

## 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 m<sup>2</sup>

Lateral exposed surface: 0,14 m<sup>2</sup>

Common mode surge protection: 10 kV

Overtoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: ENEC / CE

## Performance Data\*

LED Current:	700 mA	525 mA	350 mA
Source flow:	7665 lm	6095 lm	4325 lm
Source power:	48 W	35.5 W	23 W
Source efficiency:	160 lm/W	172 lm/W	188 lm/W
Device flow:	6590 lm	5240 lm	3720 lm
Device power:	52.5 W	39.5 W	26.5 W
Appliance efficiency:	126 lm/W	133 lm/W	140 lm/W
Glare Index Category:	D4	D4	D5

### Optical System

Source: LED R2
Color Temperature: 3000 K
Color Rendering Index (CRI): $\geq 70$
Color Consistency (SDCM): $\leq 4$
Type of optics: street symmetrical SO-01
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

### 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 grub screws and unfastening the disconnecter
Disconnecter: automatic (with terminal section 2.5 mm <sup>2</sup> )

### Flow adjustment

	Standard	On request
Virtual Midnight Teaching	X	
Constant flow output (CLO)		X
Adjusting 1-10V		X
DALI control		X
Mains voltage variation		X
Pilot line		X
Power line telemanagement (PLC)		X

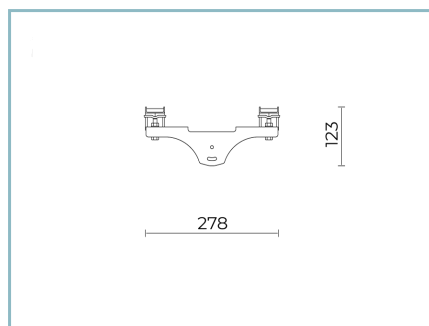
### Materials

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: <b>01FK4C40939CHM3</b>
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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.