Product Sheet
Rev. 28/06/2024

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

06KS6B20942CHM4
Colour: Sablé 100 Noir

169
445
483

General Features

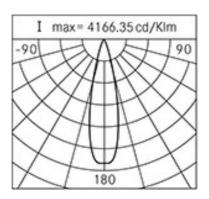|	
Description: LED floodlight	
Insulation class: class II	
Rated voltage: 220-240 V 50/60 Hz	
Protection Grade: IP66	
Impact protection: IK09	
Surge protection device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM	
Power Factor: > 0.90	
Ambient temperature Ta: -30°C +50°C	
Weight: 9.20 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	
Marks and Certifications: ENEC / CE	

I max = 4166.35 cd/Klm

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

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Optical System

Source: LED R1

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 70

Chromatic consistency (SDCM): ≤ 4

Type of optics: LR-20 Medium beam

Optical group life: >160.000h @700mA @Ta25°C TM21 L80B20, >160.000h @700mA @Ta25°C TM21 L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category:

BUG rating: B3-U1-G0

Normative References

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

Installation and maintenance

Installation: pole / horizontal and vertical surfaces

Pole diameter: Ø 60 - 76 - 102 mm

Tilt: continuous / stepped adjustment -25° +205°

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: **06KS6B20942CHM4**

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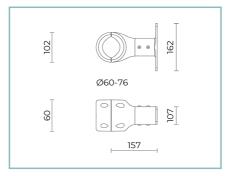
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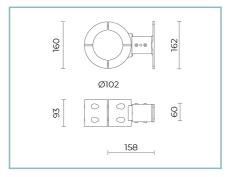## Complements

06KS909C0

B89 Connector 4 way IP68

Ø60-76

06KS916C0

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

Ø102

06KS917C0

B97 Attachment kit for bracket-pole mounting Ø 102 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.

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