



### 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, integrated device complete with thermal fuse for disconnection at the end of life; impulse withstand CL II 10kV CM/DM

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 8.00 kg

Max exposed surface: 0,16 m<sup>2</sup>

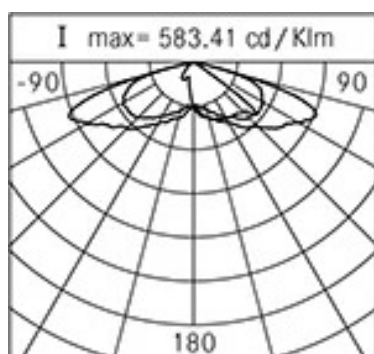
Lateral exposed surface: 0,068 m<sup>2</sup>

Common mode surge protection: 10 kV

Overtoltage protection differential mode: 10 kV

Driver: included

Marks and Certifications: ENEC / CE



### Performance Data\*

LED Current:	525 mA
Source flow:	6530 lm
Source power:	35.5 W
Source efficiency:	184 lm/W
Device flow:	5615 lm
Device power:	39.5 W
Appliance efficiency:	142 lm/W
Glare Index Category:	D5

**Optical System**

Source: LED R2
Color Temperature: 4000 K
Color Rendering Index (CRI): $\geq 70$
Color Consistency (SDCM): $\leq 4$
Type of optics: LA-01 Wide street
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: G*3
BUG rating: B1-U0-G1

**Normative References**

EN60598-1 / EN60598-2-3 / EN62471 / EN61547
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**Installation and maintenance**

Installation: arm suspension
Pole diameter: $\varnothing$ 60 mm
Fixing: 3 x AISI 304 stainless steel securing bolts
$\varnothing$ power cable: 8 ÷ 13 mm
Cable gland: M20
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
Adjusting 1-10V	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 5 mm
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: self-extinguishable technopolymer V0
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

**Colors**

■ Sablé 100 Noir	Code: <b>01KA6C45031CHM4</b>
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## Complements



01KA902C0

B35 Single arm  
L=1000 mm for poles Ø 102 mm with a  
Ø 60 mm fastening part H. 120 mm.  
Colour: Sablé 100 Noir.



01KA903C0

B36 Double arm  
L=1000 mm for poles Ø 102 mm with a  
Ø 60 mm fastening part H. 120 mm.  
Colour: Sablé 100 Noir.



01KA904C0

B37 Single arm  
L=500 mm for poles Ø 102 mm with a  
Ø 60 mm fastening part H. 120 mm.  
Colour: Sablé 100 Noir.



01KA905C0

B38 Double arm  
L=500 mm for poles Ø 102 mm with a  
Ø 60 mm fastening part H. 120 mm.  
Colour: Sablé 100 Noir.



01KA906C0

B39 Single arm  
L=1000 mm for poles Ø 102 mm.  
Colour: Sablé 100 Noir.



01KA907C0

B44 Double arm  
L=1000 mm for poles Ø 102 mm.  
Colour: Sablé 100 Noir.



01KA908C0

B45 Single arm  
L=500 mm for poles Ø 102 mm. Colour:  
Sablé 100 Noir.



01KA909C0

B46 Double arm  
L=500 mm for poles Ø 102 mm. Colour:  
Sablé 100 Noir.



01KA910C0

B39-P Wall-mounted arm  
L=1000 mm. UP / DOWN. Colour: Sablé  
100 Noir.

## Product Sheet

Rev. 11/07/2024

## Kalos Arm Suspension

Color Temperature: 4000 K

Type of optics: LA-01 Wide street

01KA6C45031CHM4

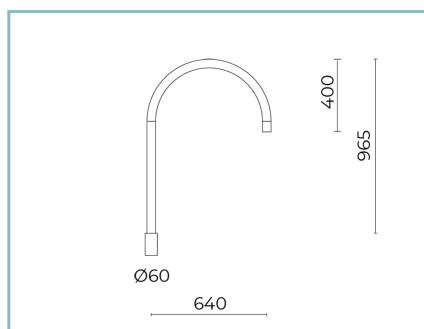
Colour: Sablé 100 Noir



01KA911C0

B45-P Wall-mounted arm

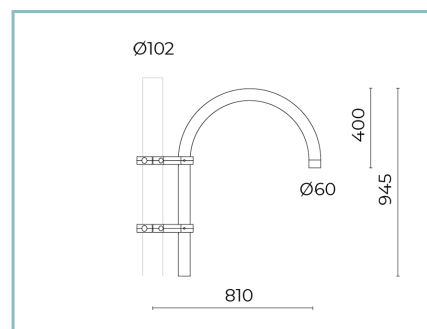
L=500 mm. UP / DOWN. Colour: Sablé 100 Noir.



01AK932C0

B12 Single curved arm

Ø 60 mm for poles Ø 60 mm. L=640 mm. Colour: Sablé 100 Noir.



01AK935C0

B15 Single curved arm

Ø 60 mm for poles Ø 102 mm. L=810 mm. Colour: Sablé 100 Noir.



01AK936C0

B16 Double curved arm

Ø 60 mm for poles Ø 102 mm. L=810 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.