠ Lm OUTPUT 2x288
 CRI>80
 Integral electronic power supply

Emma70 Power LED / Bidirectional - Wide Beam 50°



11617242
 NATURAL WHITE 4000K
 POWER LEDs
 6,6W/110÷240V
 Total power 10W
 Lm LED 2x342 ≠ Lm OUTPUT 2x243
 CRI>80
 Integral electronic power supply



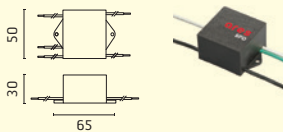
1165642
 WARM WHITE 3000K
 POWER LEDs
 6,6W/110÷240V
 Total power 10W
 Lm LED 2x321 ≠ Lm OUTPUT 2x228
 CRI>80
 Integral electronic power supply



Accessories: Emma70

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66









| acc. code ▶ | 237 |
|--------------|-----|
| prod. code ▼ | |
| 1162821 | |
| 1162842 | |
| 1163321 | |
| 1163342 | |
| 1165612 | ● |
| 1165621 | ● |
| 1165642 | ● |
| 11617212 | ● |
| 11617221 | ● |
| 11617242 | ● |
| 11656113 | ● |
| 116172113 | ● |

EMMA 110

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through two cable holders (8mm<math>< \lt; 12\text{mm}</math> 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.

EU Regulation 874/2012 - Illumination equipment energy classes

| | |
|---|---|
|  | LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced |
|  | |
|  | |
|  | HALOGEN VERSION: Class A/A+ |
|  | HIT-TC-CE/G8,5 |
|  | HALOGEN VERSION: Class D QPAR/E27 |



Wall fitting



The fitting is equipped with 2 cable input

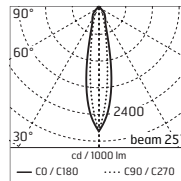


Protection against impact.
IK 05 - 0,70 joule

Emma110 / Unidirectional

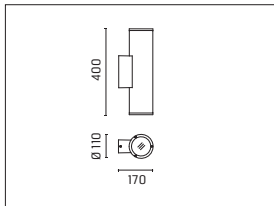


1170121 **D**
QPAR 50W E27



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 971 | 545 |
| 2.00 | 243 | 136 |
| 3.00 | 109 | 61 |
| 4.00 | 61 | 34 |
| 5.00 | 39 | 22 |

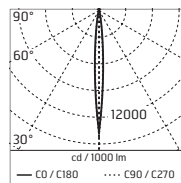
$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$



Emma110 / Unidirectional - Narrow Beam 10°

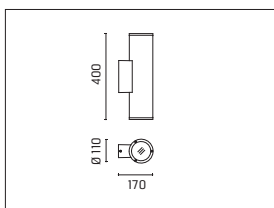


1176612 **A A+**
HIT-TC-CE 20W G8.5
Electronic ballast



| m | lux | |
|------|-------|-------|
| | Max | Med |
| 1.00 | 23238 | 14073 |
| 2.00 | 5810 | 3518 |
| 3.00 | 2582 | 1564 |
| 4.00 | 1452 | 880 |
| 5.00 | 930 | 563 |

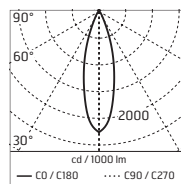
$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$



Emma110 / Unidirectional - Medium Beam 30°

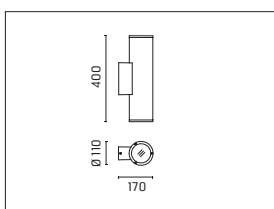


1176621 **A A+**
HIT-TC-CE 20W G8.5
Electronic ballast



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 3737 | 2261 |
| 2.00 | 934 | 565 |
| 3.00 | 415 | 251 |
| 4.00 | 234 | 141 |
| 5.00 | 149 | 90 |

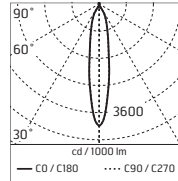
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



Emma110 CoB LED / Unidirectional - Narrow Beam 20°

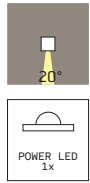
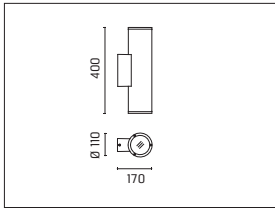


117268146 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1641
 CRI>80
 Integral electronic power supply



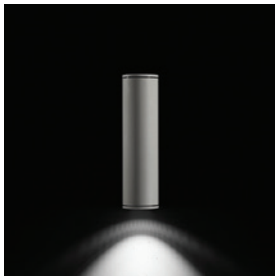
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 6646 | 4085 |
| 2.00 | 1662 | 1021 |
| 3.00 | 738 | 454 |
| 4.00 | 415 | 235 |
| 5.00 | 266 | 163 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

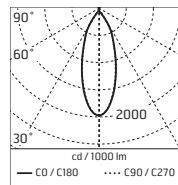


117269146 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1744 ≠ Lm OUTPUT 1564
 CRI>80
 Integral electronic power supply

Emma110 CoB LED / Unidirectional - Medium Beam 40°

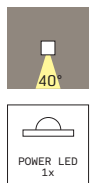
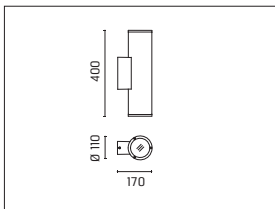


117268147 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1628
 CRI>80
 Integral electronic power supply



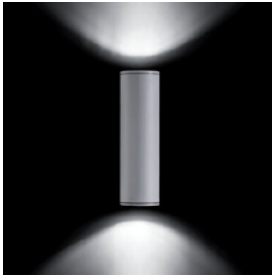
| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 3190 | 1852 |
| 2.00 | 797 | 463 |
| 3.00 | 354 | 206 |
| 4.00 | 199 | 116 |
| 5.00 | 128 | 74 |

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

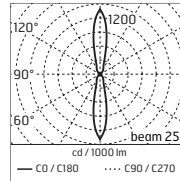


117269147 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1744 ≠ Lm OUTPUT 1552
 CRI>80
 Integral electronic power supply

Emma110 / Bidirectional

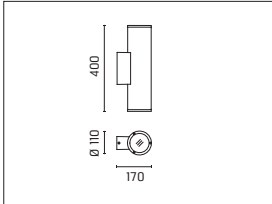


1170242 **D**
QPAR20 2x50W E27



| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 972 | 546 |
| 2.00 | 243 | 136 |
| 3.00 | 108 | 61 |
| 4.00 | 61 | 34 |
| 5.00 | 39 | 22 |

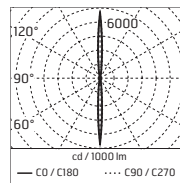
$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$



Emma110 / Bidirectional - Narrow Beam 10°

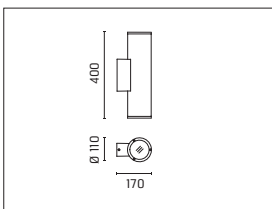


11715012 **A A+**
HIT-TC-CE 2x20W G8.5
Electronic ballast



| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 23240 | 14074 |
| 2.00 | 5810 | 3519 |
| 3.00 | 2582 | 1567 |
| 4.00 | 1453 | 880 |
| 5.00 | 930 | 563 |

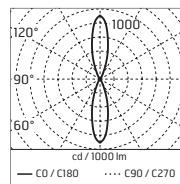
$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$



Emma110 / Bidirectional - Medium Beam 30°

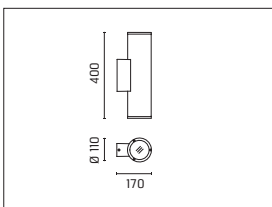


11715042 **A A+**
HIT-TC-CE 2x20W G8.5
Electronic ballast

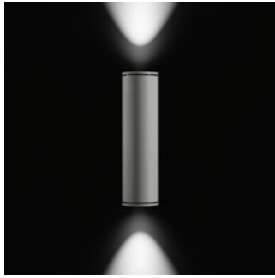


| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 3740 | 2263 |
| 2.00 | 935 | 566 |
| 3.00 | 416 | 251 |
| 4.00 | 234 | 151 |
| 5.00 | 150 | 91 |

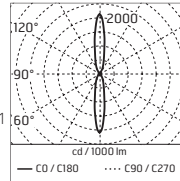
$\alpha = 15.0^\circ + 14.0^\circ$



Emma110 CoB LED / Bidirectional - Narrow Beam 20°

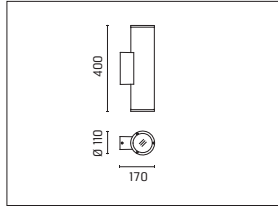


117268148 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1829 ≠ Lm OUTPUT 2x1641
 CRI>80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 6646 | 4085 |
| 2.00 | 1662 | 1021 |
| 3.00 | 738 | 454 |
| 4.00 | 415 | 255 |
| 5.00 | 266 | 163 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

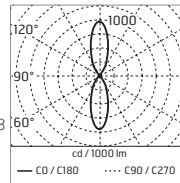


117269148 **A A+ A++**
 WARM WHITE 3000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1744 ≠ Lm OUTPUT 2x1564
 CRI>80
 Integral electronic power supply

Emma110 CoB LED / Bidirectional - Medium Beam 40°

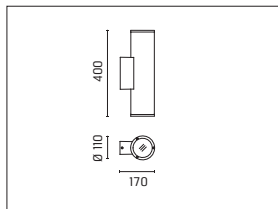


117268149 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1829 ≠ Lm OUTPUT 2x1628
 CRI>80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 3190 | 1852 |
| 2.00 | 797 | 463 |
| 3.00 | 354 | 206 |
| 4.00 | 199 | 116 |
| 5.00 | 128 | 74 |

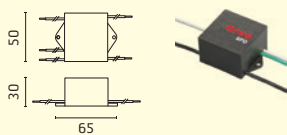
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



117269149 **A A+ A++**
 WARM WHITE 3000K
 CoB LEDs
 24W/220÷240V
 Total power 30W
 Lm LED 2x1744 ≠ Lm OUTPUT 2x1552
 CRI>80
 Integral electronic power supply

Accessories: Emma110

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66









| acc. code | |
|------------|---|
| 237 | |
| prod. code | |
| 1170121 | |
| 1170242 | |
| 1176612 | |
| 1176621 | |
| 11715012 | |
| 11715042 | |
| 117268146 | ● |
| 117268147 | ● |
| 117268148 | ● |
| 117268149 | ● |
| 117269146 | ● |
| 117269147 | ● |
| 117269148 | ● |
| 117269149 | ● |



EMMA 150

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through two cable holders (8mm$\lt; \lt; 12\text{mm}$ 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.

EU Regulation 874/2012 - Illumination equipment energy classes

| | |
|---|---|
|  | LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that 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 QPAR30S/E27 |



Wall fitting

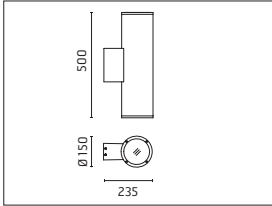


The fitting is equipped with 2 cable input

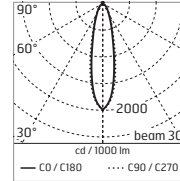


Protection against impact.
IK 07 - 2,00 joule

Emma150 / Unidirectional



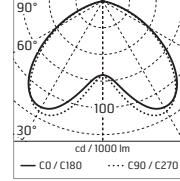
1180121 D
QPAR30S 75W E27



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 1865 | 1117 |
| 2.00 | 466 | 279 |
| 3.00 | 207 | 124 |
| 4.00 | 117 | 70 |
| 5.00 | 75 | 45 |

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 13.0^\circ + 13.0^\circ$

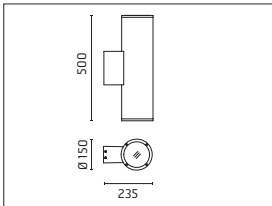
1189821 A
TC-TEL 26W GX24 q-3
Electronic ballast



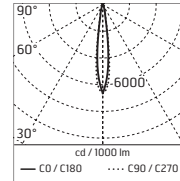
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 166 | 52 |
| 2.00 | 41 | 13 |
| 3.00 | 18 | 6 |
| 4.00 | 10 | 3 |
| 5.00 | 7 | 2 |

$\alpha = 58.0^\circ + 58.0^\circ$ $\beta = 57.0^\circ + 57.0^\circ$

Emma150 / Unidirectional - Narrow Beam 16°



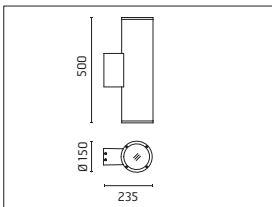
1186712 A*
HIT-TC-CE 35W G8.5
Electronic ballast



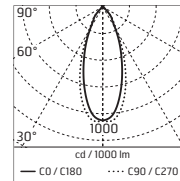
| m | lux | |
|------|-------|-------|
| | Max | Med |
| 1.00 | 20638 | 14997 |
| 2.00 | 5159 | 3749 |
| 3.00 | 2293 | 1666 |
| 4.00 | 1290 | 937 |
| 5.00 | 826 | 600 |

$\alpha = 8.0^\circ + 8.0^\circ$ $\beta = 7.0^\circ + 7.0^\circ$

Emma150 / Unidirectional - Medium Beam 40°



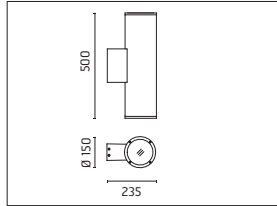
1186721 A*
HIT-TC-CE 35W G8.5
Electronic ballast



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 3553 | 2120 |
| 2.00 | 888 | 530 |
| 3.00 | 395 | 236 |
| 4.00 | 222 | 133 |
| 5.00 | 142 | 85 |

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

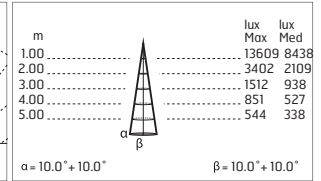
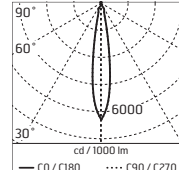
Emma150 CoB LED / Unidirectional - Narrow Beam 20°



118271150 A A+ A++

NATURAL WHITE 4000K
CoB LED
17W/220÷240V
Total power 20W
Lm LED 2632 ≠ Lm OUTPUT 2102
CRI>80

Integral electronic power supply

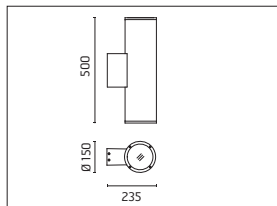
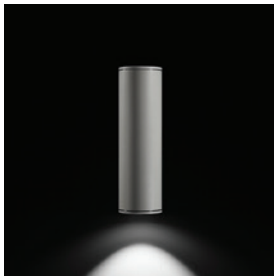


118272150 A A+ A++

WARM WHITE 3000K
CoB LED
17W/220÷240V
Total power 20W
Lm LED 2567 ≠ Lm OUTPUT 2050
CRI>80

Integral electronic power supply

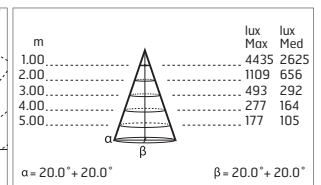
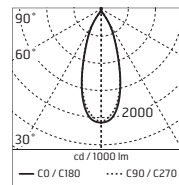
Emma150 CoB LED / Unidirectional - Medium Beam 40°



118271151 A A+ A++

NATURAL WHITE 4000K
CoB LED
17W/220÷240V
Total power 20W
Lm LED 2632 ≠ Lm OUTPUT 2121
CRI>80

Integral electronic power supply

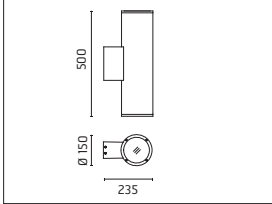


118272151 A A+ A++

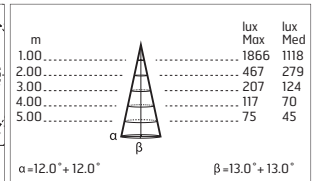
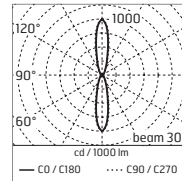
WARM WHITE 3000K
CoB LED
17W/220÷240V
Total power 20W
Lm LED 2567 ≠ Lm OUTPUT 2068
CRI>80

Integral electronic power supply

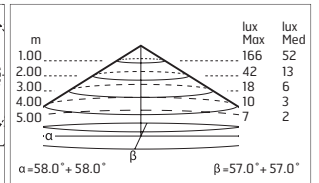
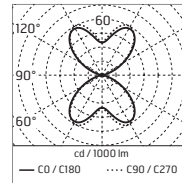
Emma150 / Bidirectional



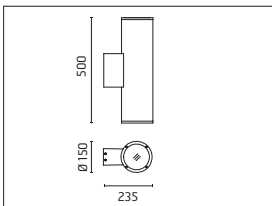
1180242 D
QPAR30S 2x75W E27



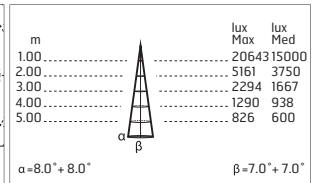
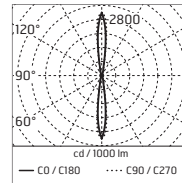
11815142 A
TC-TEL 2x26W GX24 q-3
Electronic ballast



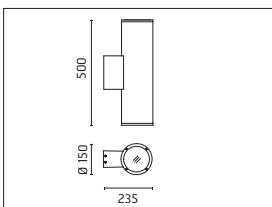
Emma150 / Bidirectional - Narrow Beam 16°



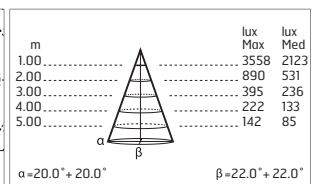
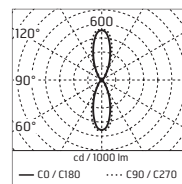
11815212 A+
HIT-TC-CE 2x35W G8.5
Electronic ballast



Emma150 / Bidirectional - Medium Beam 40°



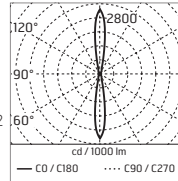
11815242 A+
HIT-TC-CE 2x35W G8.5
Electronic ballast



Emma150 CoB LED / Bidirectional - Narrow Beam 20°

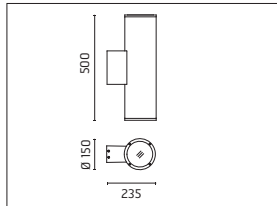


118271152 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2632 ≠ Lm OUTPUT 2x2102
 CRI>80
 Integral electronic power supply



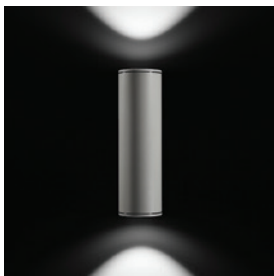
| m | lux | |
|------|-------|------|
| | Max | Med |
| 1.00 | 13609 | 8438 |
| 2.00 | 3402 | 2109 |
| 3.00 | 1512 | 938 |
| 4.00 | 851 | 527 |
| 5.00 | 544 | 338 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

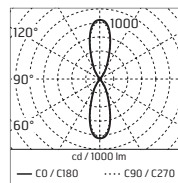


118272152 **A A+ A++**
 WARM WHITE 3000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2567 ≠ Lm OUTPUT 2x2050
 CRI>80
 Integral electronic power supply

Emma150 CoB LED / Bidirectional - Medium Beam 40°

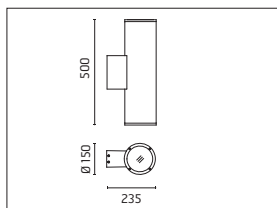


118271153 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2632 ≠ Lm OUTPUT 2x2121
 CRI>80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4435 | 2625 |
| 2.00 | 1109 | 656 |
| 3.00 | 493 | 292 |
| 4.00 | 277 | 164 |
| 5.00 | 177 | 105 |

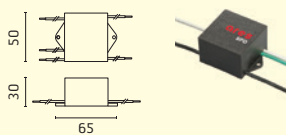
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



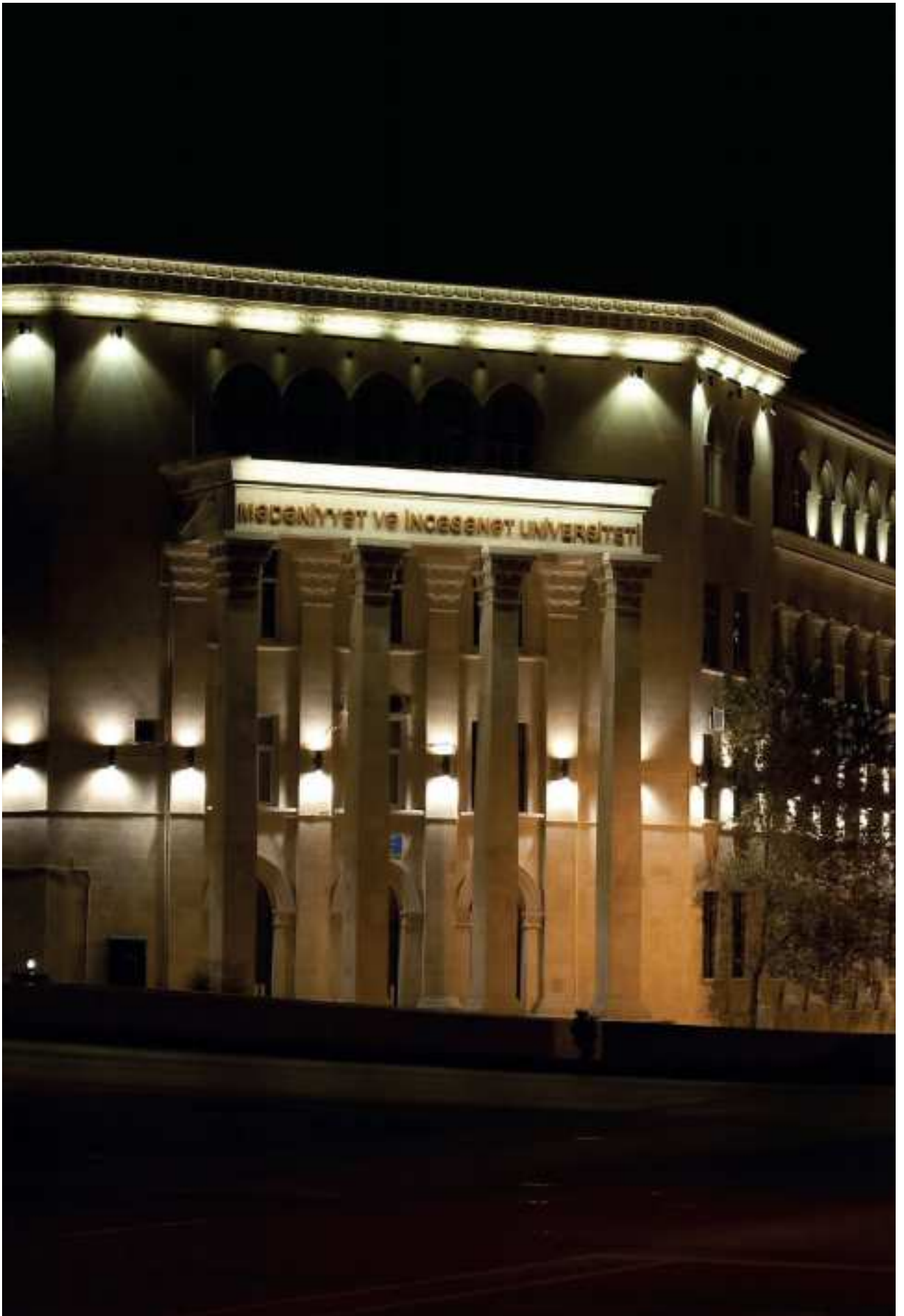
118272153 **A A+ A++**
 WARM WHITE 3000K
 CoB LEDs
 34W/220÷240V
 Total power 40W
 Lm LED 2x2567 ≠ Lm OUTPUT 2x2068
 CRI>80
 Integral electronic power supply

Accessories: Emma150

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



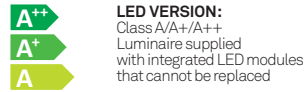
| acc. code | | 237 |
|------------|---|-----|
| prod. code | | |
| 1180121 | | |
| 1180242 | | |
| 1186712 | | |
| 1186721 | | |
| 1189821 | | |
| 11815142 | | |
| 11815212 | | |
| 11815242 | | |
| 118271150 | ● | |
| 118271151 | ● | |
| 118271152 | ● | |
| 118271153 | ● | |
| 118272150 | ● | |
| 118272151 | ● | |
| 118272152 | ● | |
| 118272153 | ● | |





- Luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is equipped with a dc/dc resin-coated converter that removes electromagnetic interference. The luminaire is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- 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



Wall fitting



Pre-wired with approx 250mm of cable

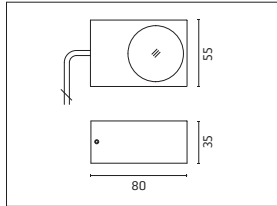
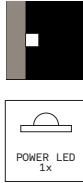
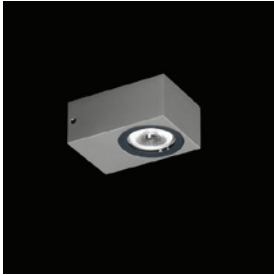


Remote device required.

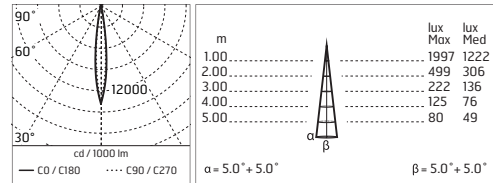


Protection against impact.
IK 05 - 0,70 joule

Epsilon Power LED / Narrow Beam 10°

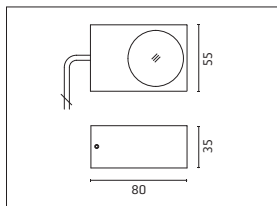
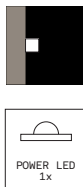
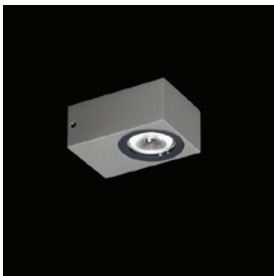


508002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 198 ≠ Lm OUTPUT 138
 CRI>80
 Remote electronic power supply
 to be ordered

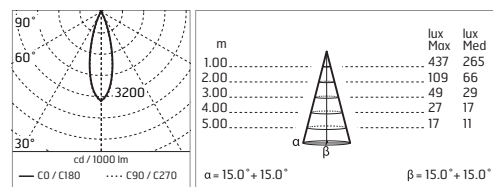


508003 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 182 ≠ Lm OUTPUT 127
 CRI>80
 Remote electronic power supply
 to be ordered

Epsilon Power LED / Medium Beam 30°



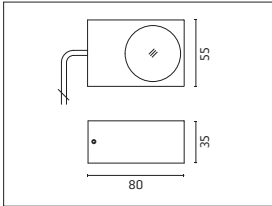
508012 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 198 ≠ Lm OUTPUT 125
 CRI>80
 Remote electronic power supply
 to be ordered



508013 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 182 ≠ Lm OUTPUT 114
 CRI>80
 Remote electronic power supply
 to be ordered



Epsilon Power LED / Narrow Beam 10°



508022 A A+ A++

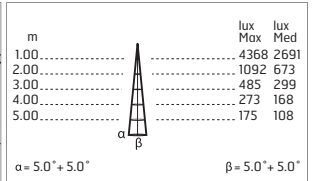
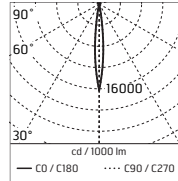
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
Lm LED 360 ≠ Lm OUTPUT 258
CRI>80

Remote electronic power supply to be ordered

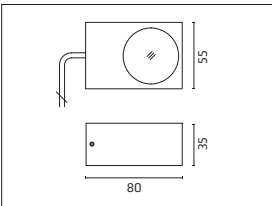
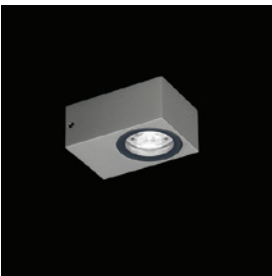
508023 A A+ A++

WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
Lm LED 330 ≠ Lm OUTPUT 236
CRI>80

Remote electronic power supply to be ordered



Epsilon Power LED / Medium Beam 30°



508032 A A+ A++

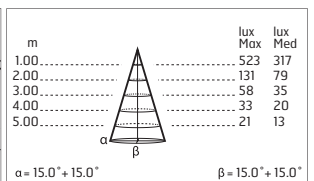
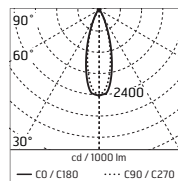
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
Lm LED 360 ≠ Lm OUTPUT 207
CRI>80

Remote electronic power supply to be ordered

508033 A A+ A++

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

Remote electronic power supply to be ordered

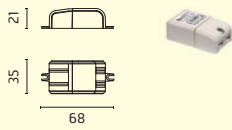




Accessories: Epsilon

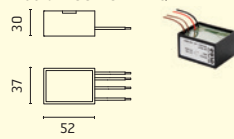
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



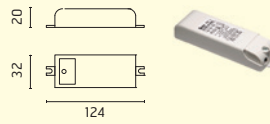
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



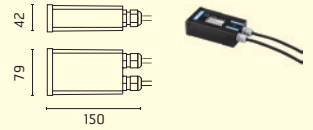
87

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



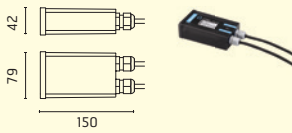
175

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



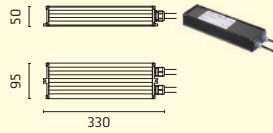
147

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



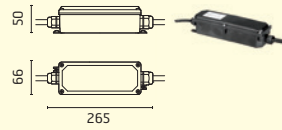
155

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



110

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



| acc. code ▶ | 150 | 106 | 87 | 175 | 147 | 155 | 110 |
|--------------|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | |
| 508802 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 508803 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 508812 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 508813 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 508822 | 1 | 1 | 2 | 2 | | 7 | 14 |
| 508823 | 1 | 1 | 2 | 2 | | 7 | 14 |
| 508832 | 1 | 1 | 2 | 2 | | 7 | 14 |
| 508833 | 1 | 1 | 2 | 2 | | 7 | 14 |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

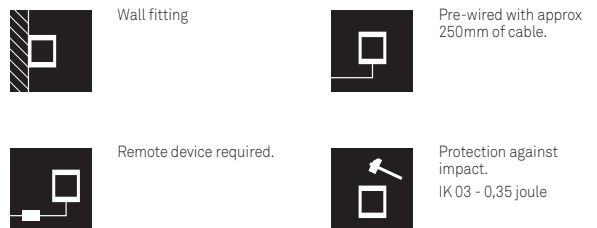


- Luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is equipped with a resin-coated converter that guarantees the right power supply to the LED module and removes electromagnetic interference. The luminaire is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

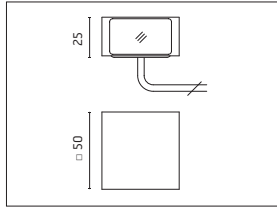
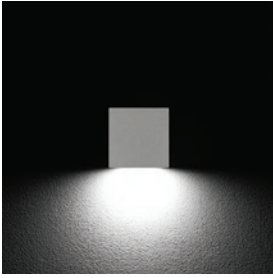
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



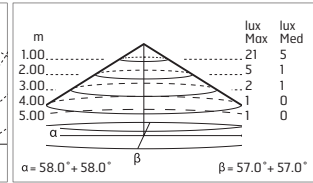
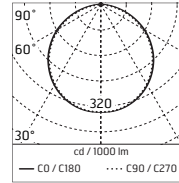
Zeta Power LED / Unidirectional



522002 **A A+ A++**

NATURAL WHITE 4000K
POWER LED
1,1W/24Vdc
Total power 2W
Lm LED 162 \neq Lm OUTPUT 59
CRI>80

Remote electronic power supply to be ordered

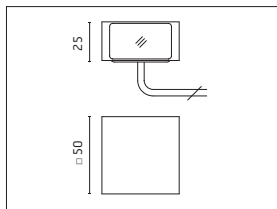
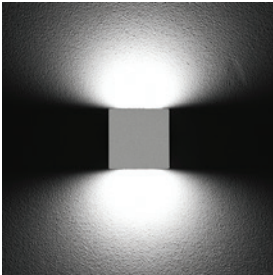


522003 **A A+ A++**

WARM WHITE 3000K
POWER LED
1,1W/24Vdc
Total power 2W
Lm LED 149 \neq Lm OUTPUT 54
CRI>80

Remote electronic power supply to be ordered

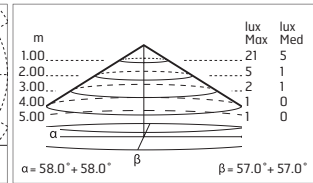
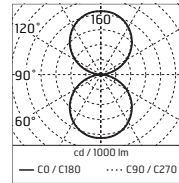
Zeta Power LED / Bidirectional



522012 **A A+ A++**

NATURAL WHITE 4000K
POWER LEDs
2,2W/24Vdc
Total power 3,3W
Lm LED 2x162 \neq Lm OUTPUT 2x59
CRI>80

Remote electronic power supply to be ordered



522013 **A A+ A++**

WARM WHITE 3000K
POWER LEDs
2,2W/24Vdc
Total power 3,3W
Lm LED 2x149 \neq Lm OUTPUT 2x54
CRI>80

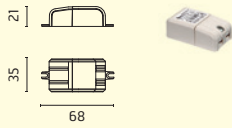
Remote electronic power supply to be ordered



Accessories: Zeta

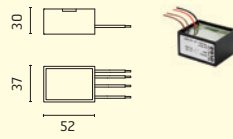
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



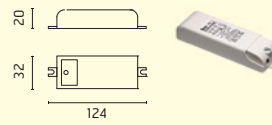
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



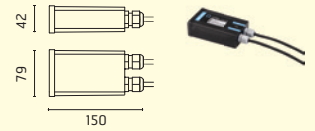
87

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



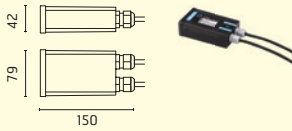
175

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



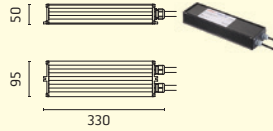
147

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



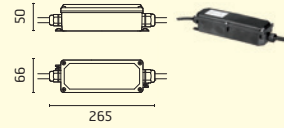
155

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



110

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



| acc. code ▶ | 150 | 106 | 87 | 175 | 147 | 155 | 110 |
|--------------|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | |
| 522002 | 2 | 2 | 4 | 4 | 5 | 16 | 30 |
| 522003 | 2 | 2 | 4 | 4 | 5 | 16 | 30 |
| 522012 | 1 | 1 | 2 | 2 | | 8 | 18 |
| 522013 | 1 | 1 | 2 | 2 | | 8 | 18 |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is equipped with a dc/dc resin-coated converter that removes electromagnetic interference. The luminaire is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- 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 that cannot be replaced



Wall fitting



Pre-wired with approx 250mm of cable.

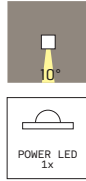
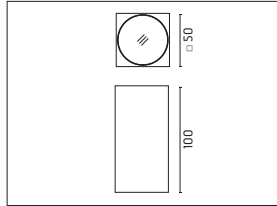
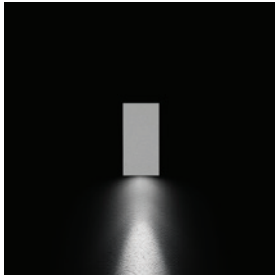


Remote device required.

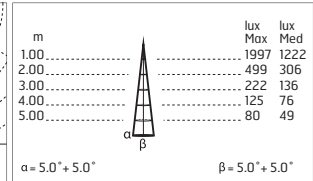
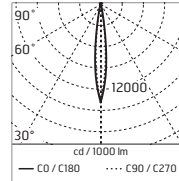


Protection against impact.
IK 05 - 0,70 joule

Delta Power LED / Unidirectional - Narrow Beam 10°

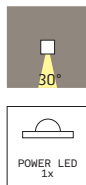
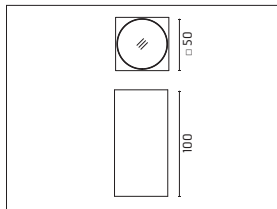
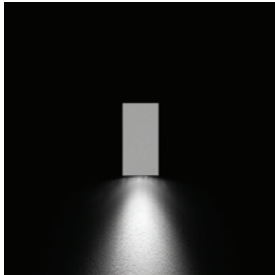


507002 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 198 ≈ Lm OUTPUT 138
 CRI>80
 Remote electronic power supply
 to be ordered

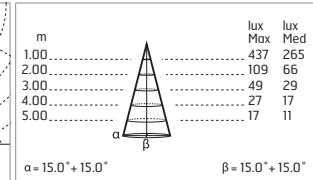
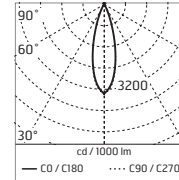


507003 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 182 ≈ Lm OUTPUT 127
 CRI>80
 Remote electronic power supply
 to be ordered

Delta Power LED / Unidirectional - Medium Beam 30°

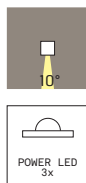
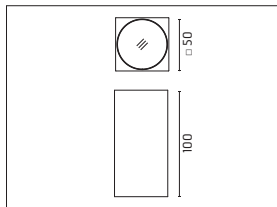
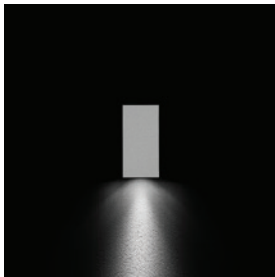


507012 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 198 ≈ Lm OUTPUT 125
 CRI>80
 Remote electronic power supply
 to be ordered

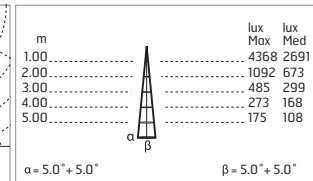
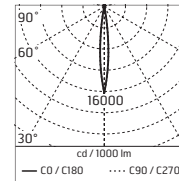


507013 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 2,2W/24Vdc
 Total power 3,4W
 Lm LED 182 ≈ Lm OUTPUT 114
 CRI>80
 Remote electronic power supply
 to be ordered

Delta Power LED / Unidirectional - Narrow Beam 10°

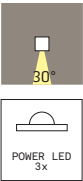
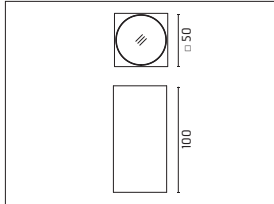
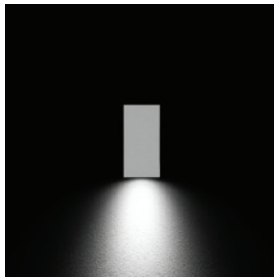


507022 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 Lm LED 360 ≈ Lm OUTPUT 258
 CRI>80
 Remote electronic power supply
 to be ordered



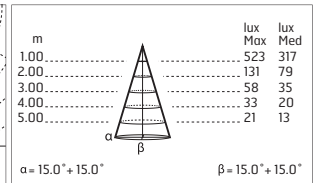
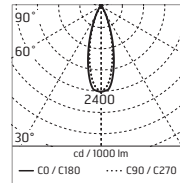
507023 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 3,3W/24Vdc
 Total power 4,5W
 Lm LED 330 ≈ Lm OUTPUT 236
 CRI>80
 Remote electronic power supply
 to be ordered

Delta Power LED / Unidirectional - Medium Beam 30°



507032 A A+ A++

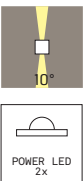
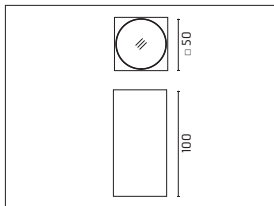
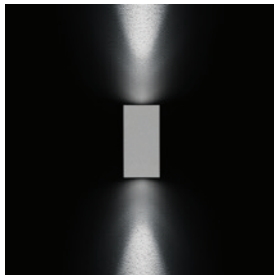
NATURAL WHITE 4000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
Lm LED 360 ≠ Lm OUTPUT 207
CRI>80
Remote electronic power supply
to be ordered



507033 A A+ A++

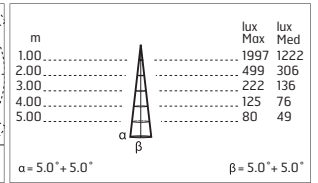
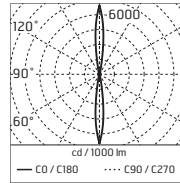
WARM WHITE 3000K
POWER LEDs
3,3W/24Vdc
Total power 4,5W
Lm LED 330 ≠ Lm OUTPUT 189
CRI>80
Remote electronic power supply
to be ordered

Delta Power LED / Bidirectional - Narrow Beam 10°



507102 A A+ A++

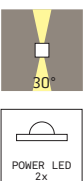
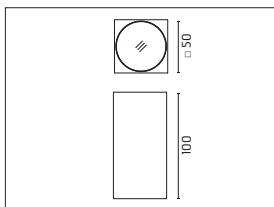
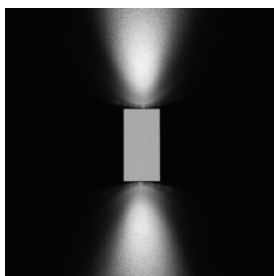
NATURAL WHITE 4000K
POWER LEDs
4,4W/24Vdc
Total power 6,8W
Lm LED 2x198 ≠ Lm OUTPUT 2x138
CRI>80
Remote electronic power supply
to be ordered



507103 A A+ A++

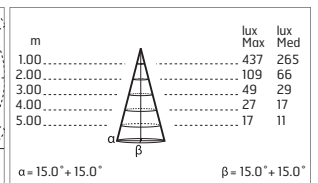
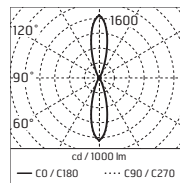
WARM WHITE 3000K
POWER LEDs
4,4W/24Vdc
Total power 6,8W
Lm LED 2x182 ≠ Lm OUTPUT 2x127
CRI>80
Remote electronic power supply
to be ordered

Delta Power LED / Bidirectional - Medium Beam 30°



507112 A A+ A++

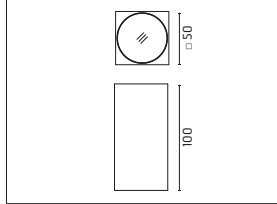
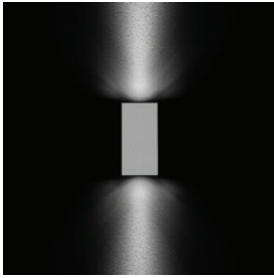
NATURAL WHITE 4000K
POWER LEDs
4,4W/24Vdc
Total power 6,8W
Lm LED 2x198 ≠ Lm OUTPUT 2x125
CRI>80
Remote electronic power supply
to be ordered



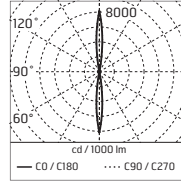
507113 A A+ A++

WARM WHITE 3000K
POWER LEDs
4,4W/24Vdc
Total power 6,8W
Lm LED 2x182 ≠ Lm OUTPUT 2x114
CRI>80
Remote electronic power supply
to be ordered

Delta Power LED / Bidirectional - Narrow Beam 10°



507122 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6,6W/24Vdc
 Total power 9W
 Lm LED 2x360 ≠ Lm OUTPUT 2x258
 CRI>80
 Remote electronic power supply
 to be ordered

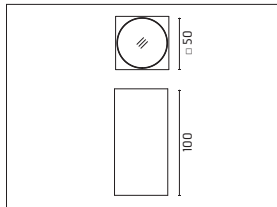
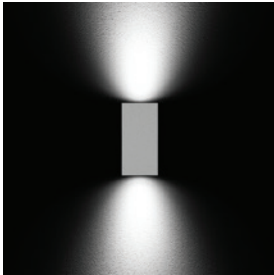


| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4368 | 2691 |
| 2.00 | 1092 | 673 |
| 3.00 | 485 | 299 |
| 4.00 | 273 | 168 |
| 5.00 | 175 | 108 |

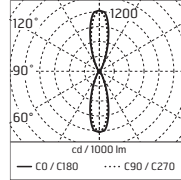
$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

507123 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6,6W/24Vdc
 Total power 9W
 Lm LED 2x330 ≠ Lm OUTPUT 2x236
 CRI>80
 Remote electronic power supply
 to be ordered

Delta Power LED / Bidirectional - Medium Beam 30°



507132 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 6,6W/24Vdc
 Total power 9W
 Lm LED 2x360 ≠ Lm OUTPUT 2x207
 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 |

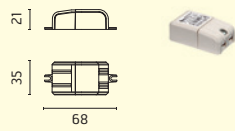
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

507133 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 6,6W/24Vdc
 Total power 9W
 Lm LED 2x330 ≠ Lm OUTPUT 2x189
 CRI>80
 Remote electronic power supply
 to be ordered

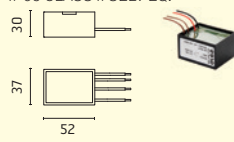


Accessories: Delta

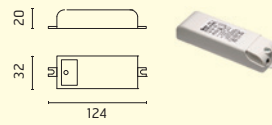
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



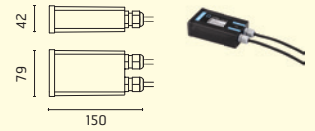
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



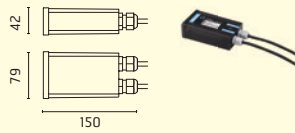
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



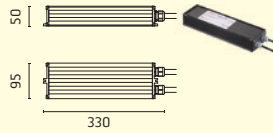
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



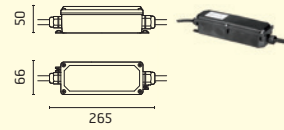
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



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



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



| acc. code ▶ | 150 | 106 | 87 | 175 | 147 | 155 | 110 |
|--------------|-----|-----|----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | |
| 507002 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 507003 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 507012 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 507013 | 1 | 1 | 2 | 2 | 3 | 9 | 17 |
| 507022 | 1 | 1 | 2 | 2 | | 7 | 14 |
| 507023 | 1 | 1 | 2 | 2 | | 7 | 14 |
| 507032 | 1 | 1 | 2 | 2 | | 7 | 14 |
| 507033 | 1 | 1 | 2 | 2 | | 7 | 14 |
| 507102 | | | 1 | 1 | 2 | 5 | 8 |
| 507103 | | | 1 | 1 | 2 | 5 | 8 |
| 507112 | | | 1 | 1 | 2 | 5 | 8 |
| 507113 | | | 1 | 1 | 2 | 5 | 8 |
| 507122 | | | 1 | 1 | | 3 | 7 |
| 507123 | | | 1 | 1 | | 3 | 7 |
| 507132 | | | 1 | 1 | | 3 | 7 |
| 507133 | | | 1 | 1 | | 3 | 7 |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

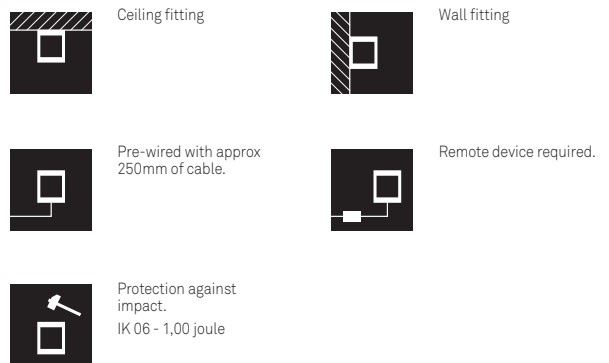


- Round luminaire for installation on wall or ceiling – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- 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

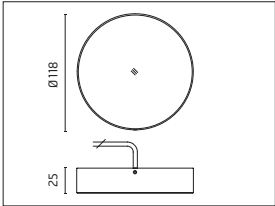
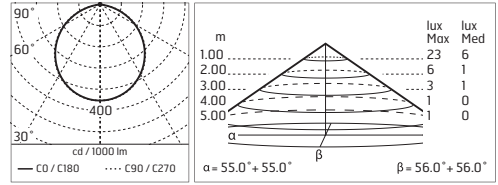
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Alfa Low-Power LED / Methacrylate Diffuser



505002 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 2W/24Vdc
 Total power 2,5W
 Lm LED 188 \approx Lm OUTPUT 65
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

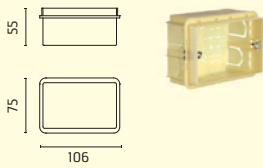


505003 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 2W/24Vdc
 Total power 2,5W
 Lm LED 132 \approx Lm OUTPUT 47
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

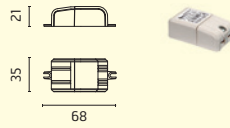


Accessories: Alfa

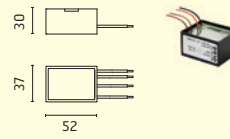
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



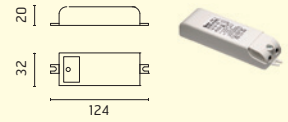
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



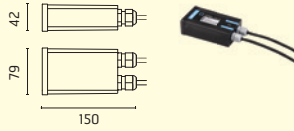
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



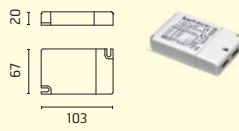
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



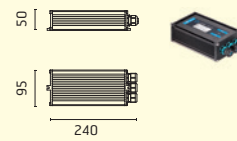
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



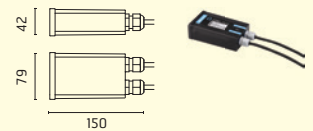
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



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



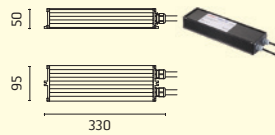
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



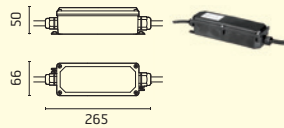
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

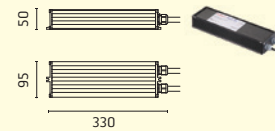
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



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

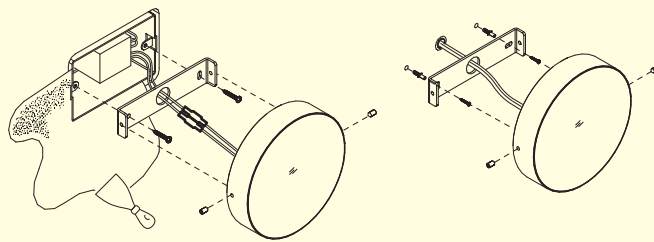


156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



Alfa with box cod.105

Alfa without box cod.105



| acc. code ▶ | 105 | 150 | 106 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | |
| 505002 | ● | 2 | 2 | 3 | 3 | 6 | 6 | 7 | 20 | 25 | 36 |
| 505003 | ● | 2 | 2 | 3 | 3 | 6 | 6 | 7 | 20 | 25 | 36 |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Square luminaire for installation on wall or ceiling – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- 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 that cannot be replaced



Ceiling fitting



Wall fitting



Pre-wired with approx 250mm of cable.

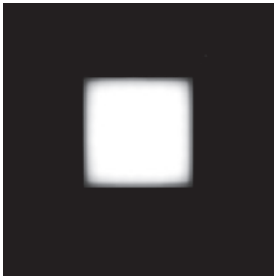


Remote device required.

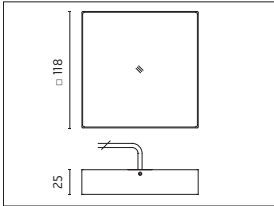
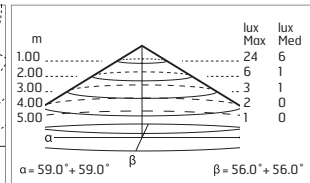
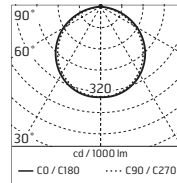


Protection against impact.
IK 06 - 1,00 joule

Beta Low-Power LED / Methacrylate Diffuser



506002 **A A+ A++**
 NATURAL WHITE 4000K
 LOW-POWER LEDs
 2,5W/24Vdc
 Total power 3W
 Lm LED 225 ≈ Lm OUTPUT 74
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

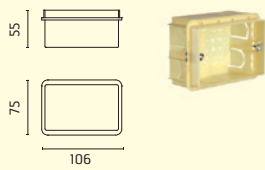


506003 **A A+ A++**
 WARM WHITE 3000K
 LOW-POWER LEDs
 2,5W/24Vdc
 Total power 3W
 Lm LED 158 ≈ Lm OUTPUT 54
 CRI>80
 Remote electronic power supply
 to be ordered
 Acc. 144 or 176

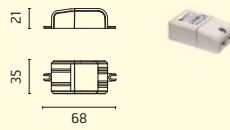


Accessories: Beta

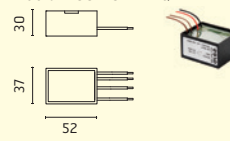
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



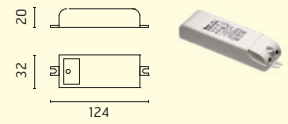
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



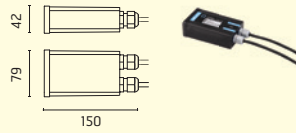
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



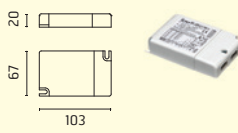
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



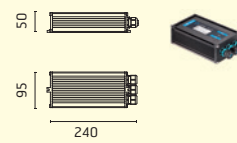
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



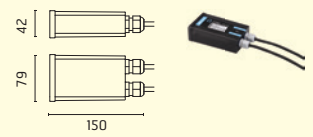
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



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



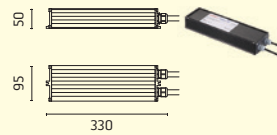
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



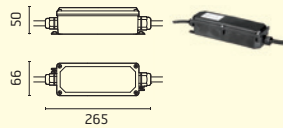
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

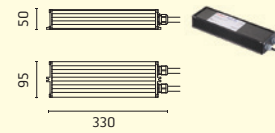
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



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

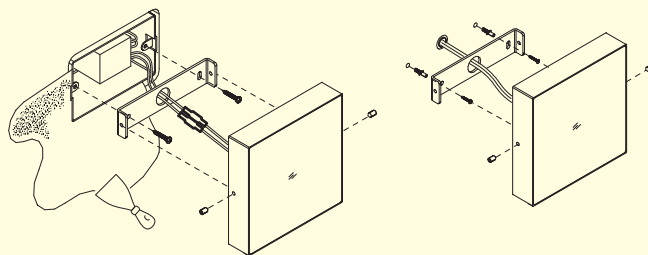


156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



Beta with box cod.105

Beta without box cod.105



| acc. code ▶ | 105 | 150 | 106 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | |
| 506002 | ● | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 15 | 20 | 28 |
| 506003 | ● | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 15 | 20 | 28 |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



GAMMA

- Square luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- 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 that cannot be replaced



Wall fitting



Pre-wired with approx 250mm of cable

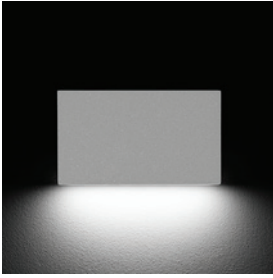


Remote device required.

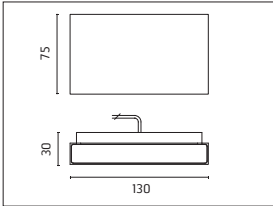
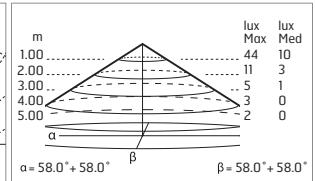
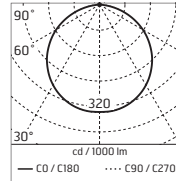


Protection against impact.
IK 03 - 0,35 joule

Gamma Mid-Power LED / Unidirectional

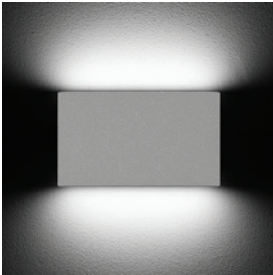


512002 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 1,8W/24Vdc
 Total power 2,5W
 Lm LED 278 \approx Lm OUTPUT 142
 CRI>80
 Remote electronic power supply
 to be ordered
 ■■■■Acc. 144 or 176

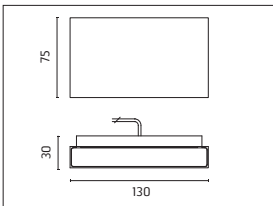
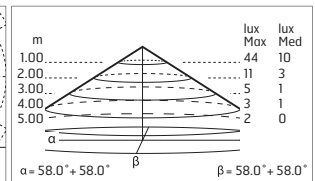
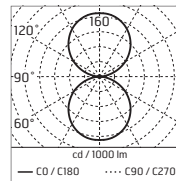


512003 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 1,8W/24Vdc
 Total power 2,5W
 Lm LED 265 \approx Lm OUTPUT 134
 CRI>80
 Remote electronic power supply
 to be ordered
 ■■■■Acc. 144 or 176

Gamma Mid-Power LED / Bidirectional



512012 **A A+ A++**
 NATURAL WHITE 4000K
 MID-POWER LEDs
 3,6W/24Vdc
 Total power 5W
 Lm LED 2x278 \approx Lm OUTPUT 2x142
 CRI>80
 Remote electronic power supply
 to be ordered
 ■■■■Acc. 144 or 176

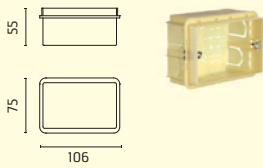


512013 **A A+ A++**
 WARM WHITE 3000K
 MID-POWER LEDs
 3,6W/24Vdc
 Total power 5W
 Lm LED 2x265 \approx Lm OUTPUT 2x134
 CRI>80
 Remote electronic power supply
 to be ordered
 ■■■■Acc. 144 or 176

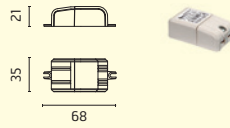


Accessories: Gamma

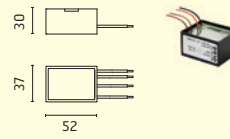
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



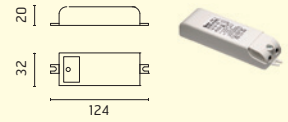
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



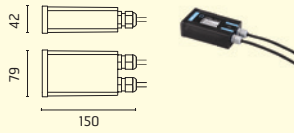
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



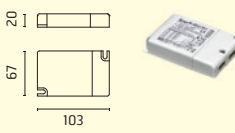
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



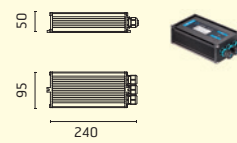
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



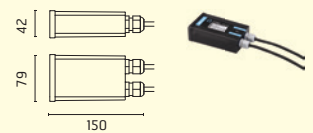
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



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



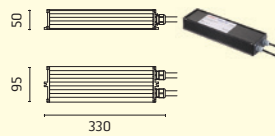
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



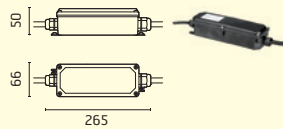
... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V
See Page 514 Wiring Diagram n.4

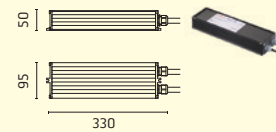
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



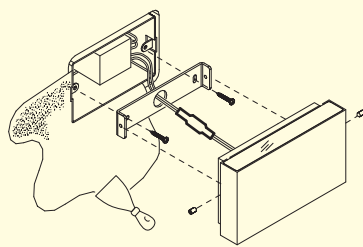
110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



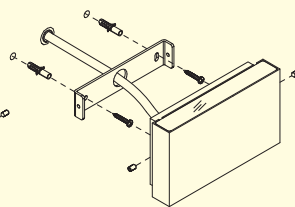
156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



Gamma with box cod.105



Gamma without box cod.105



| acc. code ▶ | 105 | 150 | 106 | 87 | 175 | 144 | 176 | 147 | 155 | 110 | 156 |
|--------------|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| prod. code ▼ | | | | | | | | | | | |
| 512002 | ● | 3 | 3 | 4 | 4 | 6 | 6 | 8 | 20 | 25 | 35 |
| 512003 | ● | 3 | 3 | 4 | 4 | 6 | 6 | 8 | 20 | 25 | 35 |
| 512012 | ● | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 10 | 13 | 17 |
| 512013 | ● | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 10 | 13 | 17 |

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 304 stainless steel fixing plate. Glass diffuser: transparent with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: II.
- Installation: wiring through two rubber cable glands (5mm$\lt\lt;9\text{mm}$ cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



Wall fitting

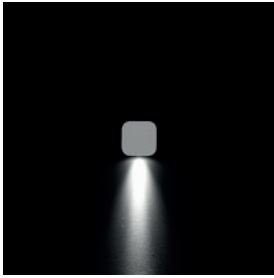


The fitting is equipped with 2 cable input

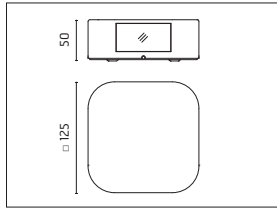
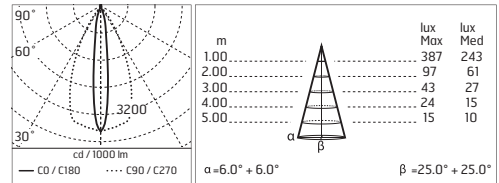


Protection against impact.
IK 02 - 0,20 joule

Marco Power LED / Unidirectional - Narrow Beam 10°

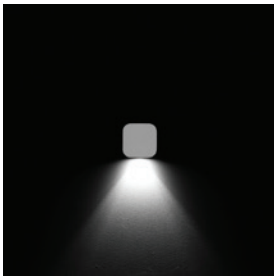


10723043 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,1W/100÷240V
 Total power 3W
 Lm LED 130 ≈ Lm OUTPUT 104
 CRI>80
 Integral electronic power supply

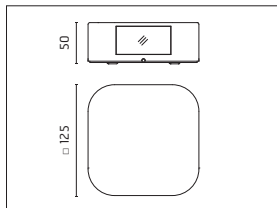
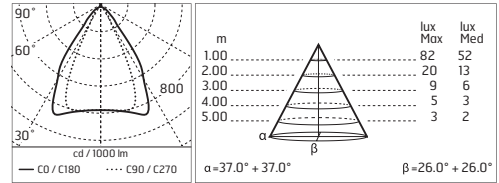


10711643 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,1W/100÷240V
 Total power 3W
 Lm LED 120 ≈ Lm OUTPUT 96
 CRI>80
 Integral electronic power supply

Marco Power LED / Unidirectional - Wide Beam 75°



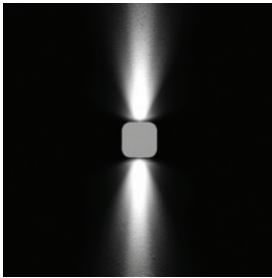
10723050 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 1,1W/100÷240V
 Total power 3W
 Lm LED 130 ≈ Lm OUTPUT 105
 CRI>80
 Integral electronic power supply



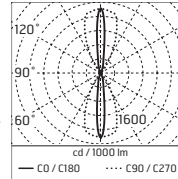
10711650 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 1,1W/100÷240V
 Total power 3W
 Lm LED 120 ≈ Lm OUTPUT 97
 CRI>80
 Integral electronic power supply



Marco Power LED / Bidirectional - Narrow Beam 10°

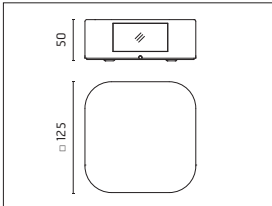


10723144 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2,2W/100÷240V
 Total power 4W
 Lm LED 2x130 ≠ Lm OUTPUT 2x104
 CRI>80
 Integral electronic power supply



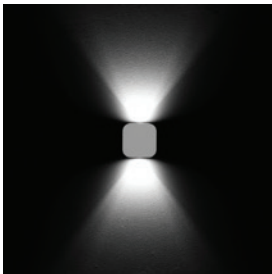
| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 387 | 243 |
| 2.00 | 97 | 61 |
| 3.00 | 43 | 27 |
| 4.00 | 24 | 15 |
| 5.00 | 15 | 10 |

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

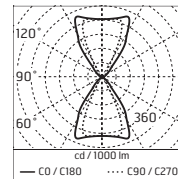


10711944 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2,2W/100÷240V
 Total power 4W
 Lm LED 2x120 ≠ Lm OUTPUT 2x96
 CRI>80
 Integral electronic power supply

Marco Power LED / Bidirectional - Wide Beam 75°

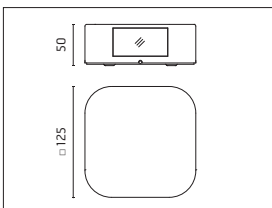


10723151 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2,2W/100÷240V
 Total power 4W
 Lm LED 2x130 ≠ Lm OUTPUT 2x105
 CRI>80
 Integral electronic power supply



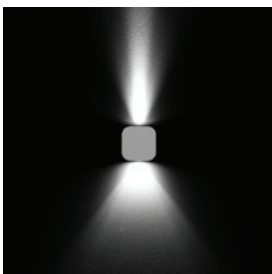
| m | lux Max | lux Med |
|------|---------|---------|
| 1.00 | 80 | 51 |
| 2.00 | 20 | 13 |
| 3.00 | 9 | 6 |
| 4.00 | 5 | 3 |
| 5.00 | 3 | 2 |

$\alpha = 37.0^\circ + 37.0^\circ$ $\beta = 26.0^\circ + 26.0^\circ$

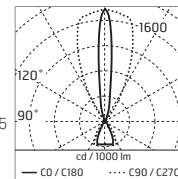


10711951 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2,2W/100÷240V
 Total power 4W
 Lm LED 2x120 ≠ Lm OUTPUT 2x97
 CRI>80
 Integral electronic power supply

Marco Power LED / Bidirectional - Combined: Narrow Beam 10° + Wide Beam 75°

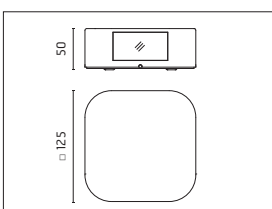


10723153 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 2,2W/100÷240V
 Total power 4W
 Lm LED 2x130 ≠ Lm OUTPUT 104+105
 CRI>80
 Integral electronic power supply



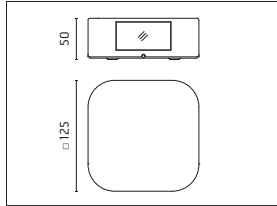
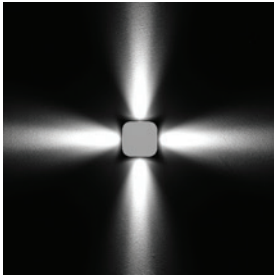
| m | lux Max | lux Med |
|------|---------|---------|
| 5.00 | 15 | 10 |
| 4.00 | 24 | 15 |
| 3.00 | 43 | 27 |
| 2.00 | 97 | 61 |
| 1.00 | 386 | 243 |

$\alpha = 6.0^\circ + 6.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

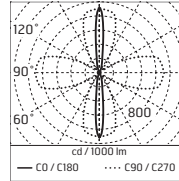


10712253 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 2,2W/100÷240V
 Total power 4W
 Lm LED 2x120 ≠ Lm OUTPUT 96+97
 CRI>80
 Integral electronic power supply

Marco Power LED / Omnidirectional - Narrow Beam 10°

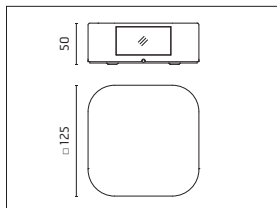
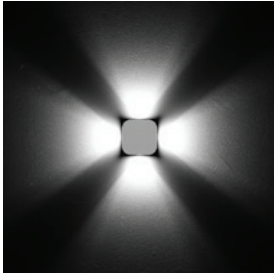


10723245 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4,4W/100±240V
 Total power 7W
 Lm LED 4x130 ≠ Lm OUTPUT 4x104
 CRI>80
 Integral electronic power supply

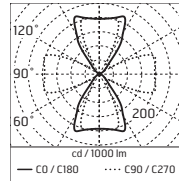


1079245 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4,4W/100±240V
 Total power 7W
 Lm LED 4x120 ≠ Lm OUTPUT 4x96
 CRI>80
 Integral electronic power supply

Marco Power LED / Omnidirectional - Wide Beam 75°



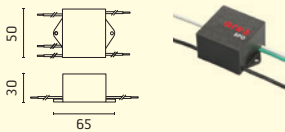
10723252 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 4,4W/100±240V
 Total power 7W
 Lm LED 4x130 ≠ Lm OUTPUT 4x105
 CRI>80
 Integral electronic power supply



1079252 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 4,4W/100±240V
 Total power 7W
 Lm LED 4x120 ≠ Lm OUTPUT 4x97
 CRI>80
 Integral electronic power supply

Accessories: Marco

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10KA(8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



| acc. code | ▶ | 237 |
|------------|---|-----|
| prod. code | ▼ | |
| 1079245 | | ● |
| 1079252 | | ● |
| 10711643 | | ● |
| 10711650 | | ● |
| 10711944 | | ● |
| 10711951 | | ● |
| 10712253 | | ● |
| 10723043 | | ● |
| 10723050 | | ● |
| 10723144 | | ● |
| 10723151 | | ● |
| 10723153 | | ● |
| 10723245 | | ● |
| 10723252 | | ● |

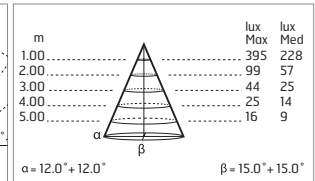
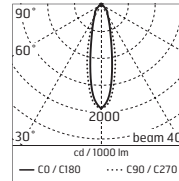




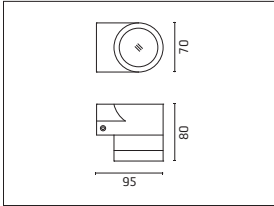
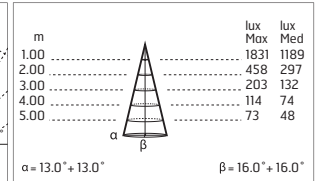
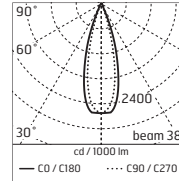
Jackie / Transparent Glass



842800
PAR 16 35W/230V GZ10



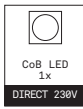
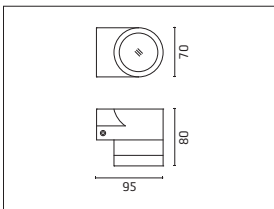
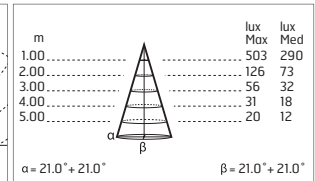
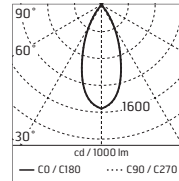
843300
QR CBC 51 35W/12V GU5,3
Remote transformer to be ordered



Jackie CoB LED / Transparent Glass - Medium Beam 40° - Direct 230V



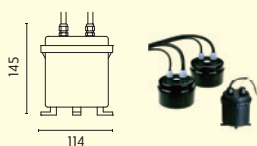
8412801
WARM WHITE 3000K
CoB LED
5W/220÷230V
Total power 6W
Lm LED 688 ≈ Lm OUTPUT 327
CRI>80
LED module set up to work
directly connected to the mains



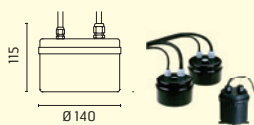


Accessories: Jackie

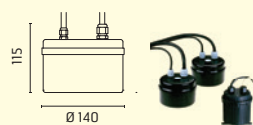
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



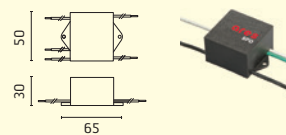
17
TRANSFORMER 200W
230V/12V 50Hz IP 66



18
TRANSFORMER 300W
230V/12V 50Hz IP 66



237
SPD: (SURGE PROTECTION DEVICE) 275Vac
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION - IP66












| acc. code ▶ | 16 | 17 | 18 | 237 |
|--------------|----|----|----|-----|
| prod. code ▼ | | | | |
| 842800 | | | | |
| 843300 | • | • | • | |
| 8412801 | | | | • |



- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through M16 plastic cable gland (4,5mm\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 that cannot be replaced |
|  | |
|  | |
|  | METAL HALIDE VERSION: Class A+ HIT-DE/RX7s |
|  | 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



The fitting is equipped with 1 cable input

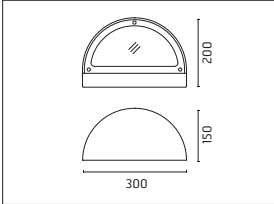
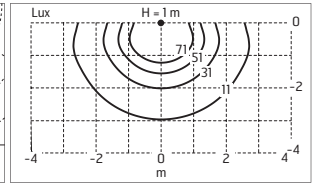
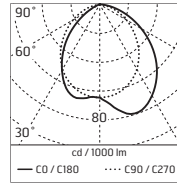


Protection against impact.
IK 07 - 2,00 joule

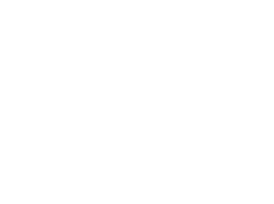
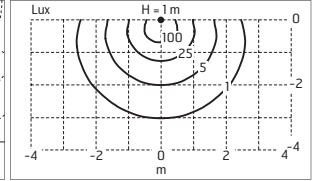
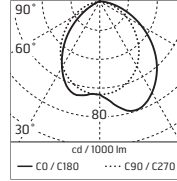
Memi / Sandblasted Glass



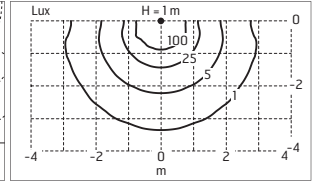
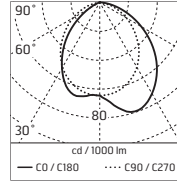
490100 D
QT 32 100W E27



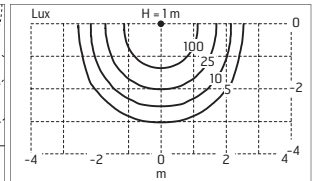
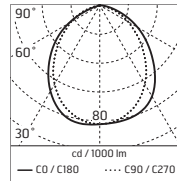
496000 A
TC-DEL 2x18W G24 q-2
Electronic ballast



491600 B A
TC-D 2x26W G24 d-3



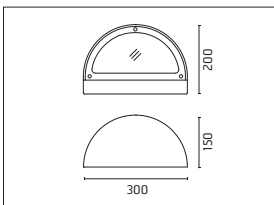
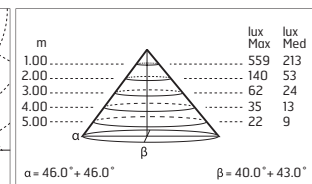
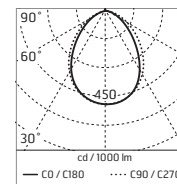
492900 A*
HIT-DE 70W Rx7s
Electronic ballast



Memi Mid-Power LED / Sandblasted Glass



4927700 A A* A++
NATURAL WHITE 4000K
MID-POWER LEDs
15W/220÷240V
Total power 18W
Lm LED 2422 ≠ Lm OUTPUT 1150
CRI>80
Integral electronic power supply

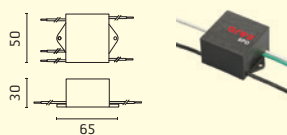


4927800 A A* A++
WARM WHITE 3000K
MID-POWER LEDs
15W/220÷240V
Total power 18W
Lm LED 2307 ≠ Lm OUTPUT 1095
CRI>80
Integral electronic power supply



Accessories: Memi

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



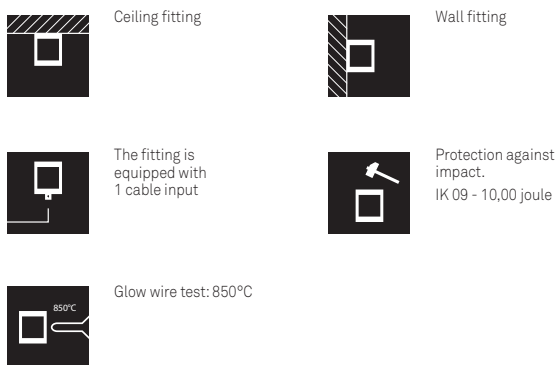
| | | |
|------------|---|-----|
| acc. code | ▶ | 237 |
| prod. code | ▼ | |
| 490100 | | |
| 491600 | | |
| 492900 | | |
| 496000 | | |
| 4927700 | | • |
| 4927800 | | • |



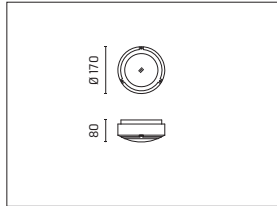
- Luminaire for installation on wall or on ceiling – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: opal, self-extinguishing.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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 Pat: wiring through one rubber cable gland (5mm\varnothing<math><9\text{mm}</math> cables); Pat - Maxi Pat: wiring through a rubber cable holder (5mm\varnothing<math><10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

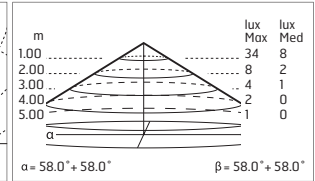
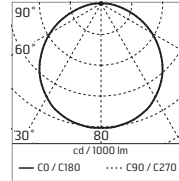
| | | |
|----------|---|---|
| A | ↓ | FLUORESCENT VERSION: Class A TC-DEL/G24q-1 TC-DEL/G24q-2 TC-DEL/G24q-3 TC-SEL/2G7 |
| D | ↓ | HALOGEN VERSION: Class D QT32/E27 D45/E14 |



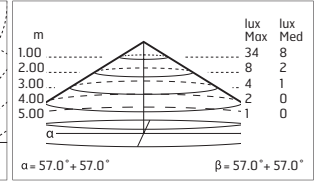
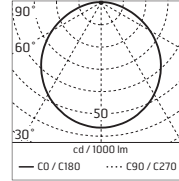
MiniPat



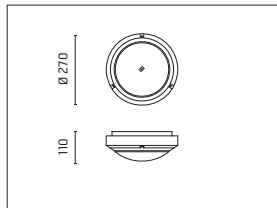
421100 D
D45 40W E14



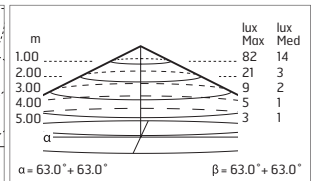
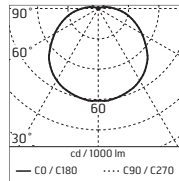
425700 A
TC-DEL 10W G24q-1
Electronic ballast



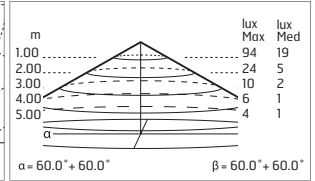
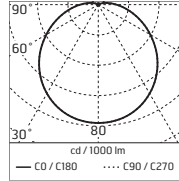
Pat / All-light



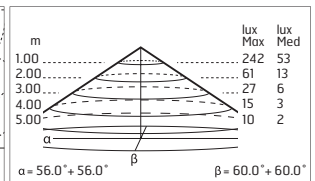
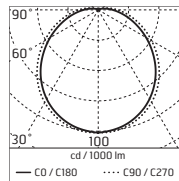
430123 D
QT 32 100W E27



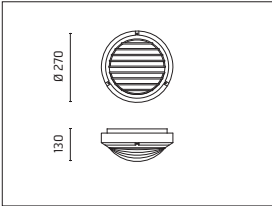
434123 A
TC-SEL 2x9W 2G7
Electronic ballast



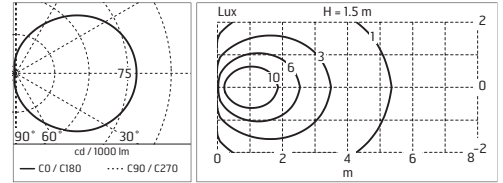
436023 A
TC-DEL 2x18W G24q-2
Electronic ballast



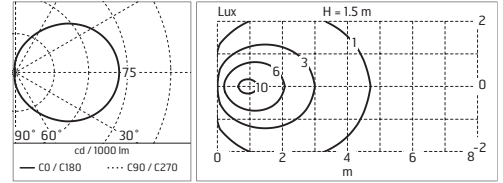
Pat / Louvre



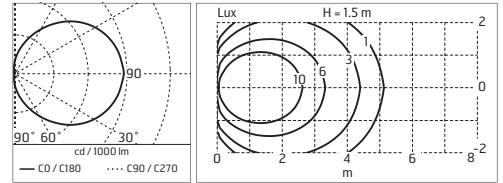
430105 D
QT 32 100W E27



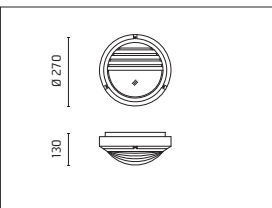
434105 A
TC-SEL 2x9W 2G7
Electronic ballast



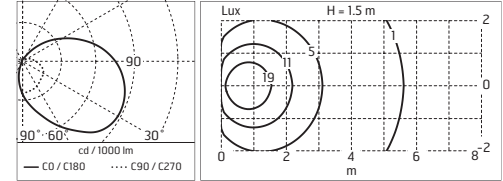
436005 A
TC-DEL 2x18W G24q-2
Electronic ballast



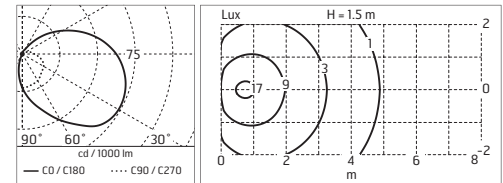
Pat / Half Louvre



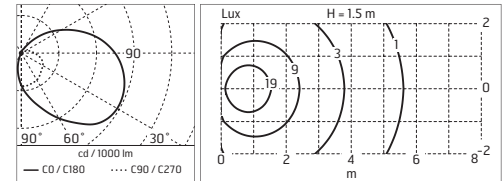
430110 D
QT 32 100W E27



434110 A
TC-SEL 2x9W 2G7
Electronic ballast



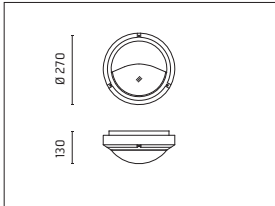
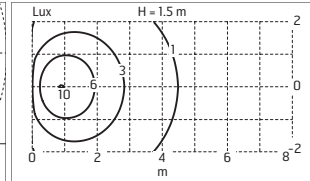
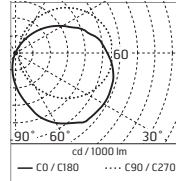
436010 A
TC-DEL 2x18W G24q-2
Electronic ballast



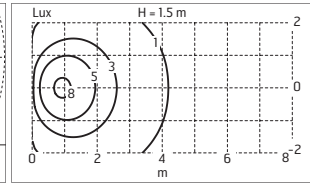
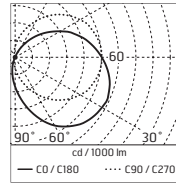
Pat / Visor



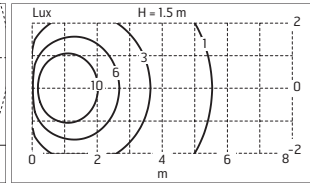
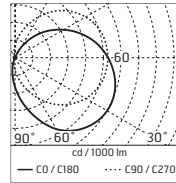
430107 D
QT 32 100W E27



434107 A
TC-SEL 2x9W 2G7
Electronic ballast



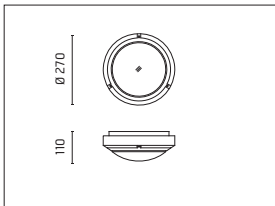
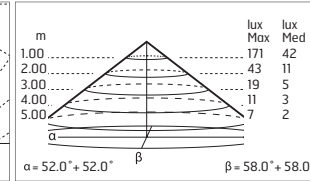
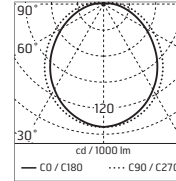
436007 A
TC-DEL 2x18W G24q-2
Electronic ballast



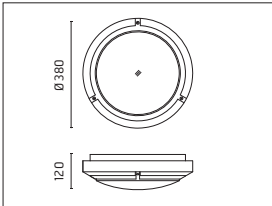
Pat / Emergency (Autonomy: 1h 30 min) - The emergency unit and the power supply unit have a common neutral



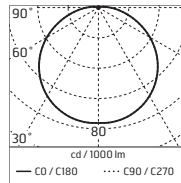
455923 A
TC-DEL 18W G24q-2
Electronic ballast



MaxiPat



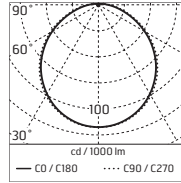
440223 **D**
QT 32 2x75W E27



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 168 | 33 |
| 2.00 | 42 | 8 |
| 3.00 | 19 | 4 |
| 4.00 | 11 | 2 |
| 5.00 | 7 | 1 |

$\alpha = 61.0^\circ + 61.0^\circ$ $\beta = 61.0^\circ + 61.0^\circ$

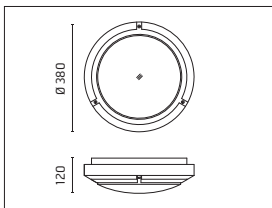
446223 **A**
TC-DEL 2x26W G24q-3
Electronic ballast



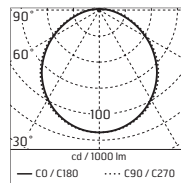
| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 422 | 102 |
| 2.00 | 106 | 26 |
| 3.00 | 47 | 11 |
| 4.00 | 26 | 6 |
| 5.00 | 17 | 4 |

$\alpha = 56.0^\circ + 56.0^\circ$ $\beta = 57.0^\circ + 57.0^\circ$

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



| m | lux | |
|------|-----|-----|
| | Max | Med |
| 1.00 | 422 | 102 |
| 2.00 | 106 | 26 |
| 3.00 | 47 | 11 |
| 4.00 | 26 | 6 |
| 5.00 | 17 | 4 |

$\alpha = 56.0^\circ + 56.0^\circ$ $\beta = 57.0^\circ + 57.0^\circ$



- Luminaire for installation on wall or on ceiling – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: opal, self-extinguishing.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: wiring through a rubber cable holder (5mm$\lt; \lt; 10\text{mm}$ 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



Ceiling fitting



Wall fitting



The fitting is equipped with 1 cable input

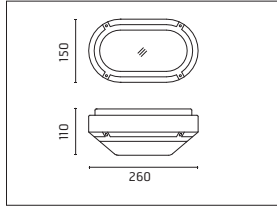


Protection against impact.
IK 09 - 10,00 joule

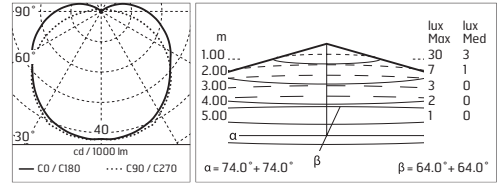


Glow wire test: 850°C

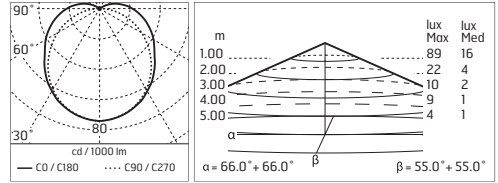
Sam / All-light



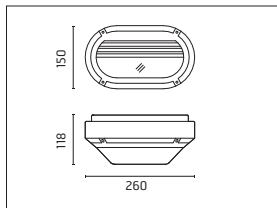
520123 D
QT 32 60W E27



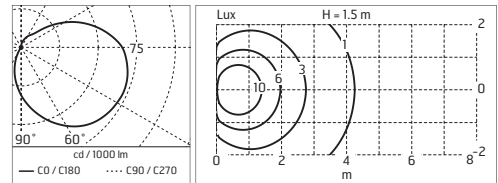
5214123 A
TC-SEL 2x9W 2G7
Electronic ballast



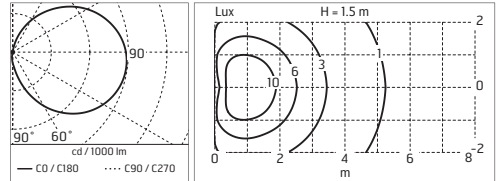
Sam / Half Louvre



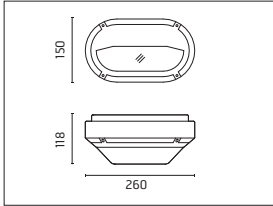
520110 D
QT 32 60W E27



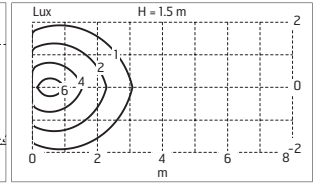
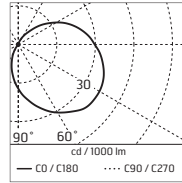
5214110 A
TC-SEL 2x9W 2G7
Electronic ballast



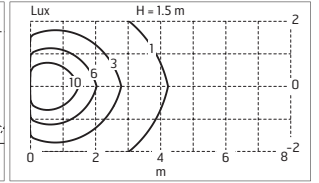
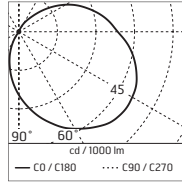
Sam / Horizontal Visor



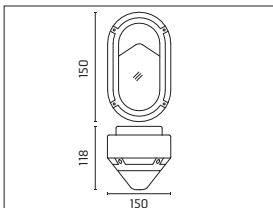
520107 D
QT 32 60W E27



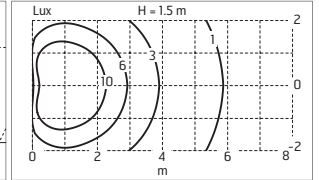
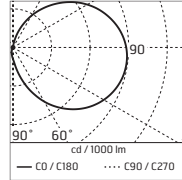
5214107 A
TC-SEL 2x9W 2G7
Electronic ballast



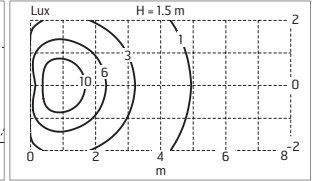
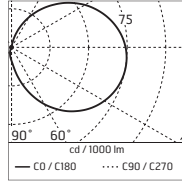
Sam / Vertical Visor



520137 D
QT 32 60W E27



5214137 A
TC-SEL 2x9W 2G7
Electronic ballast















PAOLA

- Luminaire for installation on wall or on ceiling – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted, fixed to the aluminium frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: Paolina: wiring through a PG9 nickel-plated brass cable gland (3,5mm\times8mm cables); Paola: wiring through two M16 plastic cable glands (4,5mm\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 that cannot be replaced |
|  | |
|  | |
|  | FLUORESCENT VERSION: Class A TC-TEL/Gx24q-2 |
|  | |
|  | FLUORESCENT VERSION: Class A TC-D/G24d-3 |
|  | |
|  | HALOGEN VERSION: Class C/D QT-DE12/R7s |
|  | |
|  | HALOGEN VERSION: Class D QT32/E27 QT-DE12/R7s |



Ceiling fitting



Wall fitting



Paolina is equipped with 1 cable input

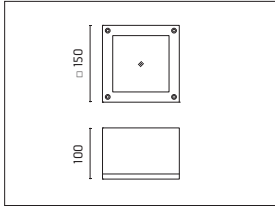


Paola is equipped with 2 cable input

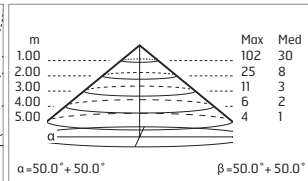
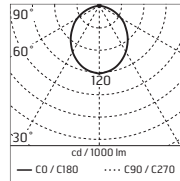


Protection against impact.
IK 08 - 5,00 joule for Paola
IK 07 - 2,00 joule for Paolina

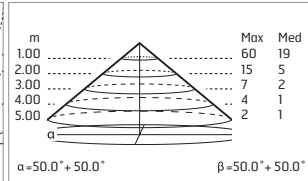
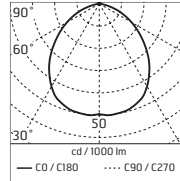
Paolina / All-light - Sandblasted Glass



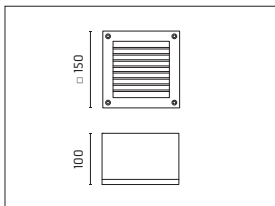
891823 **D C**
QT-DE 12 60W R7s (75mm)



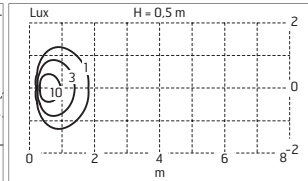
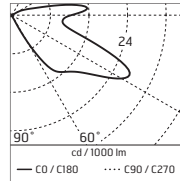
898523 **A**
TC-TEL 18W GX24q-2
Electronic ballast



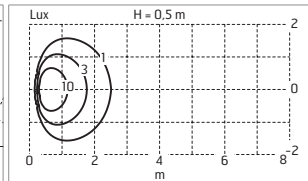
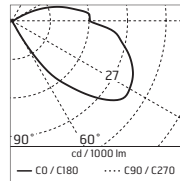
Paolina / Directional Louvre - Sandblasted Glass



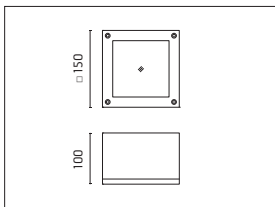
891805 **D C**
QT-DE 12 60W R7s (75mm)



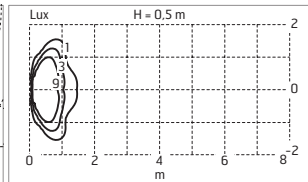
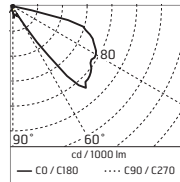
898505 **A**
TC-TEL 18W GX24q-2
Electronic ballast



Paolina / Transparent Glass - Asymmetric Optic - Internal Visor



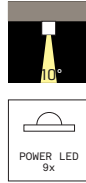
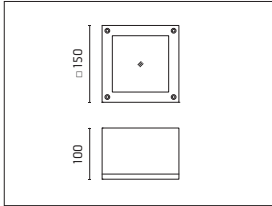
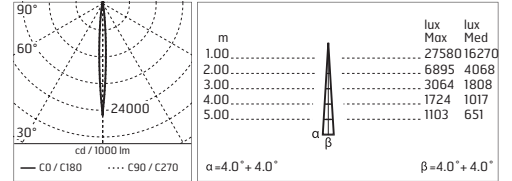
891814 **D C**
QT-DE 12 60W R7s (75mm)



Paolina Power LED / Transparent Glass - Symmetric Optic - Narrow Beam 10°

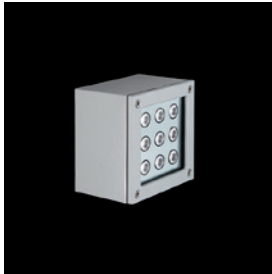


8922812 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,9W /220÷240V
 Total power 12W
 Lm LED 1026 ≠ Lm OUTPUT 939
 CRI>80
 Integral electronic power supply

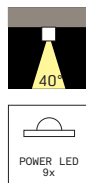
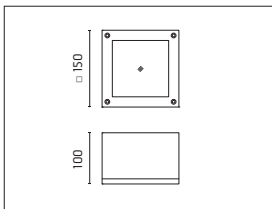
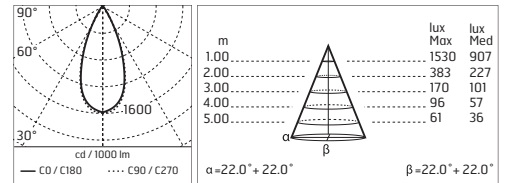


8911012 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,9W /220÷240V
 Total power 12W
 Lm LED 963 ≠ Lm OUTPUT 848
 CRI>80
 Integral electronic power supply

Paolina Power LED / Transparent Glass - Symmetric Optic - Medium Beam 40°



8922823 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,9W /220÷240V
 Total power 12W
 Lm LED 1026 ≠ Lm OUTPUT 820
 CRI>80
 Integral electronic power supply

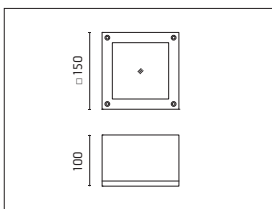
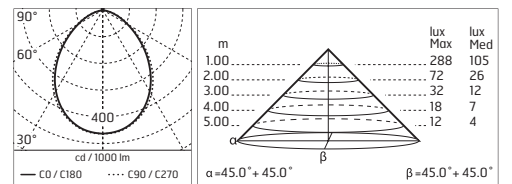


8911023 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,9W /220÷240V
 Total power 12W
 Lm LED 963 ≠ Lm OUTPUT 742
 CRI>80
 Integral electronic power supply

Paolina Power LED / Sandblasted Glass - Symmetric Optic



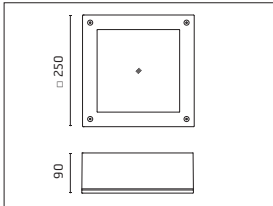
8922857 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LEDs
 9,9W /220÷240V
 Total power 12W
 Lm LED 1026 ≠ Lm OUTPUT 531
 CRI>80
 Integral electronic power supply



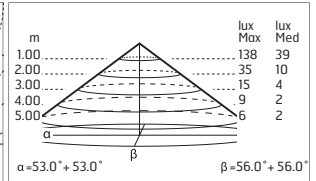
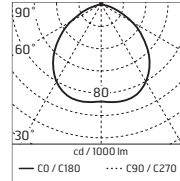
8911057 **A A+ A++**
 WARM WHITE 3000K
 POWER LEDs
 9,9W /220÷240V
 Total power 12W
 Lm LED 963 ≠ Lm OUTPUT 480
 CRI>80
 Integral electronic power supply



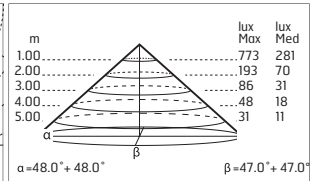
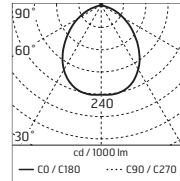
Paola / All-light - Sandblasted Glass - Symmetric Optic



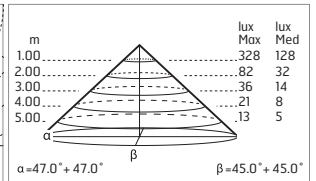
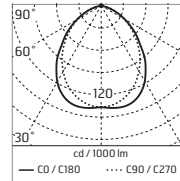
890200 D
QT 32 2x60W E27



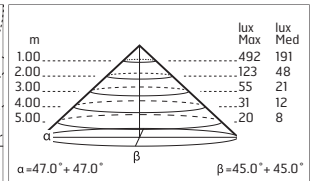
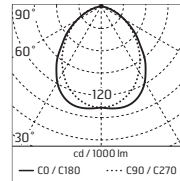
891400 D
QT-DE 12 150W R7s



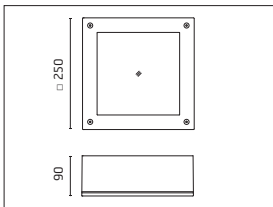
896000 A
TC-DEL 2x18W G24q-2
Electronic ballast



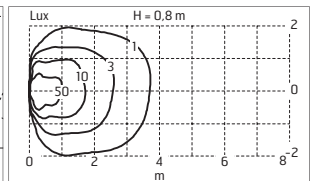
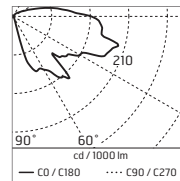
891600 B A
TC-D 2x26W G24d-3



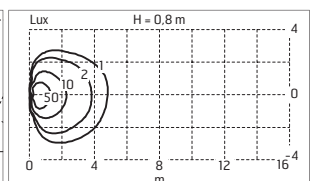
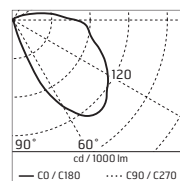
Paola / Transparent Glass - Asymmetric Optic - Internal Visor



891414 D
QT-DE 12 150W R7s



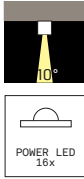
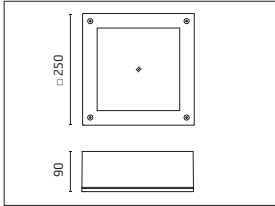
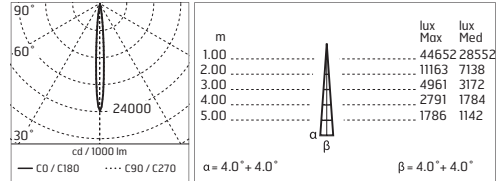
896114 A
TC-DEL 26W G24q-3
Electronic ballast



Paola Power LED / Transparent Glass - Symmetric Optic - Narrow Beam 10°



8922412 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W /220÷240V
 Total power 20W
 Lm LED 1824 ≠ Lm OUTPUT 1588
 CRI>80
 Integral electronic power supply

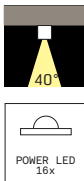
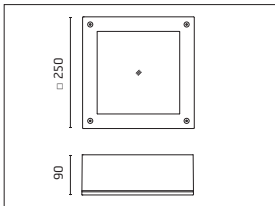
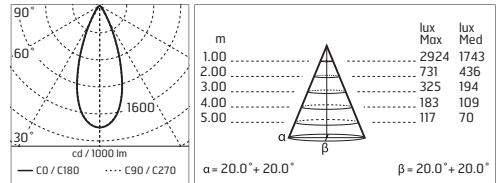


8910112 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 17,6W /220÷240V
 Total power 20W
 Lm LED 1712 ≠ Lm OUTPUT 1435
 CRI>80
 Integral electronic power supply

Paola Power LED / Transparent Glass - Symmetric Optic - Medium Beam 40°



8922423 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W /220÷240V
 Total power 20W
 Lm LED 1824 ≠ Lm OUTPUT 1368
 CRI>80
 Integral electronic power supply

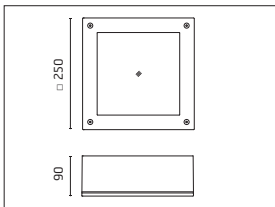
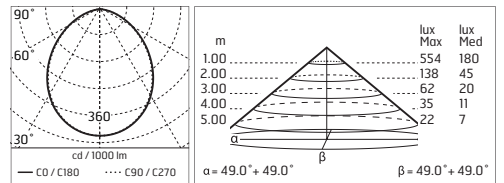


8910123 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 17,6W /220÷240V
 Total power 20W
 Lm LED 1712 ≠ Lm OUTPUT 1237
 CRI>80
 Integral electronic power supply

Paola Power LED / Sandblasted Glass - Symmetric Optic



8922457 A A+ A++
 NATURAL WHITE 4000K
 POWER LEDs
 17,6W /220÷240V
 Total power 20W
 Lm LED 1824 ≠ Lm OUTPUT 1103
 CRI>80
 Integral electronic power supply



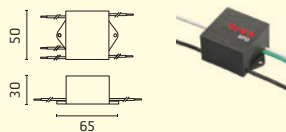
8910157 A A+ A++
 WARM WHITE 3000K
 POWER LEDs
 17,6W /220÷240V
 Total power 20W
 Lm LED 1712 ≠ Lm OUTPUT 999
 CRI>80
 Integral electronic power supply



Accessories: Paola

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



| acc. code ▶ | 237 |
|--------------|-----|
| prod. code ▼ | |
| 890200 | |
| 891400 | |
| 891414 | |
| 891600 | |
| 891805 | |
| 891814 | |
| 891823 | |
| 896000 | |
| 896114 | |
| 898505 | |
| 898523 | |
| 8910112 | ● |

| acc. code ▶ | 237 |
|--------------|-----|
| prod. code ▼ | |
| 8910123 | ● |
| 8910157 | ● |
| 8911012 | ● |
| 8911023 | ● |
| 8911057 | ● |
| 8922412 | ● |
| 8922423 | ● |
| 8922457 | ● |
| 8922812 | ● |
| 8922823 | ● |
| 8922857 | ● |



- Cylindrical luminaire for installation on ceiling – surface mounted.
- Configuration: extruded aluminium structure with die-cast aluminium fixing base and frame EN AB-47100 alloy (low copper content). Glass diffuser: transparent or textured with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that have been sandblasted 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: Ø60mm is equipped with one cable holder (5mm<Ø<9mm cables); H170-300mm: wiring through two rubber cable holders (5mm<Ø<9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

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



Ceiling fitting



Yama H 170-300mm: equipped with 2 cable input



Yama Ø60mm: The fitting is equipped with 1 cable input

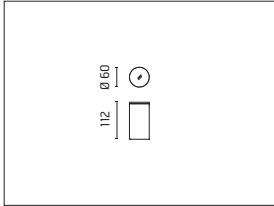
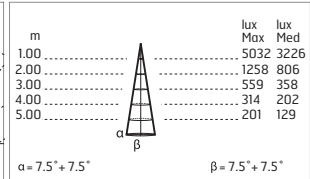
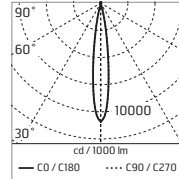


Protection against impact.
IK 05 - 0,70 joule*
IK 07 - 2,00 joule**
*(version ø 60/ ø 110 mm)
**(version ø 150 mm)

Yama Power LED / Ø 60mm - H 110mm - Textured Glass - Narrow Beam 15°



531041 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 510 ≠ Lm OUTPUT 458
 CRI>80
 Integral electronic power supply

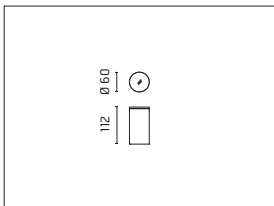
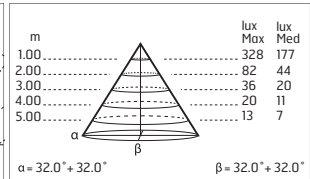
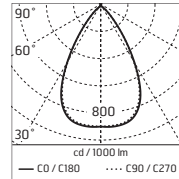


531042 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 475 ≠ Lm OUTPUT 426
 CRI>80
 Integral electronic power supply

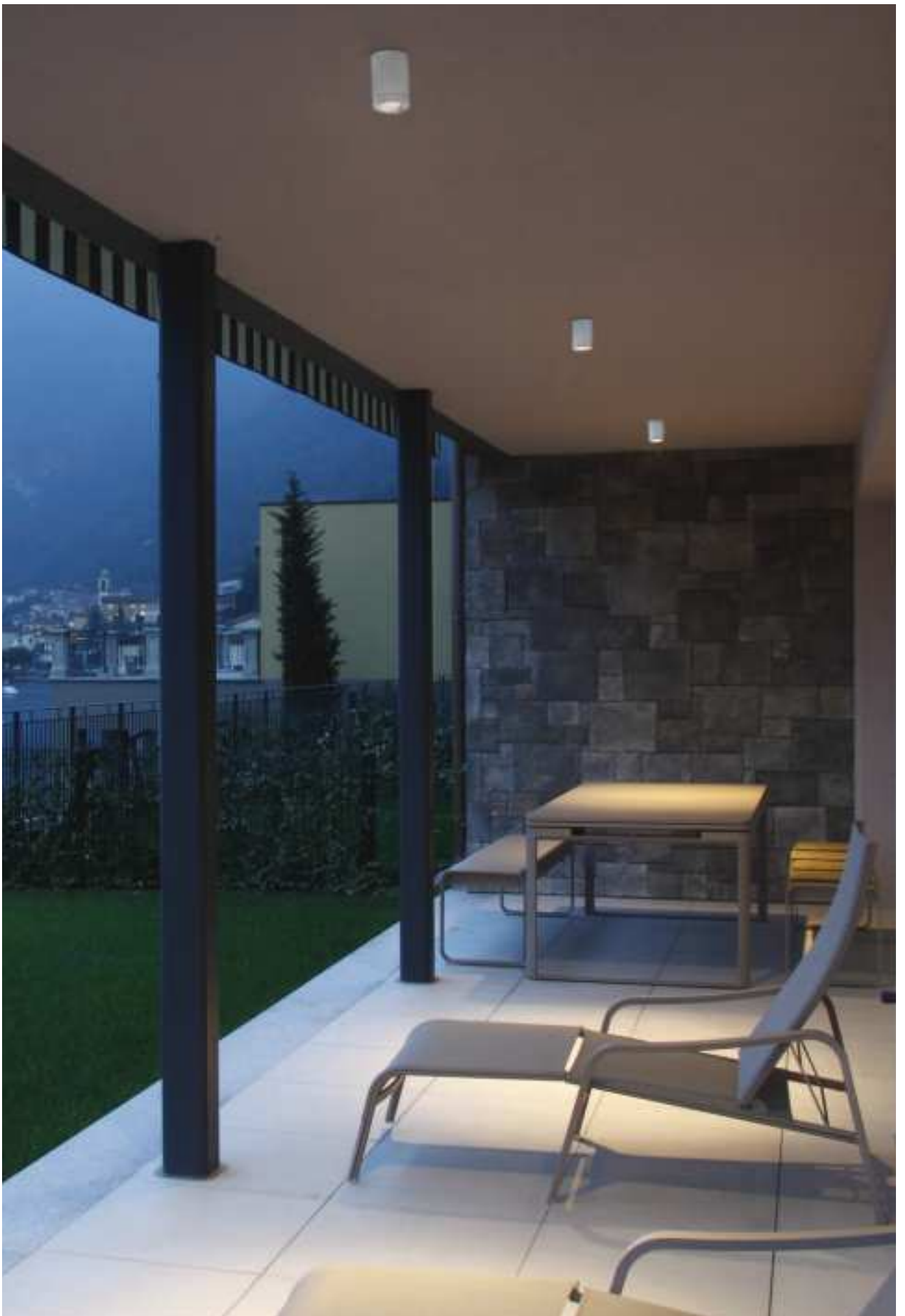
Yama Power LED / Ø 60mm - H 110mm - Textured Glass - Wide Beam 65°



531043 **A A+ A++**
 NATURAL WHITE 4000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 510 ≠ Lm OUTPUT 363
 CRI>80
 Integral electronic power supply



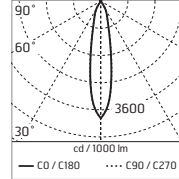
531044 **A A+ A++**
 WARM WHITE 3000K
 POWER LED
 4,4W/220÷240V
 Total power 6W
 Lm LED 475 ≠ Lm OUTPUT 338
 CRI>80
 Integral electronic power supply



Yama CoB LED / Ø 110mm - H 170mm - Textured Glass - Narrow Beam 20° - Direct 230V

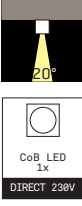
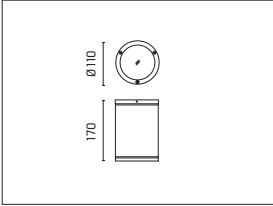


531029 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 10W/220÷230V
 Total power 12W
 Lm LED 951 ≈ Lm OUTPUT 752
 CRI>80
 LED module set up to work
 directly connected to the mains



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 2955 | 1850 |
| 2.00 | 739 | 462 |
| 3.00 | 328 | 206 |
| 4.00 | 185 | 116 |
| 5.00 | 118 | 74 |

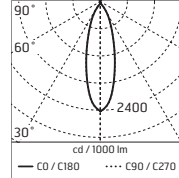
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$



Yama CoB LED / Ø 110mm - H 170mm - Textured Glass - Medium Beam 30° - Direct 230V

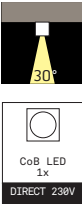
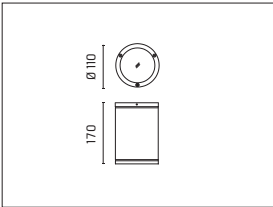


531030 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 10W/220÷230V
 Total power 12W
 Lm LED 951 ≈ Lm OUTPUT 713
 CRI>80
 LED module set up to work
 directly connected to the mains

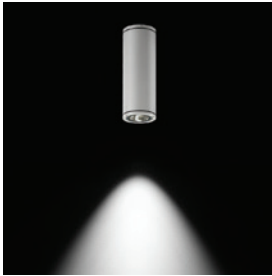


| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 1726 | 1036 |
| 2.00 | 432 | 259 |
| 3.00 | 192 | 115 |
| 4.00 | 108 | 65 |
| 5.00 | 69 | 41 |

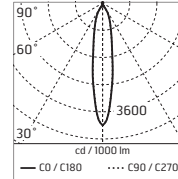
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



Yama CoB LED / Ø 110mm - H 300mm - Transparent Glass - Narrow Beam 20°

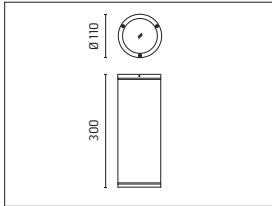


531011 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1641
 CRI>80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 6646 | 4085 |
| 2.00 | 1662 | 1021 |
| 3.00 | 738 | 454 |
| 4.00 | 415 | 255 |
| 5.00 | 266 | 163 |

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

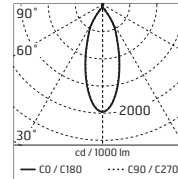


531012 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1744 ≠ Lm OUTPUT 1564
 CRI>80
 Integral electronic power supply

Yama CoB LED / Ø 110mm - H 300mm - Transparent Glass - Medium Beam 40°

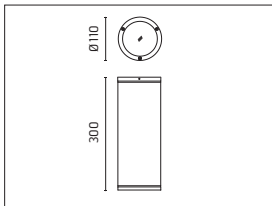


531008 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1829 ≠ Lm OUTPUT 1628
 CRI>80
 Integral electronic power supply



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 3190 | 1852 |
| 2.00 | 797 | 463 |
| 3.00 | 354 | 206 |
| 4.00 | 199 | 116 |
| 5.00 | 128 | 74 |

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

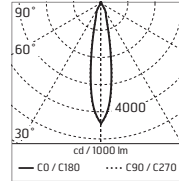


531009 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 12W/220÷240V
 Total power 15W
 Lm LED 1744 ≠ Lm OUTPUT 1552
 CRI>80
 Integral electronic power supply

Yama CoB LED / Ø 150mm - H 170mm - Textured Glass - Narrow Beam 20° - Direct 230V

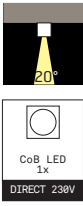
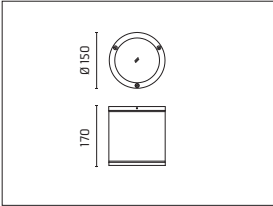


531031 **A+ A+ A+**
 WARM WHITE 3000K
 CoB LED
 22W/220÷230V
 Total power 24W
 Lm LED 2303 ≠ Lm OUTPUT 1659
 CRI>80
 LED module set up to work
 directly connected to the mains



| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 7460 | 4698 |
| 2.00 | 1865 | 1174 |
| 3.00 | 829 | 522 |
| 4.00 | 466 | 294 |
| 5.00 | 298 | 188 |

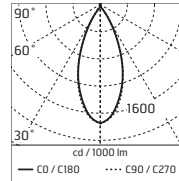
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$



Yama CoB LED / Ø 150mm - H 170mm - Textured Glass - Medium Beam 40° - Direct 230V

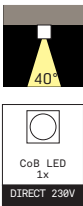
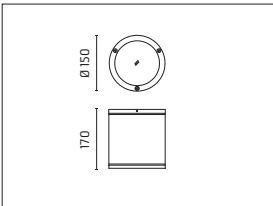


531032 **A+ A+ A+**
 WARM WHITE 3000K
 CoB LED
 22W/220÷230V
 Total power 24W
 Lm LED 2303 ≠ Lm OUTPUT 1610
 CRI>80
 LED module set up to work
 directly connected to the mains

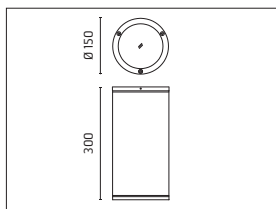
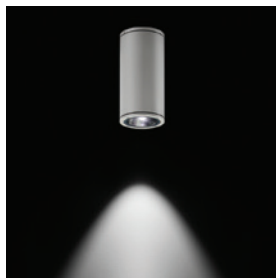


| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 2808 | 1598 |
| 2.00 | 702 | 399 |
| 3.00 | 312 | 178 |
| 4.00 | 176 | 100 |
| 5.00 | 112 | 64 |

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

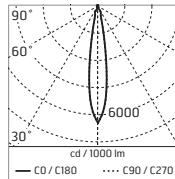


Yama CoB LED / Ø 150mm - H 300mm - Transparent Glass - Narrow Beam 20°



531025 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2632 ≠ Lm OUTPUT 2102
 CRI>80
 Integral electronic power supply

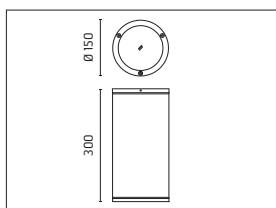
531024 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2567 ≠ Lm OUTPUT 2050
 CRI>80
 Integral electronic power supply



| m | lux | |
|------|-------|------|
| | Max | Med |
| 1.00 | 13609 | 8428 |
| 2.00 | 3402 | 2107 |
| 3.00 | 1512 | 936 |
| 4.00 | 851 | 527 |
| 5.00 | 544 | 337 |

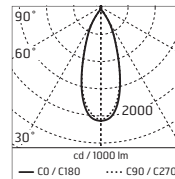
$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

Yama CoB LED / Ø 150mm - H 300mm - Transparent Glass - Medium Beam 40°



531020 **A A+ A++**
 NATURAL WHITE 4000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2632 ≠ Lm OUTPUT 2121
 CRI>80
 Integral electronic power supply

531021 **A A+ A++**
 WARM WHITE 3000K
 CoB LED
 17W/220÷240V
 Total power 20W
 Lm LED 2567 ≠ Lm OUTPUT 2068
 CRI>80
 Integral electronic power supply

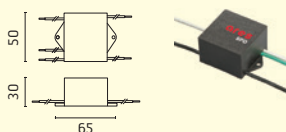


| m | lux | |
|------|------|------|
| | Max | Med |
| 1.00 | 4435 | 2623 |
| 2.00 | 1109 | 656 |
| 3.00 | 493 | 291 |
| 4.00 | 277 | 164 |
| 5.00 | 177 | 105 |

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

Accessories: Yama

237
 SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



| acc. code | ▶ | 237 | acc. code | ▶ | 237 |
|------------|---|-----|------------|---|-----|
| prod. code | ▼ | | prod. code | ▼ | |
| 531008 | ● | | 531031 | ● | |
| 531009 | ● | | 531032 | ● | |
| 531011 | ● | | 531041 | ● | |
| 531012 | ● | | 531042 | ● | |
| 531020 | ● | | 531043 | ● | |
| 531021 | ● | | 531044 | ● | |
| 531024 | ● | | | | |
| 531025 | ● | | | | |
| 531029 | ● | | | | |
| 531030 | ● | | | | |

IP DEGREE OF PROTECTION AND CLASS OF INSULATION

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
-



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

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.



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.



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).

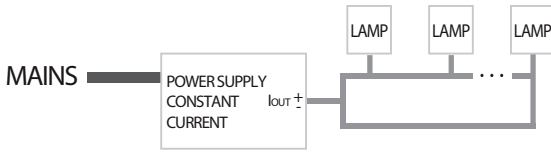


Resistance to external mechanical impacts:
IK code refers to the maximum external impact the luminaire is capable to withstand, without irreversible damage.
In compliance with EN50102 standards.

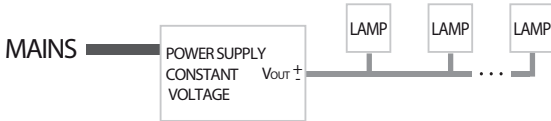
| IK code | Impact Energy (Joule) | Mass/Height |
|---------|-----------------------|-------------|
| IK00 | 0,00 | ----- |
| IK01 | 0,15 | 0,2Kg/70mm |
| IK02 | 0,20 | 0,2Kg/100mm |
| IK03 | 0,35 | 0,2Kg/175mm |
| IK04 | 0,50 | 0,2Kg/250mm |
| IK05 | 0,70 | 0,2Kg/350mm |
| IK06 | 1,00 | 0,5Kg/200mm |
| IK07 | 2,00 | 0,5Kg/400mm |
| IK08 | 5,00 | 1,7Kg/295mm |
| IK09 | 10,00 | 5,0Kg/200mm |
| IK10 | 20,00 | 5,0Kg/400mm |

TECNICAL SCHEMES

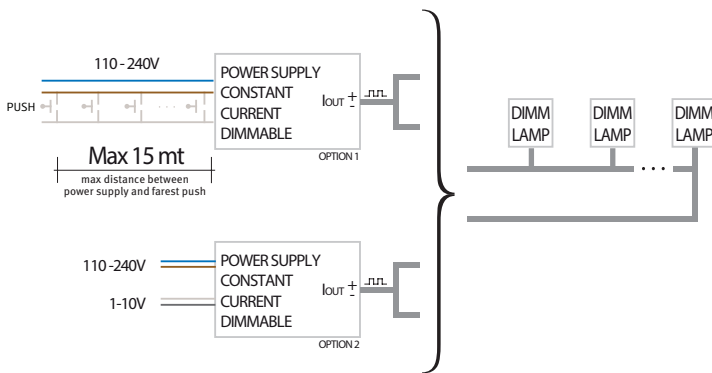
Wiring Diagram and sample series installation n.1



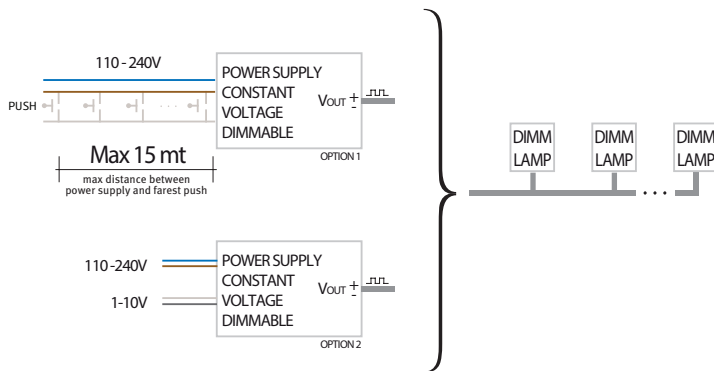
Wiring Diagram and sample parallel installation n.2



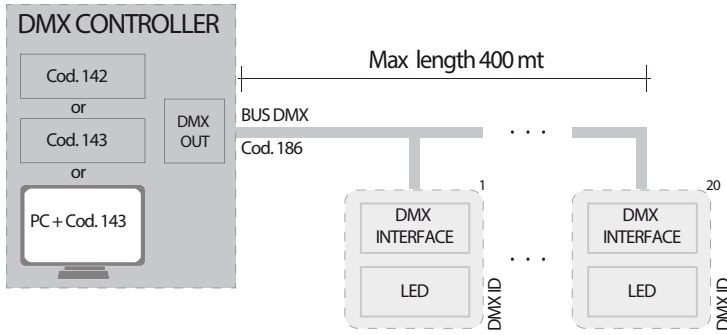
Wiring Diagram and sample dimmable series installation n.3



Wiring Diagram and sample dimmable parallel installation n.4



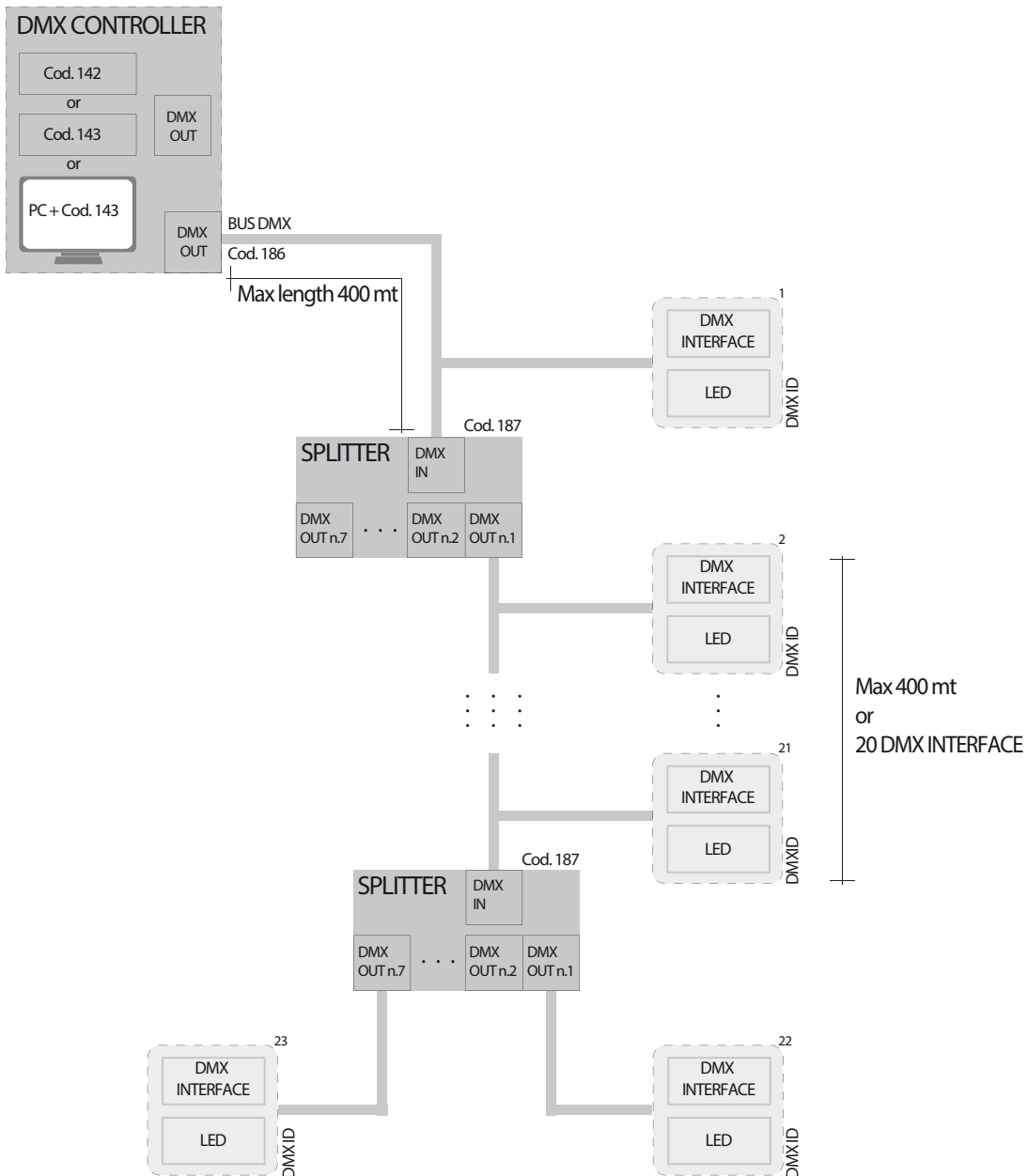
Basic DMX Wiring Scheme



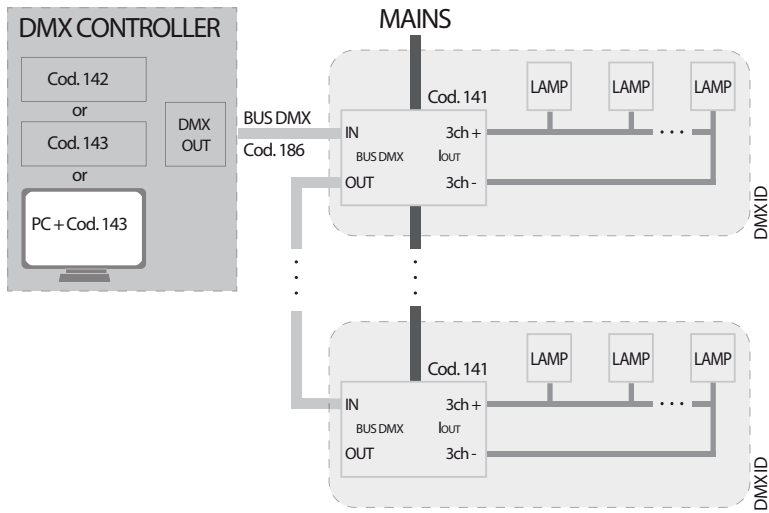
A DMX system can include an unlimited number of fixtures on condition that the following rules are respected:

- 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.

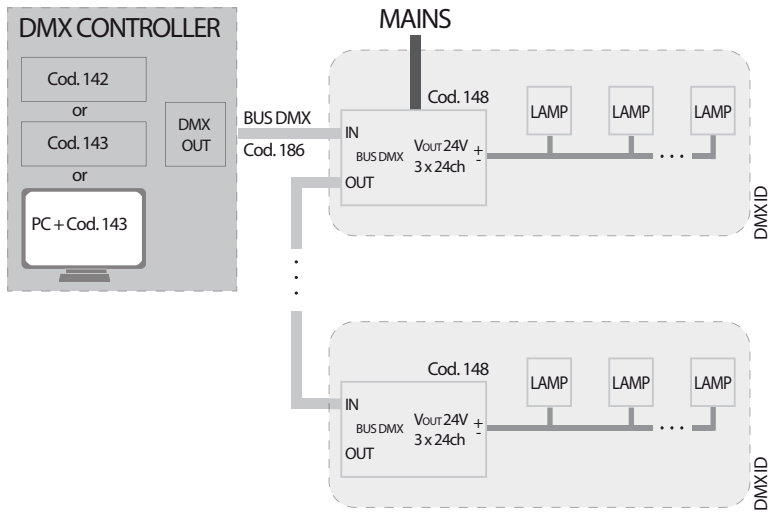
Extended DMX Wiring Pattern



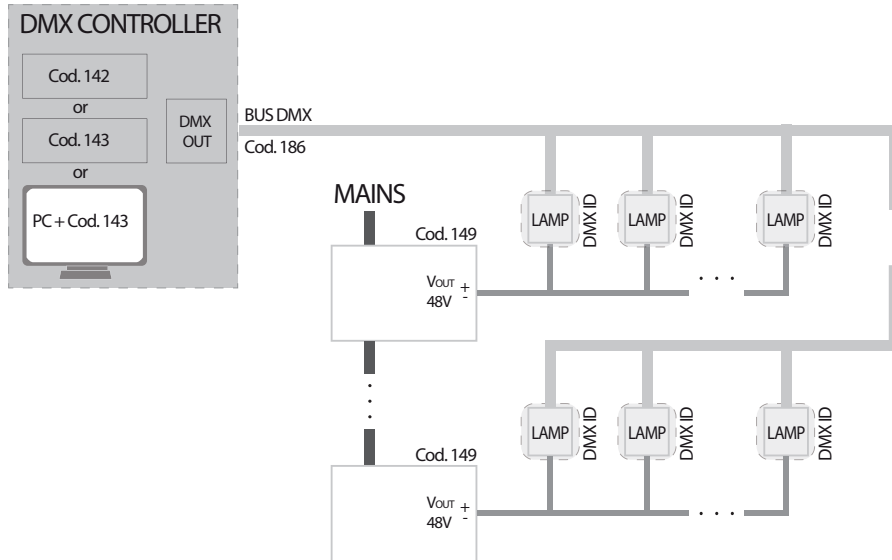
Wiring Diagram and sample installation n.5



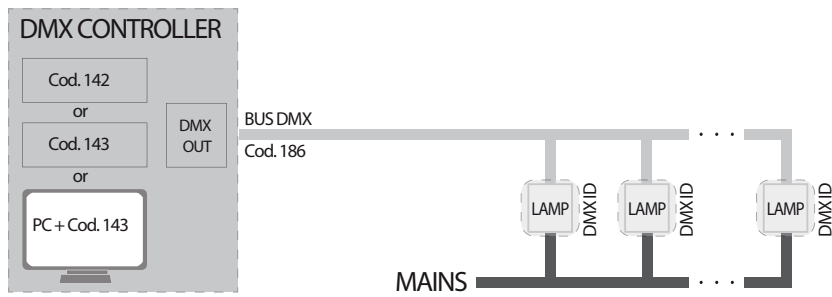
Wiring Diagram and sample installation n.6



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.

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.

Power Supplies must always match installation features: Never use a constant current power supply on a constant tension luminaire and vice versa.

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.

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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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