



### General Features

Description:	LED bollard
Insulation class:	class II
Rated voltage:	220-240 V 50/60 Hz
Protection Grade:	IP66
Impact protection:	IK10
Power Factor:	> 0.90
Ambient temperature Ta:	-30°C +50°C
Weight:	6 kg
Max exposed surface:	0.06 m <sup>2</sup>
Lateral exposed surface:	0.06 m <sup>2</sup>
Common mode surge protection:	10 kV
Overvoltage protection differential mode:	6 kV
Driver:	included
Driver lifetime:	>100.000h @700mA @Ta25°C / <0,2% 1000h
Marks and Certifications:	CE

### Performance Data\*

LED Current:	540 mA
Source flow:	1420 lm
Source power:	8 W
Source efficiency:	178 lm/W
Device flow:	470 lm
Device power:	9.5 W
Appliance efficiency:	49 lm/W

**Optical System**

Source: LED
Color Temperature: 3000 K
Color Rendering Index (CRI): $\geq 80$
Chromatic consistency (SDCM): $\leq 3$
Type of optics: asymmetrical wide beam AD 180°
Optical group life: >100.000h @Ta25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%

**Normative References**

EN60598-1 / EN60598-2-3 / EN62471 / EN61547
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**Installation and maintenance**

Installation: ground
Ø power cable: 7 ÷ 13.5 mm
Cable Gland: PG16

**Flow adjustment**

DALI control	Standard X
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**Materials**

Body: body, collimator and fixing base in die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%); steam pole in extruded aluminium alloy
Lenses: wide opal polycarbonate
Seals: expanded anti-age silicone foam
Screws: stainless steel
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

**Colors**

 Grey RAL9006	Code: <b>06IO3A5890AHL</b>
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## Complements



06PY999X0

Anchoring bolts kit  
L=200 mm.

## NOTES

### \*Performance data

The values indicated in this data sheet are nominal values with a tolerance of +/-7%.

Source flux and source efficiency data refer to the LED module without optics; in case you are interested in the performance of the LED module complete with optical system, you must multiply the data reported by the factor 0.9.

### General Data

The characteristics of the product listed may be subject to change and must be confirmed when ordering.

In order to promote constant updating of its products, Cariboni Group reserves the right to make changes without prior notice.