



**General Features**

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| Description: LED fitting for lighting paths and urban spaces |
| Insulation class: class II                                   |
| Rated voltage: 220-240 V 50/60 Hz                            |
| Protection Grade: IP66                                       |
| Impact protection: IK09                                      |
| Surge protection device: integrated 10kV-10kA                |
| Power Factor: > 0.95   |
| Ambient temperature Ta: -30°C +50°C                          |
| Weight: 9 kg   |
| Max exposed surface: 0.155 m <sup>2</sup>                    |
| Lateral exposed surface: 0.034 m <sup>2</sup>                |
| Common mode surge protection: 10 kV                          |
| Overvoltage protection differential mode: 10 kV              |
| Driver: included   |
| Driver lifetime: F10 >100.000h @Ta25°C                       |
| Marks and Certifications: ENEC / ENEC+ / CE                  |



**Performance Data\***

|                       |          |
|-----------------------|----------|
| Source flow:          | 21655 lm |
| Source power:         | 133.5 W  |
| Source efficiency:    | 162 lm/W |
| Device flow:          | 18545 lm |
| Device power:         | 144 W    |
| Appliance efficiency: | 128 lm/W |
| Glare Index Category: | D3       |

### Optical System

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|--|
| Source: LED R4                                 |
| Color Temperature: 2700 K                      |
| Color Rendering Index (CRI): $\geq 70$         |
| Chromatic consistency (SDCM): $\leq 3$         |
| Type of optics: AP-S2 Pedestrian crossing      |
| Optical group life: >100.000h @ Ta 25°C L90B10 |
| Photobiological safety class: EXEMPT GROUP     |
| ULOR: 0%                                       |
| DLOR: 100%                                     |
| Light intensity category: G*6                  |
| BUG rating: B3-U0-G2                           |

### Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,  
EN61000-3-2, EN61000-3-3

### Installation and maintenance

|   |
|---|
| Installation: pole side   |
| Pole diameter: Ø 60 - 76 - 102 mm   |
| Tilt: with adjustable joint can be tilted from -70° to +90° and rotated by 0° / 180°. The pointing and locking system is continuously adjustable. |
| Ø power cable: 10 ÷ 14 mm   |
| Cable Gland: PG16   |
| Power supply compartment: independent from the optical group  |

### Flow adjustment

On request

|   |   |
|---|---|
| Virtual Midnight Teaching                 | X |
| Arrangement for Zhaga connector (Book 18) | X |
| Constant flow output (CLO)                | X |
| Adjusting 1-10V                           | X |
| DALI control                              | X |
| Mains voltage variation                   | X |
| Wireless remote management                | X |
| Provision for motion/light sensors        | X |

### Materials

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|--|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)   |
| Screen: tempered flat glass 4 mm   |
| Lenses: high-transparency PMMA   |
| Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)                                |
| Seals: anti-age silicone   |
| Screws: stainless steel AISI 304   |
| Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance |

### Colors

|                  |                               |
|------------------|-------------------------------|
| ■ Sablé 100 Noir | Code: <b>06LN3E872820CHM4</b> |
|------------------|-------------------------------|

## Complements



06LN902C0

B226 Single collar  
for poles Ø60mm. Colour: Sablè 100  
Noir.



06LN905C0

B229 Double collar  
for poles Ø60mm. Colour: Sablè 100  
Noir.



06LN903C0

B227 Single collar  
for poles Ø76mm. Colour: Sablè 100  
Noir.



06LN906C0

B230 Double collar  
for poles Ø76mm. Colour: Sablè 100  
Noir.



06LN904C0

B228 Single collar  
for poles Ø102mm. Colour: Sablè 100  
Noir.



06LN907C0

B231 Double collar  
for poles Ø102mm. Colour: Sablè 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.