

524103

Product Sheet

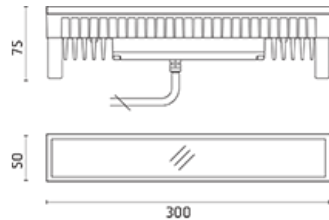
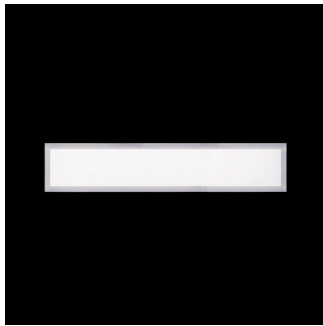
ares
THE OUTDOOR BY FLOS

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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.

K12In Mid-Power LED / Diffused light



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



Product Code Details

524103

Light Source



WARM WHITE 3000K MID-POWER LEDs 7,8W/24Vdc
Total power 10,5W
LED lm 1161 ÷ OUTPUT lm 578
CRI>80

Remote electronic power supply to be ordered
Dimmable on request, acc.: 144,176



Accessories



Code: 183
Box for installation
322 x 70 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: 4
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.



Code: 156
Supported n. of lamps: 9
Power supply
100W /120÷240V - 24Vdc
IP67 CLASS II SELV.