Product Sheet
Rev. 18/07/2024

Flat Link String Suspension
Color Temperature: 4000 K
Type of optics: SO-01 Steet centered

01FK4E80039CHM4
Colour: Sablé 100 Noir

Ø48-60

325

580

General Features

Description: Street suspension luminaire

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK08

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: > 0.9

Ambient temperature Ta: -30°C +50°C

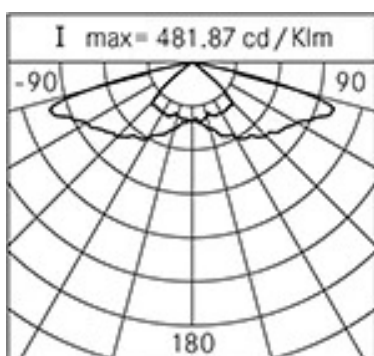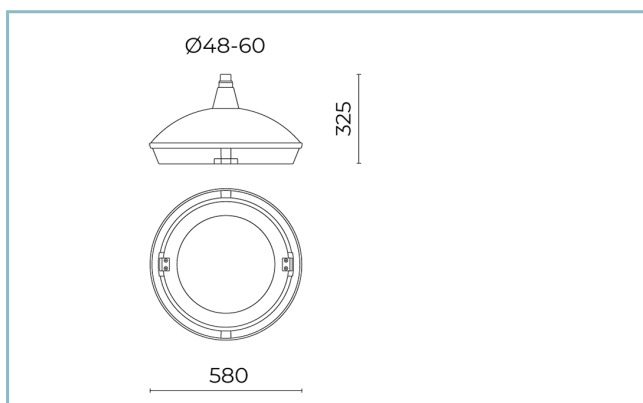Weight: 11.00 kg

Max exposed surface: 0,25 m²

Lateral exposed surface: 0,14 m²

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: ENEC / CE

I max= 481.87 cd / Klm

Performance Data*

LED Current:	700 mA
Source flux:	16095 lm
Source power:	95 W
Source efficiency:	169 lm/W
Device flux:	13840 lm
Device power:	103.5 W
Appliance efficiency:	134 lm/W
Glare Index Category:	D3

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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: >130.000h @700mA @Ta25°C TM21
L80B20 >130.000h @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

Installation and maintenance

Installation: on string suspension

Wiring: Junction box IP68. The connection to the electrical backbone can be made without having to open the device

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Replaceable wiring plate: by unlocking the grubscrews and unfastening the disconnector

Disconnector: automatic (with terminal section 2.5 mm²)

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%) body, torned aluminium plate upper cover

Screen: tempered flat glass

Lenses: high-transparency PMMA

Seals: expanded anti-age silicone foam
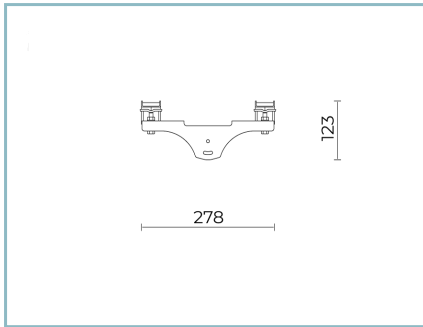
Screws: stainless steel AISI 304

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

Colors

◼ Sablé 100 Noir   Code: **01FK4E80039CHM4**

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Complements

01AK913C0

Suspension kit for string
Ø 6-12 mm. 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.

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