



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: 7.50 kg
- Max exposed surface: 0,140 m²
- Lateral exposed surface: 0,063 m²
- Common mode surge protection: 10 kV
- Overtoltage 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*	LA-03	LA-03	LA-03	LA-03	LA-03
	1800K	2200K	2700K	3000K	4000K
LED Current:	400 mA	400 mA	400 mA	400 mA	400 mA
Source flux:	3620 lm	4455 lm	4640 lm	4830 lm	5530 lm
Source power:	28.5 W	28.5 W	28.5 W	28.5 W	28.5 W
Source efficiency:	127 lm/W	156 lm/W	163 lm/W	169 lm/W	194 lm/W
Device flux:	3040 lm	3740 lm	3895 lm	4055 lm	4645 lm
Device power:	33.5 W	33.5 W	33.5 W	33.5 W	33.5 W
Appliance efficiency:	91 lm/W	112 lm/W	116 lm/W	121 lm/W	139 lm/W
Glare Index Category:	D5	D5	D5	D5	D4

Optical System

Source: LED R2

Color Temperature: DWL 1800 K - 4000 K

Color Rendering Index (CRI): ≥ 70

Chromatic consistency (SDCM): ≤ 3

Type of optics: LA-03 Wide street

Optical group life: >100.000 h @ Ta 25°C L90B10

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 / covered walkway

Pole diameter: $\varnothing 60 - 76 - 102$ mm

Tilt: (ceiling) continuous adjustment $-10^{\circ} +190^{\circ}$ (step 5°)

\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: **06KS2C440417CDWL**

Mandatory accessories



06KS909C0

B89 Connector 4 way IP68

Optional accessories



06KS905C0

B85-P Wall-mounted arm /
ceiling-mounted. L=350 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.