Product Sheet
Rev. 28/06/2024

Kosmos String Suspension
Size: medium
Color Temperature: 3000 K
Type of optics: SO-02 Street centered

06KS4C472926CHM4
Colour: Sablé 100 Noir

General Features

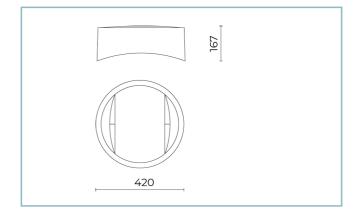|	
Description: suspension-mounted LED luminaire	
Insulation class: class II	
Rated voltage: 220-240 V 50/60 Hz	
Protection Grade: IP66	
Impact protection: IK09	
Surge protection device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM	
Power Factor: > 0.90	
Ambient temperature Ta: -30°C +50°C	
Weight: 7.50 kg	
Max exposed surface: 0,140 m²	
Lateral exposed surface: 0,063 m²	
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	

167

420

I max= 456 cd/Klm

-90   90

180

Performance Data*

Source flux:	11990 lm
Source power:	67 W
Source efficiency:	178 lm/W
Device flux:	10310 lm
Device power:	72 W
Appliance efficiency:	143 lm/W
Glare Index Category:	D5

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Optical System

Source: LED R2	
Color Temperature: 3000 K	
Color Rendering Index (CRI): ≥ 70	
Chromatic consistency (SDCM): ≤ 3	
Type of optics: SO-02 Street centered	
Optical group life: >100.000 h @ Ta 25°C L90B10	
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	
DLOR: 100%	
Light intensity category: G*4	
BUG rating: B3-U0-G1	

Normative References

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

Installation and maintenance

Installation: on string suspension

Tilt: horizontal ± 15°, vertical 0° ÷ 360°

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: **06KS4C472926CHM4**

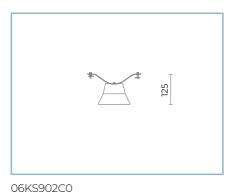Cariboni
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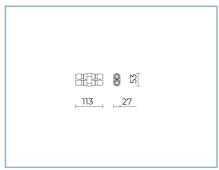
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Complements

06KS902C0

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

06KS909C0

B89 Connector 4 way IP68

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.

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