

# 524502

Product Sheet

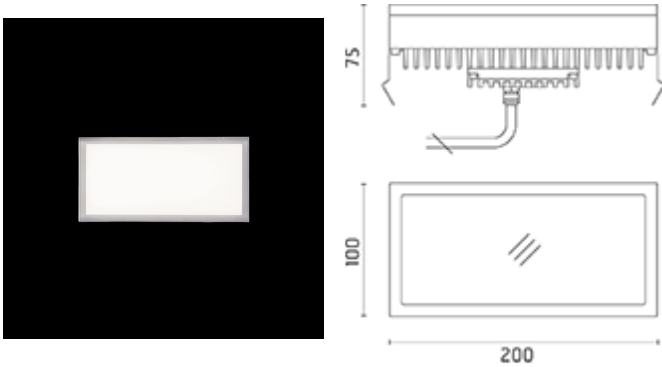
**ares**  
THE OUTDOOR BY FLOS

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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.

### K12rc Mid-Power LED / Diffused light



### Product Code Details

## 524502

Light Source



NATURAL WHITE 4000K MID-POWER LEDs 11,7W/24Vdc  
Total power 15,8W  
LED lm 1829 ÷ OUTPUT lm 1060  
CRI>80  
Remote electronic power supply to be ordered  
Dimmable on request, acc.: 144,176



IP67

### 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

#### Wall Recessed

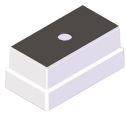
- Pre-wired with approx 300mm of cable.
- Remote device required
- Recessed wall fitting
- Protection against impact. IK 10 - 20,00 joule

### Light Flux, Placement



## Accessories

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Code: 152  
Box for installation  
220 x 120 x H 95 mm



Code: 153  
Suction cup to pull the luminaire



Code: 144  
Supported n. of lamps: 1  
Power supply  
17W/110÷240V - 24Vdc  
(15W@110V) IP20 CLASS II SELV.



Code: 176  
Supported n. of lamps: 1  
Power supply  
17W/110÷240V - 24Vdc  
(15W@110V) IP67 CLASS II SELV.



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: 4  
Power supply  
70W/220÷240V - 24Vdc  
IP67 CLASS II SELV EQ.



Code: 156  
Supported n. of lamps: 6  
Power supply  
100W /120÷240V - 24Vdc  
IP67 CLASS II SELV.