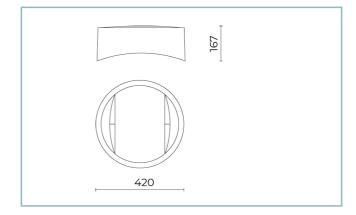


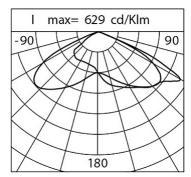
# **General Features**

for disconnection at the end of life; impulse withstand CL II 10kV DM Power Factor: > 0.90	
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 <sup>2</sup> Lateral exposed surface: 0,063 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)	Description: LED luminaire
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 <sup>2</sup> Lateral exposed surface: 0,063 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)	Insulation class: class II
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 <sup>2</sup> Lateral exposed surface: 0,063 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)	Rated voltage: 220-240 V 50/60 Hz
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 <sup>2</sup> Lateral exposed surface: 0,063 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)	Protection Grade: IP66
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 <sup>2</sup> Lateral exposed surface: 0,063 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)	Impact protection: IK09
Ambient temperature Ta: -30°C +50°C Weight: 7.50 kg Max exposed surface: 0,140 m <sup>2</sup> Lateral exposed surface: 0,063 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)	3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse
Weight: 7.50 kg Max exposed surface: 0,140 m <sup>2</sup> Lateral exposed surface: 0,063 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)	Power Factor: > 0.90
Max exposed surface: 0,140 m <sup>2</sup> Lateral exposed surface: 0,063 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)	Ambient temperature Ta: -30°C +50°C
Lateral exposed surface: 0,063 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)	Weight: 7.50 kg
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)	Max exposed surface: 0,140 m <sup>2</sup>
Overvoltage protection differential mode: 10 kV Driver: included Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)	Lateral exposed surface: 0,063 m <sup>2</sup>
Driver: included Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)	Common mode surge protection: 10 kV
Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)	Overvoltage protection differential mode: 10 kV
	Driver: included
Marks and Certifications: ENEC / CE	Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)
	Marks and Certifications: ENEC/CE



## Performance Data\*

Source flux:	2885 lm
Source power:	13 W
Source efficiency:	221 lm/W
Device flux:	2480 lm
Device power:	16 W
Appliance efficiency:	155 lm/W
Glare Index Category:	D6



**Kosmos Post Top** Size: medium Color Temperature: 4000 K Type of optics: LT-64 Asymmetric beam with backlight

## **Optical System**

Source: LED R1
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70

Chromatic consistency (SDCM): ≤ 3

Type of optics: LT-64 Asymmetric beam with backlight

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: B1-U0-G0

#### **Normative References**

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

### Installation and maintenance

Installation: post top / side pole / arm

Pole diameter: Ø 60 - 76 - 102 mm

Tilt: (pole side) continuous / stepped 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: 06KS2B230025CHM4



**Kosmos Post Top** Size: medium Color Temperature: 4000 K Type of optics: LT-64 Asymmetric beam with backlight

### 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.

