

# 524112

Product Sheet



THE OUTDOOR BY FLOS

ARES s.r.l - Socio Unico  
v.le dell'Artigianato n.24 - 20881 Bernareggio - MB (Italy)  
www.aresill.net - flos.outdoor@flos.com

## 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.

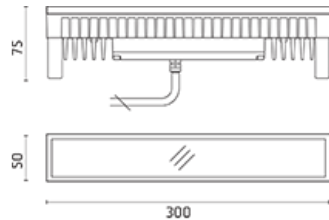
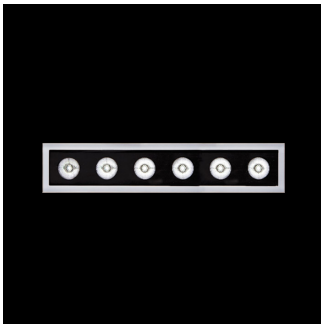


### Warnings

#### 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

### K12In Power LED / Narrow beam 10°



#### 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

# 524112

Light Source



NATURAL WHITE 4000K POWER LEDs 9,3W/24Vdc  
Total power 11,8W  
LED Im 1094 ÷ OUTPUT Im 967  
CRI>80

Remote electronic power supply to be ordered



## Accessories

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Code: 183  
Box for installation  
322 x 70 x H 95 mm



Code: 153  
Suction cup to pull the luminaire



Code: 147  
Supported n. of lamps: 1  
Power supply  
20W/220÷240V - 24Vdc  
IP67 CLASS II SELV.



Code: 155  
Supported n. of lamps: 3  
Power supply  
50W/120÷240V - 24Vdc  
IP67 CLASS II SELV.



Code: 110  
Supported n. of lamps: 6  
Power supply  
70W/220÷240V - 24Vdc  
IP67 CLASS II SELV EQ.