**Product Sheet**
Rev. 10/07/2024

**Lit System**
Size: small
Color Temperature: 4000 K
Type of optics: ME-03 Medium street

**06LT6A430A0CHM4**
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: 4.00 kg

Max exposed surface: 0,07 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

I max= 547 cd/Klm

-90    90

180

## Performance Data*

| | |
|---|---|
| LED Current: | 350 mA |
| Source flux: | 3105 lm |
| Source power: | 16 W |
| Source efficiency: | 194 lm/W |
| Device flux: | 2455 lm |
| Device power: | 18.5 W |
| Appliance efficiency: | 133 lm/W |
| Glare Index Category: | D6 |

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## Optical System

Source: LED L1

Color Temperature: 4000 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
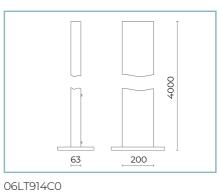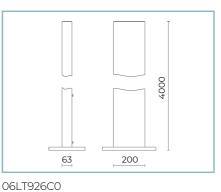
## Colors

■ Sablé 100 Noir          Code: **06LT6A430A0CHM4**

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## Complements



06LT914C0

B123 Aluminium extruded pole H4m
x1 LIT small. Colour: Sablè 100 Noir.

06LT926C0

B160 Aluminium extruded pole H4m
x2 LIT small. 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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