



**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:                                   | 7.50 kg   |
| Max exposed surface:                      | 0,140 m <sup>2</sup>  |
| Lateral exposed surface:                  | 0,063 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:          | 1940 lm  |
| Source power:         | 9 W      |
| Source efficiency:    | 215 lm/W |
| Device flow:          | 1670 lm  |
| Device power:         | 12 W     |
| Appliance efficiency: | 139 lm/W |
| Glare Index Category: | D5       |

### Optical System

|   |
|---|
| Source: LED R1                                  |
| Color Temperature: 3000 K                       |
| Color Rendering Index (CRI): $\geq 70$          |
| Chromatic consistency (SDCM): $\leq 3$          |
| Type of optics: AP-S2 Pedestrian crossing       |
| Optical group life: >100.000 h @ Ta 25°C L90B10 |
| Photobiological safety class: EXEMPT GROUP      |
| ULOR: 0%  |
| DLOR: 100%                                      |
| Light intensity category: G*6                   |
| BUG rating: B1-U0-G0                            |

### Normative References

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

### Installation and maintenance

|  |
|--|
| Installation: side pole / arm / wall   |
| Pole diameter: Ø 60 - 76 - 102 mm  |
| Tilt: (pole side, wall) continuous / stepped adjustment -10° +190° (step 5°) |
| Ø power cable: 10 ÷ 14 mm  |
| Cable Gland: PG16  |
| 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 |
| 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  |
| 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: zinc-plated steel  |
| Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance |

### Colors

|                  |                               |
|------------------|-------------------------------|
| ■ Sablé 100 Noir | Code: <b>06KS2B221920CHM4</b> |
|------------------|-------------------------------|

## Complements



06KS903C0

B79 Fastening kit on  $\varnothing$  48-60 mm pastoral arms.  
Colour: Sablé 100 Noir.



06KS909C0

B89 Connector 4 way IP68



01AK935C0

B15 Single curved arm  
 $\varnothing$  60 mm for poles  $\varnothing$  102 mm. L=810 mm. Colour: Sablé 100 Noir.



01AK936C0

B16 Double curved arm  
 $\varnothing$  60 mm for poles  $\varnothing$  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.