



### General Features

Description: suspension-mounted LED luminaire

Insulation class: classe II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Power Factor: > 0.90

Ambient temperature Ta: -30°C +50°C

Weight: 8.00 kg

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

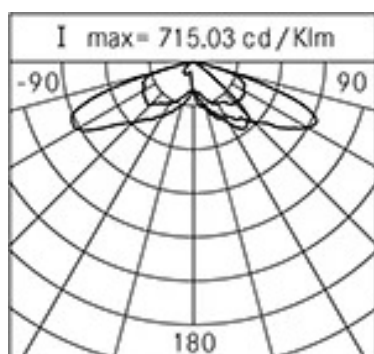
Lateral exposed surface: 0,068 m<sup>2</sup>

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Drivers: included

Marks and Certifications: ENEC / CE



### Performance Data\*

LED Current:	700 mA	525 mA	350 mA
Source flow:	3880 lm	3075 lm	2175 lm
Source power:	24 W	17.5 W	11.5 W
Source efficiency:	162 lm/W	176 lm/W	189 lm/W
Device flow:	3335 lm	2645 lm	1870 lm
Device power:	27 W	20 W	13.5 W
Appliance efficiency:	124 lm/W	132 lm/W	139 lm/W
Glare Index Category:	D5	D6	D6

### Optical System

Source: LED R1
Color Temperature: 3000 K
Color Rendering Index (CRI): $\geq 70$
Color Consistency (SDCM): $\leq 4$
Type of optics: street asymmetrical ME-01
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

### Normative References

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

### Installation and maintenance

Installation: arm suspension
Pole diameter: Ø 60 mm (76 - 102 mm with accessories)
Fixing: 3 x AISI 304 stainless steel securing bolts
Ø 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

Standard On request

Virtual Midnight Teaching	X
Constant flow output (CLO)	X
Adjusting 1-10V	X
DALI control	X
Mains voltage variation	X
Pilot line	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>01KA6B20932CHM3</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. 25/03/2022

**Kalos Arm Suspension**

Color Temperature: 3000 K

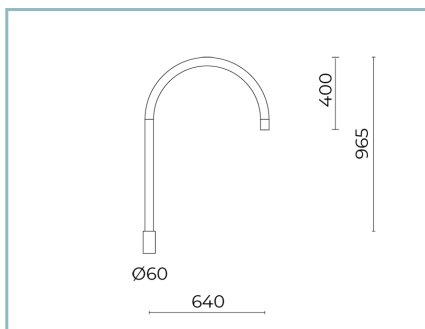
Type of optics: street asymmetrical ME-01

**01KA6B20932CHM3**

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.