

# **General Features**

Description: LED fitting for lighting paths and

urban spaces Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.95

Ambient temperature Ta: -30°C +50°C

Weight: 6 kg

Max exposed surface: 0.119 m<sup>2</sup>

Lateral exposed surface: 0.026 m<sup>2</sup>

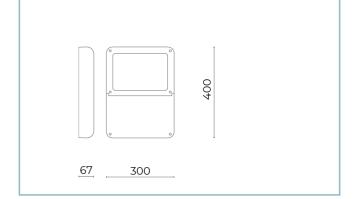
Common mode surge protection: 10 kV

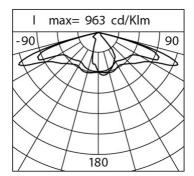
Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: F10 >100.000h @Ta25°C

Marks and Certifications: ENEC / 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



# **Optical System**

Source: LED R1	
Color Temperature: 4000 K	
Color Rendering Index (CRI): ≥ 70	
Chromatic consistency (SDCM): ≤ 3	
Type of optics: LT-C1 Cycle path	
Optical group life: >100.000h @ Ta 25°C L90B10	
Photobiological safety class: EXEMPT GROUP	
ULOR: 0%	
DLOR: 100%	
Light intensity category: G*3	
BUG rating: B1-U0-G1	
Normative References	
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	
EN61000-3-2, EN61000-3-3	

### Installation and maintenance

Installation: pole side, wall-mounted, post top

Pole diameter: Ø 60 - 76 - 102 mm

Tilt: (wall-mounted) fixed or adjustable installation; (pole side) with adjustable joint can be tilted from -70° to +90° and rotated by  $0^{\circ}$  / 180°. The pointing and locking system is continuously adjustable.

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Power supply compartment: independent from the optical group

Flow adjustment	On request
Virtual Midnight Teaching	Х
Arrangement for Zhaga connector (Book 18)	Х
Constant flow output (CLO)	Х
Adjusting 1-10V	Х
DALI control	Х
Mains voltage variation	Х
Wireless remote management	Х
Provision for motion/light sensors	Х

# Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Screen: tempered flat glass 4 mm

Lenses: high-transparency PMMA

Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Seals: anti-age silicone

Screws: stainless steel AISI 304

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

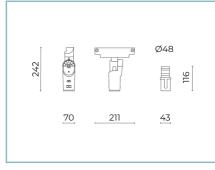
### Colors

Sablé 100 Noir

Code: 06LN2B230027CHM4



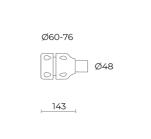
## Complements



06LN908C0

B232 Adjustable joint

for arms and poles Ø60mm. Colour: Sablè 100 Noir.



# 06AK903C0

### L3 Joint kit

single for Ø 60-76 mm poles. Colour: Sablé 100 Noir.

Ø60-76
Ø48
<u> </u>

### 06AK904C0

L4 Joint kit double for Ø 60-76 mm poles. Colour: Sablé 100 Noir.

Ø102
225

# Ø102

Ø	60-76		
	, <u> </u>	550	

# 06AK916C0

B139 Single ring Ø102mm. Colour: Sablè 100 Noir.

# 06AK917C0

B140 Double ring for pole Ø102mm. Colour: Sablè 100 Noir.

### 06AK921C0

B1 Single arm Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: Sablé 100 Noir.

Ø60	-76
	°
, <u> </u>	550

# 06AK922C0

B2 Double arm

Ø 60 mm for poles Ø 60-76 mm. L=550 mm. Colour: Sablé 100 Noir.

Ø102	
H	550

# 06AK907C0

B155 Single arm for poles Ø 102 mm. L=550 mm. Colour: Sablé 100 Noir.

Ø1	02
	0
,550	550

# 06AK909C0

B157 Double arm for poles Ø 102 mm. L=550 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.

