



CASSIOPEA

- 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

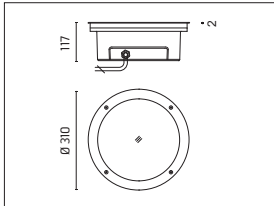
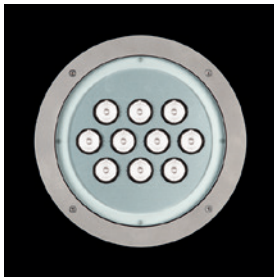


Glass surface temperature <70°C



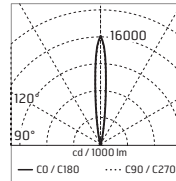
Protection against impact.
IK 09 - 10,00 joule

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



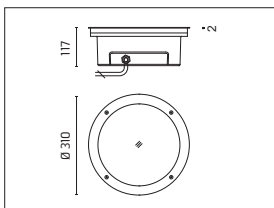
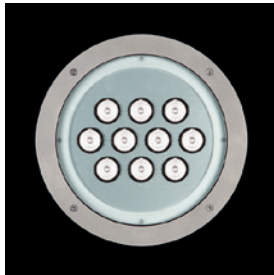
m	lux	
	Max	Med
5.00	1400	884
4.00	2188	1381
3.00	3890	2455
2.00	8753	5525
1.00	35011	22099

α = 5.0° + 5.0° β = 5.0° + 5.0°

7511312 A A+ A++

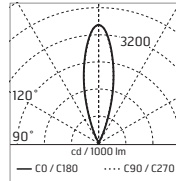
WARM WHITE 3000K
POWER LEDs
22W/110÷240V
Total power 28W
lm LED 2502 ≠ lm OUTPUT 2025
CRI >80
Integral electronic power supply
Dimmable on request

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



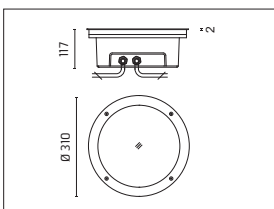
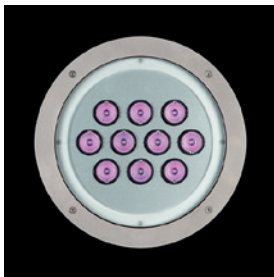
m	lux	
	Max	Med
5.00	287	173
4.00	449	270
3.00	798	479
2.00	1795	1079
1.00	7181	4314

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°



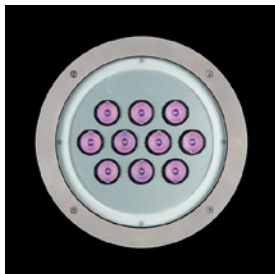
7518512 A A+ A++

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

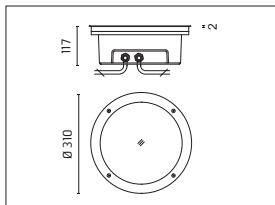
Cassiopea RGB Power LED / Round Version - Medium Beam 35°



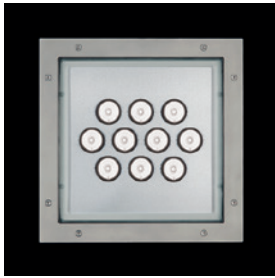
7518513 A A+ A++
RGB
POWER LEDs
34W/230V with DMX interface
Total power 40W
Integral electronic power supply

Wiring diagram and installation scheme RGB

>> See Page 517
Wiring Diagram n.8

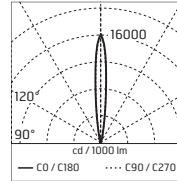


Cassiopea Power LED / Square Version - Narrow Beam 10°



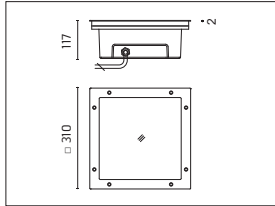
7618412 **A A+ A++**

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++**

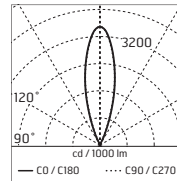
WARM WHITE 3000K
 POWER LEDs
 22W/110÷240V
 Total power 28W
 lm LED 2502 ≠ lm OUTPUT 2025
 CRI >80
 Integral electronic power supply
 ..||| Dimmable on request

Cassiopea Power LED / Square Version - Medium Beam 30°



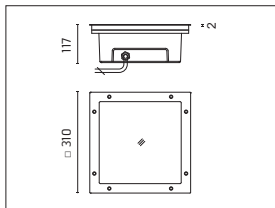
7618413 **A A+ A++**

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

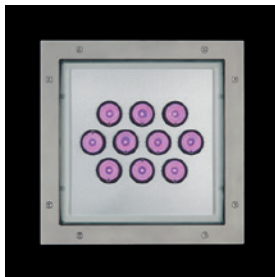
α = 15.0° + 15.0° β = 15.0° + 15.0°



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°

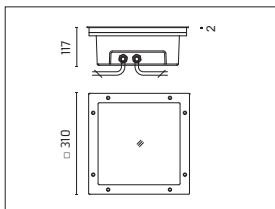


7618512 **A A+ A++**

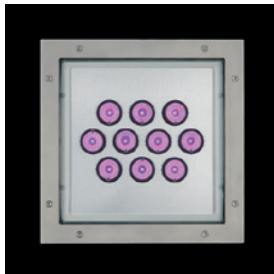
RGB
 POWER LEDs
 34W/230V with DMX interface
 Total power 40W
 Integral electronic power supply

Wiring diagram and installation scheme RGB

>> See Page 517
 Wiring Diagram n.8



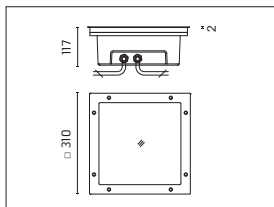
Cassiopea RGB Power LED / Square Version - Medium Beam 35°



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

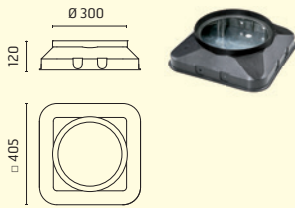
>> See Page 517
Wiring Diagram n.8



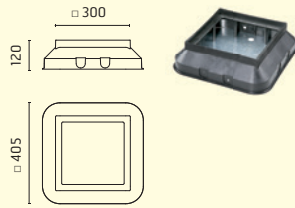


Accessories: Cassiopea

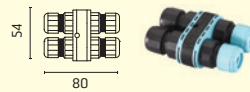
73
BOX FOR INSTALLATION
405 x 405 H 120mm



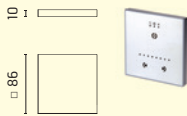
74
BOX FOR INSTALLATION
405 x 405 H 120mm



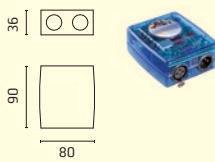
215
3/4 WAY TERMINAL BLOCK 3 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



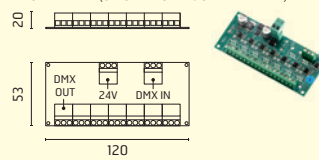
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



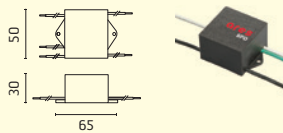
187
DMX SPLITTER - ELECTRONIC DEVICE TO
REGENERATE THE DMX SIGNAL. 1 INPUT
AND 7 OUTPUT. 12÷24Vdc POWER SUPPLY TO
BE ORDERED (87 OR 175 RECOMMENDED)



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



237
SPD: (SURGE PROTECTION DEVICE) 275V_{ac}
MAXIMUM DISCHARGE CURRENT 10kA (8/20µs)
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		•		•	•	•	•	•