



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 m²
- Lateral exposed surface: 0.026 m²
- 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:	2885 lm
Source power:	13 W
Source efficiency:	221 lm/W
Device flux:	2480 lm
Device power:	16 W
Appliance efficiency:	155 lm/W
Glare Index Category:	D6

Optical System

Source: LED R1
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 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

Installation: string suspension
Tilt: -15° $+15^{\circ}$
\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: **06LN5B230024CHM4**

Complements



06LN909C0

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