



General Features

|   |   |
|---|---|
| Description:                              | LED luminaire   |
| Insulation class:                         | class II  |
| Rated voltage:                            | 230 V 50 Hz   |
| Protection Grade:                         | IP66  |
| Impact protection:                        | IK07  |
| 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:                                   | 8.00 kg   |
| Max exposed surface:                      | 0,17 m²   |
| Lateral exposed surface:                  | 0,04 m²   |
| 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:          | 12620 lm | 9965 lm  | 7020 lm  |
| Source power:         | 72 W     | 53 W     | 34.5 W   |
| Source efficiency:    | 175 lm/W | 188 lm/W | 203 lm/W |
| Device flow:          | 10855 lm | 8570 lm  | 6020 lm  |
| Device power:         | 78 W     | 58.5 W   | 39 W     |
| Appliance efficiency: | 139 lm/W | 146 lm/W | 154 lm/W |
| Glare Index Category: | D5       | D6       | D6       |

### Optical System

|   |
|---|
| Source: LED R3  |
| Color Temperature: 4000 K   |
| Color Rendering Index (CRI): $\geq 70$  |
| Color Consistency (SDCM): $\leq 4$  |
| Type of optics: pedestrian crossing AP-01_SX  |
| 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*6   |

### Normative References

EN60598-1 / EN60598-2-3 / EN60598-2-5 / EN62471 / EN61547

### Installation and maintenance

|   |
|---|
| Installation: wall / pole   |
| Pole diameter: Ø 60 - 76 - 102 mm   |
| Tilt: fastened or adjustable with step 15°  |
| Fixing: post top + Ø 48/60 mm bracket, fixed or adjustable with a 15° step / wall-mounted, fixed or adjustable with a 15° |
| Ø power cable: 10 ÷ 14 mm   |
| Cable gland: PG16   |

### Flow adjustment

Standard On request

|   |   |
|---|---|
| Virtual Midnight Teaching                 | X |
| Arrangement for Zhaga connector (Book 18) | 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 |

### Materials

|  |
|--|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)   |
| Screen: tempered flat glass  |
| Lenses: PMMA   |
| Seals: extruded 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: <b>06LV6D60034CHM3</b> |
|------------------|------------------------------|

## Complements



06AK903C0

L3 Joint kit  
single for Ø 60-76 mm poles. Colour:  
Sablé 100 Noir.



06AK904C0

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



06AK910C0

L12 Joint for Ø 60-48 mm pole.  
Colour: Sablé 100 Noir.



06AK954C0

L10 Joint LEVANTE MEDIUM  
for Ø 60 mm pole. Colour: Sablé 100  
Noir.



06AK955C0

L11 Joint LEVANTE MEDIUM  
for wall-mounting. Colour: Sablé 100  
Noir.



06AK905C0

B153 Post top joint  
Ø 60 mm (h. 90 mm). Colour: Sablé 100  
Noir.



06AK921C0

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



06AK922C0

B2 Double arm  
Ø 60 mm for poles Ø 60-76 mm. L=550  
mm. Colour: Sablé 100 Noir.



06AK951C0

B1-P Wall-mounted arm.  
Colour: Sablé 100 Noir.



06AK906C0

B154 Single arm  
for poles Ø 102 mm. L=245 mm. Colour:  
Sablé 100 Noir.



06AK908C0

B156 Double arm  
for poles Ø 102 mm. L=245 mm. Colour:  
Sablé 100 Noir.



06AK909C0

B157 Double arm  
for poles Ø 102 mm. L=550 mm. Colour:  
Sablé 100 Noir.



01AK921C0

B1 Single tubular arm  
Ø 60 mm for poles Ø 60-76 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.