

# **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>

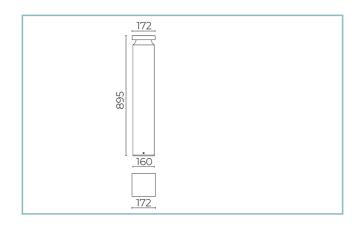
Common mode surge protection: 10 kV

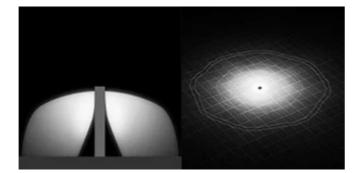
Overvoltage protection differential mode: 6 kV

Driver: included

Driver lifetime: >100.000h @700mA @Ta25°C / <0,2% 1000h

Marks and Certifications: CE





### Performance Data\*

| LED Current:          | 540 mA   |
|-----------------------|----------|
| Source flux:          | 2085 lm  |
| Source power:         | 10 W     |
| Source efficiency:    | 209 lm/W |
| Device flux:          | 1000 lm  |
| Device power:         | 12 W     |
| Appliance efficiency: | 83 lm/W  |
|                       |          |



Iota Bollard Size: H 895 Color Temperature: 4000 K Type of optics: RS-D 360° Rotosymmetric diffused beam

### **Optical System**

Source: LED

Color Temperature: 4000 K

Color Rendering Index (CRI): ≥ 80

Chromatic consistency (SDCM): ≤ 3

Type of optics: RS-D 360° Rotosymmetric diffused beam

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

# Installation and maintenance

Installation: ground

Ø power cable: 7 ÷ 13.5 mm

Cable Gland: PG16

 Flow adjustment
 Standard

 DALI control
 X

## 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

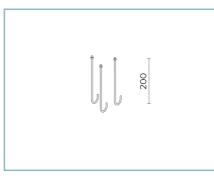
Grey RAL9006

Code: 06IO3E2800AHL



Iota Bollard Size: H 895 Color Temperature: 4000 K Type of optics: RS-D 360° Rotosymmetric diffused beam

### 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.

