Product Sheet
Rev. 10/07/2024

Lit System
Size: medium
Color Temperature: 3000 K
Type of optics: ME-03 Medium street

06LT7A859A0CHM4
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: IK10	
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: 6.00 kg	
Max exposed surface: 0,10 m²	
Lateral exposed surface: 0,02 m²	
Common mode surge protection: 10 kV	
Overvoltage protection differential mode: 10 kV	
Driver: included	
Marks and Certifications: ENEC / CE	
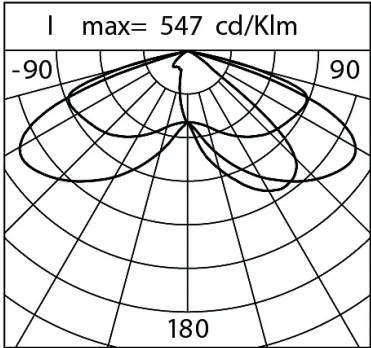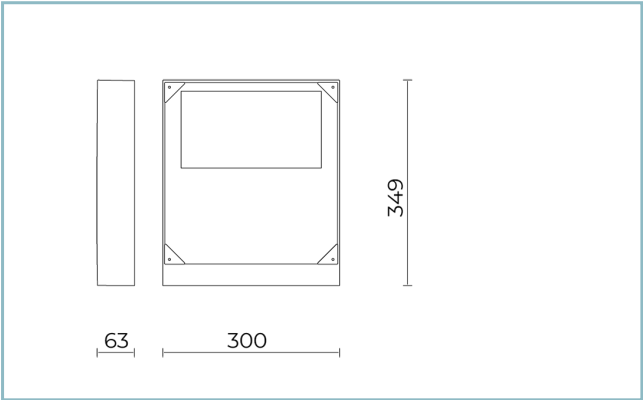
Performance Data*

LED Current:	525 mA
Source flux:	8340 lm
Source power:	47.5 W
Source efficiency:	176 lm/W
Device flux:	6590 lm
Device power:	51.5 W
Appliance efficiency:	128 lm/W
Glare Index Category:	D6

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Optical System

Source: LED L2

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 70

Chromatic consistency (SDCM): ≤ 3

Type of optics: ME-03 Medium street

Optical group life: >100.000h @700mA @Ta25°C TM21 L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*4

BUG rating: B1-U0-G1

Normative References

EN60598-1 / EN60598-2-3 / EN60598-2-5 / EN62471 / EN61547

Installation and maintenance

Installation: wall / ground / pole

Pole diameter: Ø 60 - 76 - 102 mm

Tilt: fastened or adjustable installation

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Flow adjustment

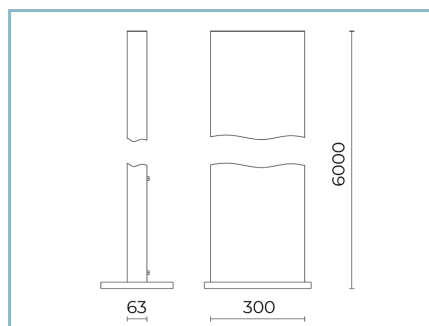|	On request
Virtual Midnight Teaching	X
Arrangement for Zhaga connector (Book 18)	X
Constant flow output (CLO)	X
Adjusting 1-10V	X
DALI control	X
Wireless remote management	X
Provision for motion/light sensors	X

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: anti-age silicone

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
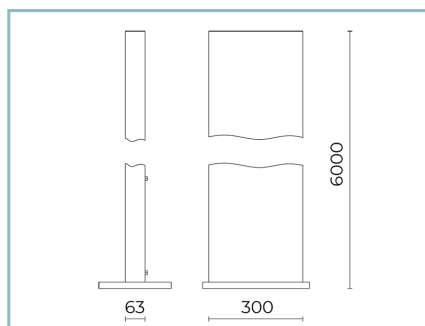
Colors

■ Sablé 100 Noir   Code: **06LT7A859A0CHM4**

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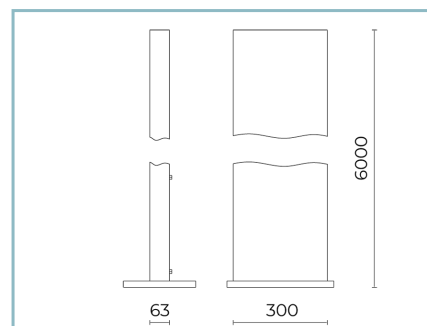Colour: Sablé 100 Noir

Complements

06LT915C0

B124 Aluminium extruded pole H6m x1 LIT medium / large. Colour: Sablè 100 Noir.

06LT927C0

B161 Aluminium extruded pole H6m x2 LIT medium / large. Colour: Sablè 100 Noir.

06LT928C0

B162 Aluminium extruded pole H6m x2 LIT medium / large (H 4/6m). Colour: Sablè 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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