

# **General Features**

Description: suspension-mounted 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, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 3.50 kg

Max exposed surface: 0,06 m<sup>2</sup>

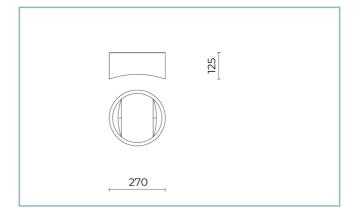
Lateral exposed surface: 0,030 m<sup>2</sup>

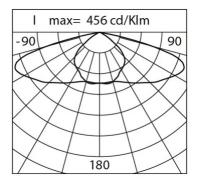
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV Driver: included

Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)

Marks and Certifications: ENEC / CE





# Performance Data\*

| Source flux:          | 6095 lm  |
|-----------------------|----------|
| Source power:         | 33.5 W   |
| Source efficiency:    | 181 lm/W |
| Device flux:          | 5240 lm  |
| Device power:         | 37 W     |
| Appliance efficiency: | 141 lm/W |
| Glare Index Category: | D6       |
|                       |          |



# **Optical System**

| Source: LED R1                                  | Virtual  |
|---|----------|
| Color Temperature: 3000 K                       | Consta   |
| Color Rendering Index (CRI): ≥ 70               | DALI c   |
| Chromatic consistency (SDCM): ≤ 3               | Mains    |
| Type of optics: SO-02 Street centered           | Power    |
| Optical group life: >100.000 h @ Ta 25°C L90B10 | Wirele   |
| Photobiological safety class: EXEMPT GROUP      |          |
| ULOR: 0%  | Mater    |
| DLOR: 100%                                      | Body: 0  |
| Light intensity category: G*4                   | conter   |
| BUG rating: B2-U0-G0                            | Screen   |
| Normative References                            | Lenses   |
| EN60598-1 / EN60598-2-3 / EN62471 / EN61547     | Fixing   |
|   | (coppe   |
| Installation and maintenance                    | Seals: e |
|   | Screws   |
| Installation: on string suspension              | Wiring   |
| Tilt: horizontal ± 15°, vertical 0° ÷ 360°      | Finish:  |
| Ø power cable: 10 ÷ 14 mm                       | powde    |
| Cable Gland: PG16                               |          |
| Replaceable wiring plate: removable plate       | Colors   |
| Replaceable optical unit: LED disc replacement  |          |
| Dower supply compartment: independent from the  |          |

Power supply compartment: independent from the optical system

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

# rials

die-cast aluminium alloy UNI EN AB 47100 (copper ent < 1%)

n: tempered flat glass

es: high-transparency PMMA

g system: die-cast aluminium alloy UNI EN AB 47100 er content < 1%)

expanded anti-age silicone foam

vs: stainless steel AISI 304

g plate: zinc-plated steel

n: phospho-chromatation treated and polyester ler-coated in 16 phases to increase weather resistance

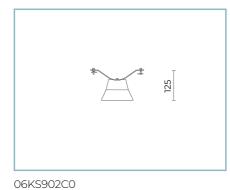
#### s

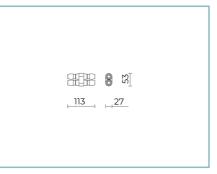
blé 100 Noir

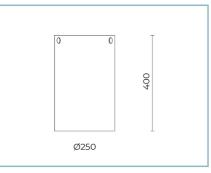
Code: 06KS1B272926CHM4



# Complements







# 06KS909C0

B80 Suspension kit for Ø 6-12 mm string.

Colour: Sablé 100 Noir.

B89 Connector 4 way IP68

## 06ND901Y0

Diffuser made of transparent polycarbonate

## 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.

