

# **General Features**

Description: urban and public lighting luminaire

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK08

Surge protection device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM

Power Factor: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 16.00 kg

Max exposed surface: 0,25 m<sup>2</sup>

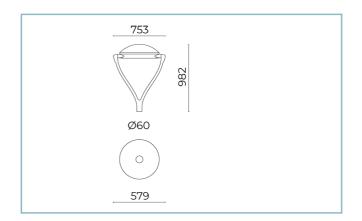
Lateral exposed surface: 0,14 m<sup>2</sup>

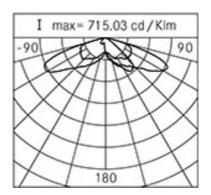
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: CE





## Performance Data\*

| LED Current:          | 525 mA   |
|-----------------------|----------|
| Source flux:          | 3100 lm  |
| Source power:         | 17.5 W   |
| Source efficiency:    | 177 lm/W |
| Device flux:          | 2665 lm  |
| Device power:         | 20 W     |
| Appliance efficiency: | 133 lm/W |
| Glare Index Category: | D6       |
|                       |          |



Ypsilon Post Top Color Temperature: 3000 K Type of optics: ME-01 Medium street

## **Optical System**

| Source: LED R1  |  |
|---|--|
| Color Temperature: 3000 K   |  |
| Color Rendering Index (CRI): ≥ 70   |  |
| Chromatic consistency (SDCM): ≤ 4   |  |
| Type of optics: ME-01 Medium street   |  |
| Optical group life: >130.000h @700mA @Ta25°C TM21<br>L80B20 >130.000h @700mA @Ta25°C TM21 L80B10                  |  |
| Photobiological safety class: EXEMPT GROUP  |  |
| ULOR: 0%  |  |
| DLOR: 100%  |  |
| Light intensity category: G*3   |  |
| BUG rating: B1-U0-G0  |  |
| Normative References  |  |
| EN60598-1 / EN60598-2-3 / EN62471   |  |
| Installation and maintenance  |  |
| Installation: post top, pole side   |  |
| Pole diameter: Ø 60 - 76 mm   |  |
| Tilt: fastened or adjustable installation   |  |
| Fixing: 2 x AISI 304 stainless steel securing bolts   |  |
| Wiring: Junction box IP68. The connection to the electrica backbone can be made without having to open the device |  |
| Ø power cable: 10 ÷ 14 mm   |  |
|   |  |

Cable Gland: PG16

Replaceable wiring plate: removable plate

Replaceable optical unit: each LED module is replaceable

Screen opening: glass holder frame opening, fall block

Disconnector: automatic (with terminal section 2.5 mm<sup>2</sup>)

| Flow adjustment                 | On request |
|---------------------------------|------------|
| Virtual Midnight Teaching       | Х          |
| Constant flow output (CLO)      | Х          |
| Adjusting 1-10V                 | Х          |
| DALI control                    | Х          |
| Mains voltage variation         | Х          |
| Power line telemanagement (PLC) | Х          |
| Wireless remote management      | Х          |

## Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), upper dome with aluminium plate turning

Screen: tempered flat glass

Lenses: high-transparency PMMA

Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Seals: expanded anti-age silicone foam

Screws: stainless steel AISI 304

Wiring plate: zinc-plated steel

Finish: phospho-chromatation treated and polyester

powder-coated in 16 phases to increase weather resistance

### Colors

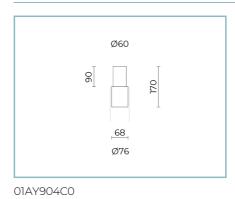
Sablé 100 Noir

Code: 01FY3B25932CHM4



**Ypsilon Post Top** Color Temperature: 3000 K Type of optics: ME-01 Medium street

## Complements





## 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.

