**Kosmos Flood** Size: small Color Temperature: 3000 K Type of optics: LR-20 Medium beam



## **General Features**

Description: LED floodlight 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: 4.20 kg Max exposed surface: 0,06 m<sup>2</sup> Lateral exposed surface: 0,030 m<sup>2</sup> Common mode surge protection: 10 kV Overvoltage protection differential mode: 10 kV Driver: included Marks and Certifications: ENEC/CE

Image: Second second

I max= 4166.35 cd/Klm -90 90 180

## Performance Data\*

LED Current:	700 mA
Source flux:	3890 lm
Source power:	24 W
Source efficiency:	162 lm/W
Device flux:	3345 lm
Device power:	27 W
Appliance efficiency:	123 lm/W
Glare Index Category:	D6



**Kosmos Flood** Size: small Color Temperature: 3000 K Type of optics: LR-20 Medium beam

# **Optical System**

optical system

Optical System	F
Source: LED R1	V
Color Temperature: 3000 K	C
Color Rendering Index (CRI): ≥ 70	D
Chromatic consistency (SDCM): ≤ 4	
Type of optics: LR-20 Medium beam	P
Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20, >160.000h @700mA @Ta25°C TM21 L80B10	W
Photobiological safety class: EXEMPT GROUP	M
ULOR: 0%	B
DLOR: 100%	D
Light intensity category:	S
BUG rating: B3-U1-G0	Le
Normative References	Fi
EN60598-1 / EN60598-2-3 / EN62471 / EN61547	(c
Installation and maintenance	S
Installation: pole / horizontal and vertical surfaces	— <u> </u>
Pole diameter: Ø 60 - 76 - 102 mm	— гі р
Tilt: continuous / stepped adjustment -25° +205°	
Ø power cable: 10 ÷ 14 mm	_
Cable Gland: PG16	_ <u>c</u>
Replaceable wiring plate: removable plate	_
Replaceable optical unit: LED disc replacement	

Power supply compartment: independent from the

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

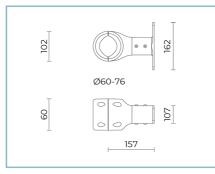
Code: 06KS5B20942CHM4



Kosmos Flood Size: small Color Temperature: 3000 K Type of optics: LR-20 Medium beam

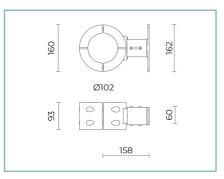
## Complements





#### 06KS916C0

B78 Attachment kit for bracket-pole mounting Ø 60-76 mm. Colour: Sablé 100 Noir.



### 06KS917C0

B97 Attachment kit for bracket-pole for Ø 102 mm. Colour: Sablé 100 Noir.

#### NOTES

#### \*Performance data

B89 Connector 4 way IP68

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.

