



**General Features**

Description:	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:	3.50 kg
Max exposed surface:	0,06 m <sup>2</sup>
Lateral exposed surface:	0,030 m <sup>2</sup>
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 flow:	2740 lm
Source power:	13 W
Source efficiency:	210 lm/W
Device flow:	2355 lm
Device power:	16 W
Appliance efficiency:	147 lm/W
Glare Index Category:	D6

<b>Optical System</b>	<b>Flow adjustment</b>	On request
Source: LED R1	Virtual Midnight Teaching	X
Color Temperature: 3000 K	Constant flow output (CLO)	X
Color Rendering Index (CRI): ≥ 70	DALI control	X
Color Consistency (SDCM): ≤ 3	Mains voltage variation	X
Type of optics: LT-63 Asymmetric beam	Power line telemanagement (PLC)	X
Optical group life: >100.000 h @ Ta 25°C L90B10	Wireless remote management	X
Photobiological safety class: EXEMPT GROUP		
ULOR: 0%		
DLOR: 100%	<b>Materials</b>	
Light intensity category: G*6	Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)	
BUG rating: B0-U0-G0	Screen: tempered flat glass	
<b>Normative References</b>	Lenses: high-transparency PMMA	
EN60598-1 / EN60598-2-3 / EN62471 / EN61547	Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)	
	Seals: expanded anti-age silicone foam	
<b>Installation and maintenance</b>	Screws: stainless steel AISI 304	
Installation: string suspension / wall	Wiring plate: zinc-plated steel	
Tilt: (string suspension) horizontal ± 15°, vertical 0° ÷ 360°; (wall) continuous adjustment -10° +190° (step 5°)	Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance	
Ø power cable: 10 ÷ 14 mm		
Cable Gland: PG16	<b>Colors</b>	
Replaceable wiring plate: removable plate	■ Sablé 100 Noir	Code: 06KS1B230915CHM4
Replaceable optical unit: LED disc replacement		
Power supply compartment: independent from the optical system		

## Complements



06KS904C0

B84 Joint for Ø 60 mm arms.  
Colour: Sablé 100 Noir.



06KS909C0

B89 Connector 4 way IP68



06KS905C0

B85-P Wall-mounted arm /  
ceiling-mounted. L=350 mm. Colour:  
Sablé 100 Noir.



01AK950C0

B15-P Curved wall-mounted arm  
Ø 60 mm. L=840 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.