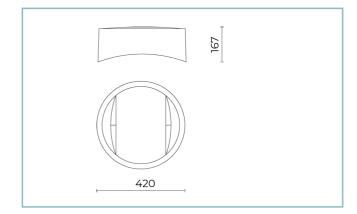


General Features

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



90

I max= 320 cd/Klm

180

-90

Performance Data*

Source flux:	3760 lm
Source power:	19 W
Source efficiency:	197 lm/W
Device flux:	3235 lm
Device power:	22 W
Appliance efficiency:	147 lm/W
Glare Index Category:	D6



Kosmos Post Top Size: medium Color Temperature: 3000 K Type of optics: RS-02 Rotosymmetric Beam

Optical System

Source: LED R1 Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 3 Type of optics: RS-02 Rotosymmetric 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-G0	Normative References
Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 3 Type of optics: RS-02 Rotosymmetric Beam Optical group life: >100.000 h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP ULOR: 0% DLOR: 100%	BUG rating: B1-U0-G0
Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 3 Type of optics: RS-02 Rotosymmetric Beam Optical group life: >100.000 h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP ULOR: 0%	Light intensity category: G*6
Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 3 Type of optics: RS-02 Rotosymmetric Beam Optical group life: >100.000 h @ Ta 25°C L90B10 Photobiological safety class: EXEMPT GROUP	DLOR: 100%
Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 3 Type of optics: RS-02 Rotosymmetric Beam Optical group life: >100.000 h @ Ta 25°C L90B10	ULOR: 0%
Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 3 Type of optics: RS-02 Rotosymmetric Beam	Photobiological safety class: EXEMPT GROUP
Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70 Chromatic consistency (SDCM): ≤ 3	Optical group life: >100.000 h @ Ta 25°C L90B10
Color Temperature: 3000 K Color Rendering Index (CRI): ≥ 70	Type of optics: RS-02 Rotosymmetric Beam
Color Temperature: 3000 K	Chromatic consistency (SDCM): ≤ 3
	Color Rendering Index (CRI): ≥ 70
Source: LED R1	Color Temperature: 3000 K
	Source: LED R1

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

Installation and maintenance

Installation: covered walkway / post top

Pole diameter: Ø 60 - 76 - 102 mm

Tilt: (ceiling) continuous adjustment -10° +190° (step 5°)

Fixing: post top with single arm, made of die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), polyester powder coated (Sablé 100 Noir); pole Ø 76 mm, with post top reduction Ø 60 mm H. 90 mm.

Wiring: pre-wired product

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	Х
Constant flow output (CLO)	Х
DALI control	Х
Mains voltage variation	Х
Power line telemanagement (PLC)	Х
Wireless remote management	Х

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: 06KS2B242924CHM4



Kosmos Post Top Size: medium Color Temperature: 3000 K Type of optics: RS-02 Rotosymmetric Beam

Complements



Ø 60 mm. Fastening part H. Ø 90 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.

