

## Iota Pole h 900 mm

■ 513050.3 - Anthracite

Adjustable projector for installation on wall, ceiling or floor.

Configuration: turned aluminium body (EN AW 6060) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the 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 sand-blasted 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 EN60598-1 standards

Class of insulation: III

Installation: the luminaire is supplied with 2000 mm neoprene cable for an easy-to-make connection. It is equipped with a dc / dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak. The version on pole is equipped with a 2-way terminal block for 3-conductor cables – H2O stop.

We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

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.

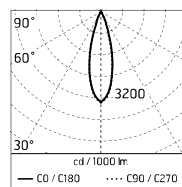
Chemical substances affect the anticorrosion covering protection.

### Main specifications

<b>Power (W)</b>	2.2	<b>Mountings</b>	Pole
<b>System power (W)</b>	3.4	<b>Environment</b>	Outdoor
<b>CCT (K)</b>	4000K		
<b>CRI</b>	80		
<b>Net lumen (lm)</b>	125		

### Optical

<b>Lighting type</b>	Direct
<b>LED type</b>	Power LED
<b>Light distribution</b>	Symmetric
<b>Optical type</b>	Medium



m	lux Max	lux Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

### Electrical

<b>Frequency (Hz)</b>	50-60	<b>Insulation class</b>	III
<b>Voltage (V)</b>	24		
<b>Dimmable</b>	No		
<b>Driver type</b>	Not dimmable		
<b>Emergency</b>	Without		

### Physical

<b>Color</b>	Anthracite
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### Note

Dimmable version on request

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Power Supply 8W 110+240Vac/24Vdc  
Ip67  
235



Power Supply 20W 220+240V/24Vdc  
Ip67  
147



Power Supply 50W 120+240V/24Vdc  
Ip67  
155



Power Supply 70W 220+240V/24Vdc  
Ip67  
110



3/4 Way Terminal Block 4 Poles Ip68  
H2O Stop  
215