

General Features

Description: suspension-mounted LED luminaire
Insulation class: classe II
Rated voltage: 220-240 V 50/60 Hz
Protection Grade: IP66
Impact protection: IK09
Surge protection device: integrated 10kV-10kA, integrated device complete with thermal fuse for disconnection at the end of life; impulse withstand CL II 10kV CM/DM
Power Factor: > 0.90
Ambient temperature Ta: -30°C +50°C
Weight: 8.00 kg
Max exposed surface: 0,16 m ²
Lateral exposed surface: 0,068 m ²
Common mode surge protection: 10 kV
Overtoltage protection differential mode: 10 kV
Driver: included
Marks and Certifications: ENEC / CE

Performance Data*

LED Current:	525 mA
Source flow:	12895 lm
Source power:	70.5 W
Source efficiency:	183 lm/W
Device flow:	11090 lm
Device power:	77.5 W
Appliance efficiency:	143 lm/W
Glare Index Category:	D4

Optical System

Source: LED R4

Color Temperature: 4000 K

Color Rendering Index (CRI): ≥ 70

Chromatic consistency (SDCM): ≤ 4

Type of optics: SO-01 Steet centered

Optical group life: >160.000h @700mA @Ta25°C TM21
L80B20 >160.000h @700mA @Ta25°C TM21 L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*4

BUG rating: B3-U0-G1

Normative References

EN60598-1 / EN60598-2-3 / EN62471 / EN61547

Installation and maintenance

Installation: on string suspension / covered walkway

Ø power cable: 8 ÷ 13 mm

Cable gland: M20

Replaceable wiring plate: removable plate

Replaceable optical unit: LED disc replacement

Power supply compartment: independent from the optical system

Flow adjustment

On request

Virtual Midnight Teaching

X

Constant flow output (CLO)

X

Adjusting 1-10V

X

DALI control

X

Mains voltage variation

X

Power line telemanagement (PLC)

X

Wireless remote management

X

Materials

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

Screen: tempered flat glass 5 mm

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: self-extinguishable technopolymer V0

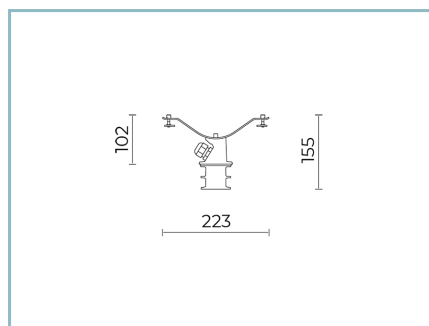
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

■ Sablé 100 Noir

Code: **01KA6E85039CHM4**

Complements

**01KA925C0**

Suspension kit for Ø 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.