



General Features

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| 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:          | 700 mA   |
| Source flow:          | 3925 lm  |
| Source power:         | 24 W     |
| Source efficiency:    | 164 lm/W |
| Device flow:          | 3375 lm  |
| Device power:         | 27 W     |
| Appliance efficiency: | 125 lm/W |
| Glare Index Category: | D5       |

### Optical System

|   |
|---|
| Source: LED R1  |
| Color Temperature: 3000 K   |
| Color Rendering Index (CRI): $\geq 70$  |
| Chromatic consistency (SDCM): $\leq 4$  |
| Type of optics: ME-01 Medium street   |
| Optical group life: >130.000h @700mA @Ta25°C TM21 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-G1  |

### 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 electrical 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   |
| Disconnecter: automatic (with terminal section 2.5 mm <sup>2</sup> )   |

### Flow adjustment

On request

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

### 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: **01FY3B20932CHM4**

## Complements



01AY904C0

L7 Reduction Ø 60-68 mm  
for poles Ø 76 mm. Colour: Sablé 100  
Noir.

## 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.