



General Features

Description: suspension-mounted LED luminaire
Insulation class: class II
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 m ²
Lateral exposed surface: 0,030 m ²
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Driver: included
Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)
Marks and Certifications: ENEC / CE



Performance Data*

Source flow:	6095 lm
Source power:	33.5 W
Source efficiency:	181 lm/W
Device flow:	5240 lm
Device power:	37 W
Appliance efficiency:	141 lm/W
Glare Index Category:	D6

Optical System	Flow adjustment	On request
Source: LED R1	Virtual Midnight Teaching	X
Color Temperature: 3000 K	Constant flow output (CLO)	X
Color Rendering Index (CRI): ≥ 70	DALI control	X
Color Consistency (SDCM): ≤ 3	Mains voltage variation	X
Type of optics: SO-02 Street centered	Power line telemanagement (PLC)	X
Optical group life: >100.000 h @ Ta 25°C L90B10	Wireless remote management	X
Photobiological safety class: EXEMPT GROUP		
ULOR: 0%		
DLOR: 100%	Materials	
Light intensity category: G*4	Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)	
BUG rating: B2-U0-G0	Screen: tempered flat glass	
Normative References	Lenses: high-transparency PMMA	
EN60598-1 / EN60598-2-3 / EN62471 / EN61547	Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)	
	Seals: expanded anti-age silicone foam	
	Screws: stainless steel AISI 304	
Installation and maintenance	Wiring plate: zinc-plated steel	
Installation: on string suspension	Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance	
Tilt: horizontal ± 15°, vertical 0° ÷ 360°		
Ø power cable: 10 ÷ 14 mm		
Cable Gland: PG16	Colors	
Replaceable wiring plate: removable plate	■ Sablé 100 Noir	Code: 06KS1B272926CHM4
Replaceable optical unit: LED disc replacement		
Power supply compartment: independent from the optical system		

Complements



06KS902C0

B80 Suspension kit for Ø 6-12 mm string.
Colour: Sablé 100 Noir.



06KS909C0

B89 Connector 4 way IP68



06ND901Y0

Diffuser
made of transparent polycarbonate

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.