



## General Features

Description: 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<sup>2</sup>

Lateral exposed surface: 0,030 m<sup>2</sup>

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 flux:	5190 lm
Source power:	27.5 W
Source efficiency:	188 lm/W
Device flux:	4465 lm
Device power:	31 W
Appliance efficiency:	144 lm/W
Glare Index Category:	D5

### Optical System

Source: LED R1  
Color Temperature: 3000 K  
Color Rendering Index (CRI):  $\geq 70$   
Chromatic consistency (SDCM):  $\leq 3$   
Type of optics: LT-63 Asymmetric beam  
Optical group life:  $>100.000$  h @ Ta 25°C L90B10  
Photobiological safety class: EXEMPT GROUP  
ULOR: 0%  
DLOR: 100%  
Light intensity category: G\*6  
BUG rating: B1-U0-G1

### Normative References

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

### Installation and maintenance

Installation: string suspension / wall  
Tilt: (string suspension) horizontal  $\pm 15^\circ$ , vertical  $0^\circ \div 360^\circ$ ;  
(wall) continuous adjustment  $-10^\circ +190^\circ$  (step  $5^\circ$ )  
 $\varnothing$  power cable:  $10 \div 14$  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

On request

Virtual Midnight Teaching	X
Constant flow output (CLO)	X
DALI control	X
Mains voltage variation	X
Power line telemanagement (PLC)	X
Wireless remote management	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: 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: **06KS1B260915CHM4**

### Mandatory accessories



06KS902C0

B80 Suspension kit for  $\varnothing$  6-12 mm string.  
Colour: Sablé 100 Noir.

### Optional accessories



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.