

524003

Product Sheet

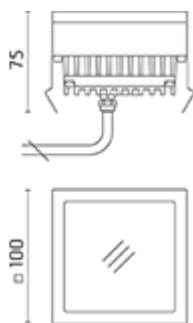
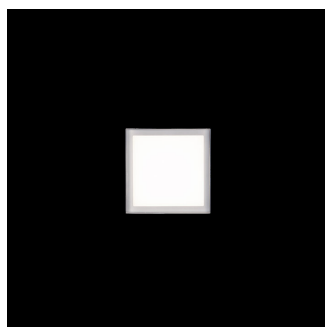
ares®

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K12

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

K12sq Mid-Power LED / Diffused light



Product Code Details

524003

Light Source



WARM WHITE 3000K MID-POWER LEDs 7W/24Vdc

Total power 6,8W

LED Im 707 FIXT Im 382

CRI>80

Remote electronic power supply to be ordered

Dimmable on request, acc.: 144,176



IP67

Available Colors for this Version



Inox

Warnings

Ground Recessed



Recessed ground fitting.



Do not install in hollow areas.



Pre-wired with approx 300mm of cable.



Remote device required.



Glass surface temperature



Installation requires a 30 cm water drainage layer (gravel)



Protection against water ingress from the cable.



Static load: 1500Kg walk over.



Protection against impact. IK 10 - 20,00 joule

Wall Recessed



Pre-wired with approx 300mm of cable.



Remote device required.



Recessed wall fitting.



Protection against water ingress from the cable.



Protection against impact. IK 10 - 20,00 joule

Light Flux, Placement



Accessories



Box for installation
120 x 120 x H 95 mm
Code: 151



Suction cup to pull the luminaire
Code: 153



Power supply
10W/110÷240V - 24Vdc
IP20 CLASS II SELV.
Code: 87



Power supply
10W/110÷240V - 24Vdc
IP67 CLASS II SELV.
Code: 175



Power supply
17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.
Code: 144



Power supply
17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.
Code: 176



Power supply
20W/220÷240V - 24Vdc
IP67 CLASS II SELV.
Code: 147



Power supply
50W/120÷240V - 24Vdc
IP67 CLASS II SELV.
Code: 155



Power supply
70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.
Code: 110



Power supply
100W /120÷240V - 24Vdc
IP67 CLASS II SELV.
Code: 156