

Leo 160 Power Led Unidirectional

12324144.12 - Forest Green

Luminaire for installation on wall – surface mounted.

Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: lens or transparent or sandblasted glass fixed to the structure through a robotic gluing system.

Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that 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 that 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: IP65

In compliance with EN 60598-1 standards

Class of insulation: I

Installation: wiring through two cable holders (8mm<Ø<13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

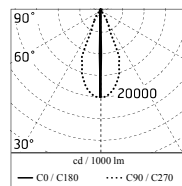
Chemical substances affect the anticorrosion covering protection.

Main specifications

Power (W)	6.2	Mountings	Wall surface
System power (W)	9.8	Environment	Outdoor
CCT (K)	3000K		
CRI	80		
Net lumen (lm)	120		

Optical

Lighting type	Direct
LED type	Power LED
Light distribution	Symmetric
Optical type	Super spot



m	lux Max	lux Med
1.00	2542	1639
2.00	635	410
3.00	282	182
4.00	159	102
5.00	102	66

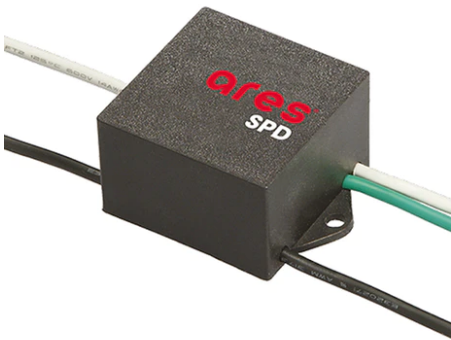
Electrical

Frequency (Hz)	50-60	Insulation class	I
Voltage (V)	110-240		
Dimmable	No		
Driver type	Not dimmable		
Emergency	Without		

Physical

Color	Forest Green
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Leo 160 Power Led Unidirectional



SPD (Surge Protection Device)
237



Pole Leo 160 h 70 mm
12425.12



Pole Leo 160 h 330 mm
12455.12



Pole Leo 160 h 680 mm
12490.12