

# 524522

Product Sheet

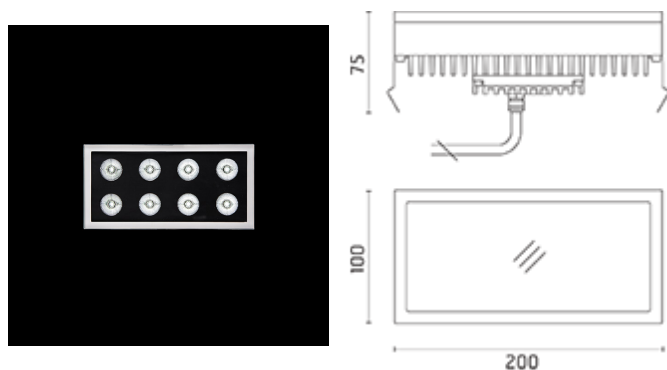
**ares**  
THE OUTDOOR BY FLOS

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.

### K12rc Power LED / Medium beam 40°



IP67   

### Warnings

#### Ground Recessed



Recessed ground fitting



Pre-wired with approx 300mm of cable.



Glass surface temperature



Static load: 1500Kg walk over



Do not install in hollow areas



Remote device required



Installation requires a 30 cm water drainage layer (gravel)



Protection against impact. IK 10 - 20,00 joule

#### Wall Recessed



Pre-wired with approx 300mm of cable.



Recessed wall fitting



Remote device required



Protection against impact. IK 10 - 20,00 joule

### Light Flux, Placement



### Product Code Details

# 524522

Light Source

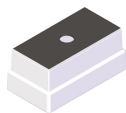


NATURAL WHITE 4000K POWER LEDs 12,4W/24Vdc  
Total power 15W  
LED lm 1459 ÷ OUTPUT lm 906  
CRI>80  
Remote electronic power supply to be ordered



## Accessories

---



Code: 152  
Box for installation  
220 x 120 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: 2  
Power supply  
50W/120÷240V - 24Vdc  
IP67 CLASS II SELV.



Code: 110  
Supported n. of lamps: 4  
Power supply  
70W/220÷240V - 24Vdc  
IP67 CLASS II SELV EQ.