



## General Features

Description: urban and public lighting 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: 16.00 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

Overvoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: CE



## Performance Data\*

LED Current:	700 mA	525 mA	350 mA
Source flow:	8215 lm	6530 lm	4635 lm
Source power:	48 W	35.5 W	23 W
Source efficiency:	171 lm/W	184 lm/W	202 lm/W
Device flow:	6750 lm	5365 lm	3805 lm
Device power:	52.5 W	39.5 W	26.5 W
Appliance efficiency:	129 lm/W	136 lm/W	144 lm/W
Glare Index Category:	D4	D5	D5

### Optical System

Source: LED R2
Color Temperature: 4000 K
Color Rendering Index (CRI): $\geq 70$
Color Consistency (SDCM): $\leq 4$
Type of optics: street asymmetrical LA-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*3

### Normative References

EN60598-1 / EN60598-2-3 / EN62471

### Installation and maintenance

Installation: post top, pole side
Pole diameter: Ø 60 - 76 mm
Tilt: fastened or adjustable installation
Fixing: 2 x AISI 304 stainless steel securing bolts
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: removable plate
Replaceable optical unit: each LED module is replaceable
Screen opening: glass holder frame opening, full block
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
Wireless remote management		X

### Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), upper dome with aluminium plate turning
Screen: tempered flat glass
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: zinc-plated steel
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

### Colors

■ Sablé 100 Noir	Code: <b>01FY3C40031CHM3</b>
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## Complements



01AY901C0

L6 Joint kit for Ø102mm pole with Ø 60 mm bolt, inclined by 15°. Colour: Sablé 100 Noir.



01AY902C0

B25 Hexagon for poles Ø 114 mm, 15° inclined arm with decorative metal point. Colour: Sablé 100 Noir.



01AY905C0

B27 Hexagon for poles Ø 114 mm, 15° inclined double arms with decorative metal point. 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.