



designplan 

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- Square luminaire for installation in wall and ground – recessed.
- Configuration: die-cast aluminum structure, EN AB-47100 alloy (low copper content). Glass diffuser fixed to the aluminum body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminum 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 aluminum 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
- Installation: the luminaire is equipped with 11.81" 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 >7.87" 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.



Recessed ground fitting



Recessed wall fitting



Do not install in hollow areas



Installation requires a 7.87" water drainage layer (gravel).



Pre-wired with approx 11.81" of cable.



Protection against water ingress from the cable (not for RGB versions)



Remote device required.



Static load: 3306.93 lbs walk over

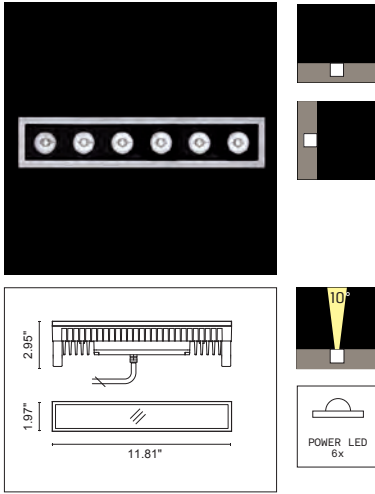


Glass surface temperature <70°C

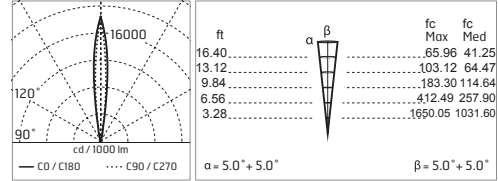


Protection against impact. IK 10 - 20,00 joule

K12In Power LED / Narrow Beam 10°

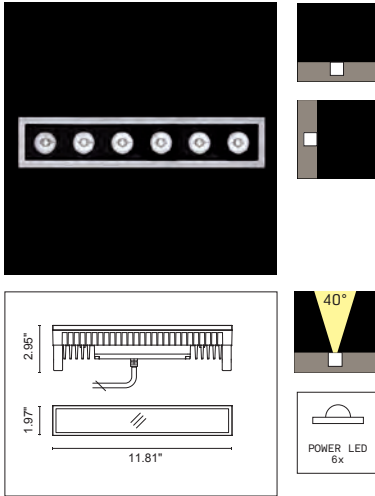


U524112
 NATURAL WHITE 4000K
 POWER LEDs
 9.3W/24Vdc
 Total power 11.8W
 lm LED 1094 ≠ lm OUTPUT 967
 CRI>80
 Remote electronic power supply
 to be ordered

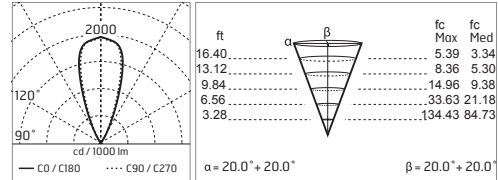


U524113
 WARM WHITE 3000K
 POWER LEDs
 9.3W/24Vdc
 Total power 11.8W
 lm LED 1027 ≠ lm OUTPUT 916
 CRI>80
 Remote electronic power supply
 to be ordered

K12In Power LED / Medium Beam 40°

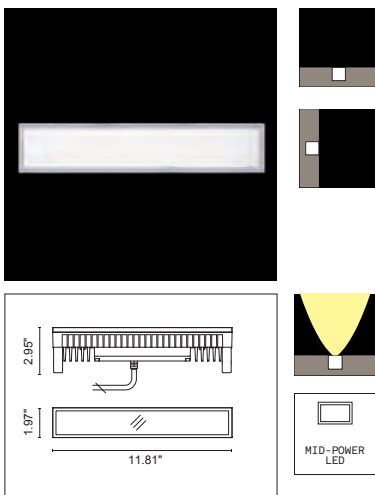


U524122
 NATURAL WHITE 4000K
 POWER LEDs
 9.3W/24Vdc
 Total power 11.8W
 lm LED 1094 ≠ lm OUTPUT 737
 CRI>80
 Remote electronic power supply
 to be ordered

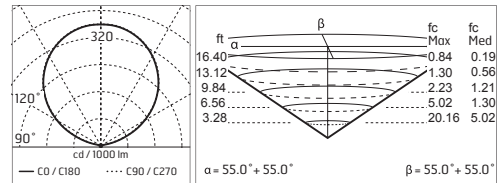


U524123
 WARM WHITE 3000K
 POWER LEDs
 9.3W/24Vdc
 Total power 11.8W
 lm LED 1027 ≠ lm OUTPUT 697
 CRI>80
 Remote electronic power supply
 to be ordered

K12In Mid-Power LED / Diffused Light



U524102
 NATURAL WHITE 4000K MID-
 POWER LEDs
 7.8W/24Vdc
 Total power 10.5W
 lm LED 1219 ≠ lm OUTPUT
 607 CRI>80
 Remote electronic power supply
 to be ordered



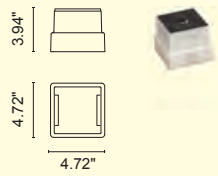
U524103
 WARM WHITE 3000K
 MID-POWER LEDs
 7.8W/24Vdc
 Total power 10.5W
 lm LED 1161 ≠ lm OUTPUT
 578 CRI>80
 Remote electronic power supply
 to be ordered



Accessories: K12

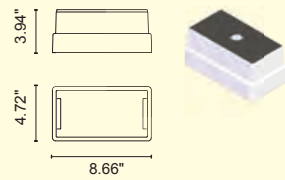
U151

BOX FOR INSTALLATION
4.72" x 4.72" x H 3.74"



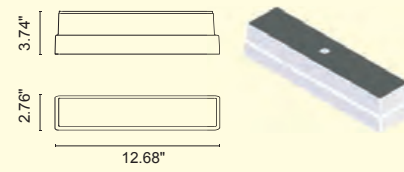
U152

BOX FOR INSTALLATION
8.66" x 4.72" x H 3.94"



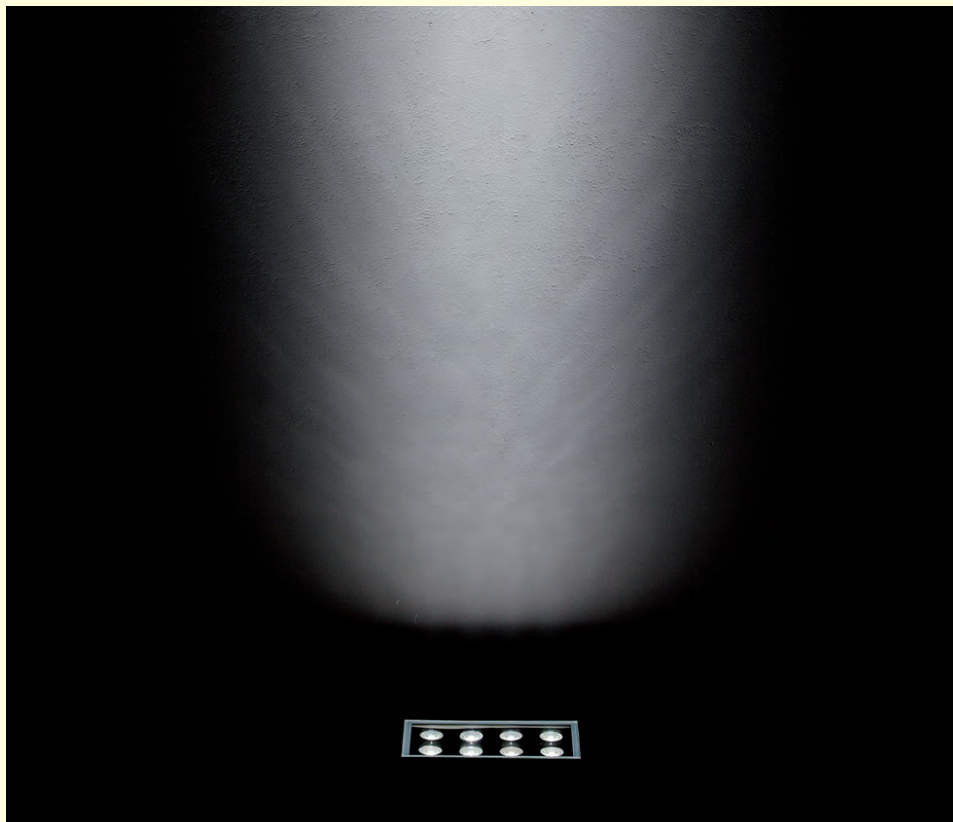
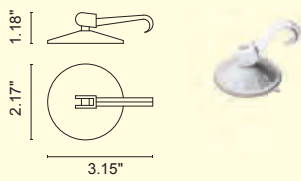
U183

BOX FOR INSTALLATION
12.68" x 2.76" x H 3.74"



U153

SUCTION CUP TO PULL THE LUMINAIRE



acc. code ▶	U151	U152	U183	U153
prod. code ▼				
U524002	•			•
U524003	•			•
U524004	•			•
U524012	•			•
U524013	•			•
U524022	•			•
U524023	•			•
U524502		•		•
U524503		•		•
U524504		•		•
U524512		•		•
U524513		•		•
U524522		•		•
U524523		•		•
U524102			•	•
U524103			•	•
U524104			•	•
U524112			•	•
U524113			•	•
U524122			•	•
U524123			•	•