Size: medium Color Temperature: 4000 K Type of optics: LR-20 Medium beam



# 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 m<sup>2</sup>

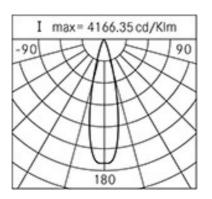
Lateral exposed surface: 0,063 m<sup>2</sup>

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: ENEC / CE



# Performance Data\*

LED Current:	700 mA
Source flux:	4170 lm
Source power:	24 W
Source efficiency:	173 lm/W
Device flux:	3585 lm
Device power:	27 W
Appliance efficiency:	132 lm/W
Glare Index Category:	D6



**Product Sheet** 

Rev. 28/06/2024

**Kosmos Flood** 

Size: medium Color Temperature: 4000 K Type of optics: LR-20 Medium beam 06KS6B20042CHM4

Colour: Sablé 100 Noir

Optical System		
Source: LED R1		
Color Temperature: 4000 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:		

# **Normative References**

BUG rating: B3-U1-G0

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

Sa	ablé 100 Noir	Code: <b>06KS6B20042CHM4</b>



**Product Sheet** 

Rev. 28/06/2024

**Kosmos Flood** 

Size: medium Color Temperature: 4000 K Type of optics: LR-20 Medium beam 06KS6B20042CHM4

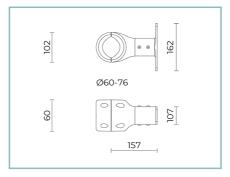
Colour: Sablé 100 Noir

## Complements



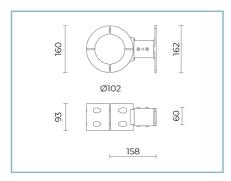
06KS909C0

B89 Connector 4 way IP68



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

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.