

General Features

Description: suspension-mounted 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 m²

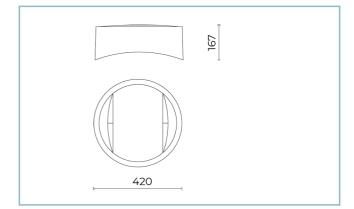
Lateral exposed surface: 0,063 m²

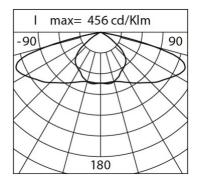
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV Driver: included

Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)

Marks and Certifications: ENEC / CE





Performance Data*

Source flux:	8500 lm
Source power:	49 W
Source efficiency:	173 lm/W
Device flux:	7275 lm
Device power:	53 W
Appliance efficiency:	137 lm/W
Glare Index Category:	D6



Kosmos String Suspension Size: medium Color Temperature: 2700 K Type of optics: SO-02 Street centered

Optical System

Source: LED R2	Virtual
Color Temperature: 2700 K	Consta
Color Rendering Index (CRI): ≥ 70	DALI
Chromatic consistency (SDCM): ≤ 3	Mains
Type of optics: SO-02 Street centered	Power
Optical group life: >100.000 h @ Ta 25°C L90B10	
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	Mater
DLOR: 100%	Body:
Light intensity category: G*4	conter
BUG rating: B2-U0-G1	Screer
Normative References	Lenses
EN60598-1 / EN60598-2-3 / EN62471 / EN61547	Fixing
	(coppe
	Seals: e
Installation and maintenance	Screws
Installation: on string suspension	Wiring
Tilt: horizontal ± 15°, vertical 0° ÷ 360°	Finish:
Ø power cable: 10 ÷ 14 mm	powde
Cable Gland: PG16	
Replaceable wiring plate: removable plate	Colors
Replaceable optical unit: LED disc replacement	
Power supply compartment: independent from the	

optical system

Flow adjustment On request al Midnight Teaching Х ant flow output (CLO) Х control Х s voltage variation Х r line telemanagement (PLC) Х ess remote management Х

rials

die-cast aluminium alloy UNI EN AB 47100 (copper ent < 1%)

n: tempered flat glass

es: high-transparency PMMA

g system: die-cast aluminium alloy UNI EN AB 47100 per content < 1%)

expanded anti-age silicone foam

vs: stainless steel AISI 304

g plate: zinc-plated steel

n: phospho-chromatation treated and polyester ler-coated in 16 phases to increase weather resistance

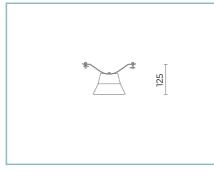
s

blé 100 Noir

Code: 06KS4C454826CHM4



Complements





06KS902C0

B80 Suspension kit for Ø 6-12 mm string.

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.

B89 Connector 4 way IP68

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.

