



### General Features

Description: LED luminaire

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: 6 kg

Max exposed surface: 0.119 m<sup>2</sup>

Lateral exposed surface: 0.026 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 flux:          | 5935 lm  |
| Source power:         | 30.5 W   |
| Source efficiency:    | 194 lm/W |
| Device flux:          | 5105 lm  |
| Device power:         | 34 W     |
| Appliance efficiency: | 150 lm/W |
| Glare Index Category: | D6       |

### Optical System

|   |
|---|
| Source: LED R1                                    |
| Color Temperature: 4000 K                         |
| Color Rendering Index (CRI): $\geq 70$            |
| Chromatic consistency (SDCM): $\leq 3$            |
| Type of optics: RS-02 Rotosymmetric Beam          |
| Optical group life: $>100.000$ h @ Ta 25°C L90B10 |
| Photobiological safety class: EXEMPT GROUP        |
| ULOR: 0%  |
| DLOR: 100%  |
| Light intensity category: G*6                     |

### Normative References

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

### Installation and maintenance

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|--|
| Installation: string suspension                              |
| Tilt: $-15^{\circ}$ $+15^{\circ}$                            |
| $\varnothing$ 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

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: **06LN5B266024CHM4**

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### Mandatory accessories

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06LN909C0

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B233 Suspension kit for  $\varnothing$  6-12 mm string.

Colour: Sablé 100 Noir.

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### 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.