Size: small Color Temperature: 3000 K Type of optics: SO-02 Street centered 01VO3B230926CHM4

Colour: Sablé 100 Noir



# **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, 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: 8.2 kg

Max exposed surface: 0.19 m<sup>2</sup>

Lateral exposed surface: 0.07 m<sup>2</sup>

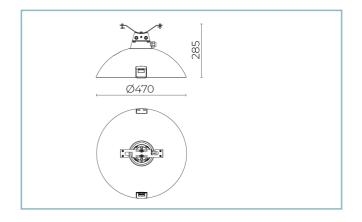
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

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

Marks and Certifications: ENEC / CE



# I max= 456 cd/Klm -90 90

# Performance Data\*

Source flux:	2685 lm
Source power:	13 W
Source efficiency:	207 lm/W
Device flux:	2300 lm
Device power:	16 W
Appliance efficiency:	144 lm/W
Glare Index Category:	D6



**Product Sheet** 

Rev 24/05/2024

# **Volta String Suspension**

Size: small Color Temperature: 3000 K Type of optics: SO-02 Street centered 01VO3B230926CHM4

Colour: Sablé 100 Noir

Optical System
Source: LED R1
Color Temperature: 3000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: SO-02 Street centered
Optical group life: >100.000 h @ Ta 25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4
BUG rating: B1-U0-G0

### **Normative References**

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

## Installation and maintenance

Installation: suspension for string  $\emptyset$  6 ÷ 12 mm, inclination horizontal ± 15°, adjustability 0° ÷ 360°

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Replaceable wiring plate: removable plate

Replaceable optical unit: each LED module is replaceable

Screen opening: opening by clip, fall block

Disconnector: automatic (with terminal section 2.5 mm²)

Power supply compartment: independent from the optical system

On request
X
Х
Х
Х
Х
Х
Х
Х
Χ

### **Materials**

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

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



Product Sheet

Rev 24/05/2024

**Volta String Suspension** 

Size: small Color Temperature: 3000 K Type of optics: SO-02 Street centered 01VO3B230926CHM4

Colour: Sablé 100 Noir

### NOTES

# \*Performance data

The values indicated in this data sheet are nominal values with a tolerance of  $\pm$ 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.

