



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 m ²
Lateral exposed surface:	0,063 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*	ST-02_1800K	ST-02_2200K	ST-02_2700K	ST-02_3000K	ST-02_4000K
LED Current:	1050 mA	1050 mA	1050 mA	1050 mA	1050 mA
Source flux:	9665 lm	11365 lm	12275 lm	12500 lm	13300 lm
Source power:	76 W	76 W	76 W	76 W	76 W
Source efficiency:	127 lm/W	150 lm/W	162 lm/W	164 lm/W	175 lm/W
Device flux:	8115 lm	9545 lm	10310 lm	10500 lm	11170 lm
Device power:	83.5 W	83.5 W	83.5 W	83.5 W	83.5 W
Appliance efficiency:	97 lm/W	114 lm/W	123 lm/W	126 lm/W	134 lm/W
Glare Index Category:	D3	D3	D3	D3	D3

Optical System

Source: LED R2
Color Temperature: ECL 1800K - 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: ST-02 Narrow street ECL
Optical group life: >100.000 h @ Ta 25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*6

Normative References

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

Installation and maintenance

Installation: post top / side pole / arm/ wall / covered walkway
Pole diameter: Ø 60 - 76 - 102 mm
Tilt: (ceiling) continuous 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

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

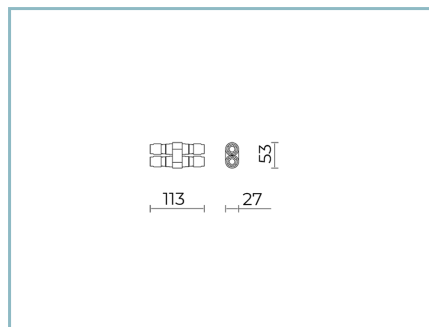
Materials

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

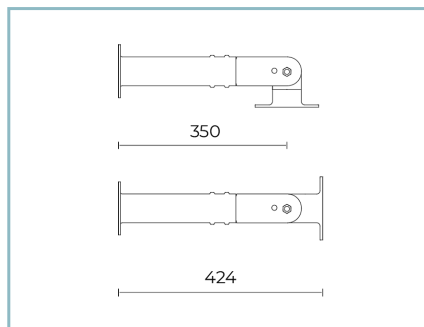
■ Sablé 100 Noir	Code: 06KS2D610414CDYN
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Complements



06KS909C0

B89 Connector 4 way IP68



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.