

524022

Product Sheet



THE OUTDOOR BY FLOS

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K12

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.

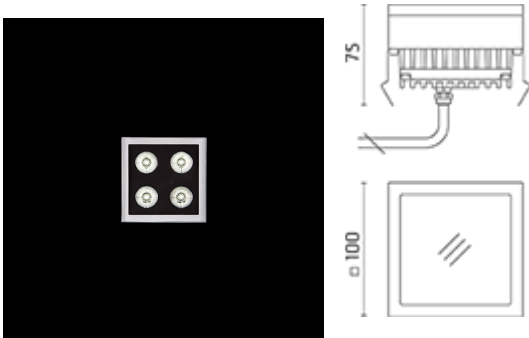


Warnings

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)
- Static load: 1500Kg walk over
- Protection against impact. IK 10 - 20,00 joule

K12sq Power LED / Medium beam 40°



Wall Recessed

- Pre-wired with approx 300mm of cable.
- Remote device required
- Recessed wall fitting
- Protection against impact. IK 10 - 20,00 joule

Light Flux, Placement



Product Code Details

524022

Light Source



NATURAL WHITE 4000K POWER LEDs 6,2W/24Vdc
Total power 7,5W
LED lm 730 ÷ OUTPUT lm 462
CRI>80

Remote electronic power supply to be ordered



Accessories



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



Code: 153
Suction cup to pull the luminaire



Code: 87
Supported n. of lamps: 1
Power supply
10W/110÷240V - 24Vdc
IP20 CLASS II SELV.



Code: 175
Supported n. of lamps: 1
Power supply
10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



Code: 155
Supported n. of lamps: 5
Power supply
50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



Code: 110
Supported n. of lamps: 8
Power supply
70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.