



General Features

Description: LED luminaire

Insulation class: class II (class I on request)

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

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: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 3.50 kg

Max exposed surface: 0,06 m²

Lateral exposed surface: 0,030 m²

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
Source flow:	4170 lm
Source power:	24 W
Source efficiency:	174 lm/W
Device flow:	3585 lm
Device power:	27 W
Appliance efficiency:	133 lm/W
Glare Index Category:	D5

Optical System

Source: LED R1
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 4
Type of optics: street asymmetrical LA-01
Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20 >160.000h @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 / EN61547

Installation and maintenance

Installation: post top / side pole / arm / wall
Pole diameter: Ø 60 - 76 - 102 mm
Tilt: continuous / stepped adjustment -10° +190° (step 5°)
Ø power cable: 10 ÷ 14 mm
Cable Gland: PG16
Replaceable wiring plate: removable plate
Replaceable optical unit: LED disc replacement
Power supply compartment: independent from the optical system

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
Provision for motion/light sensors		X

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Screen: tempered flat glass
Diffuser: highly transparent polycarbonate
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: 06KS1B20031CHM4
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Complements



06KS903C0

B79 Fastening kit on \varnothing 48-60 mm pastoral arms.
Colour: Sablé 100 Noir.



06KS909C0

B89 Connector 4 way IP68



06ND901Y0

Diffuser
made of transparent polycarbonate



01AK935C0

B15 Single curved arm
 \varnothing 60 mm for poles \varnothing 102 mm. L=810 mm. Colour: Sablé 100 Noir.



01AK936C0

B16 Double curved arm
 \varnothing 60 mm for poles \varnothing 102 mm. L=810 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.