



General Features

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|---|---|
| Description: | LED luminaire |
| Insulation class: | class II |
| Rated voltage: | 220-240 V 50/60 Hz |
| Protection Grade: | IP66 |
| Impact protection: | IK10 |
| 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: | > 0.9 |
| Ambient temperature Ta: | -30°C +50°C |
| Weight: | 4.00 kg |
| Max exposed surface: | 0,07 m² |
| Lateral exposed surface: | 0,02 m² |
| Common mode surge protection: | 10 kV |
| Overvoltage protection differential mode: | 10 kV |
| Driver: | included |
| Marks and Certifications: | ENEC / CE |



Performance Data*

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|-----------------------|----------|
| LED Current: | 525 mA |
| Source flow: | 4200 lm |
| Source power: | 24 W |
| Source efficiency: | 175 lm/W |
| Device flow: | 3320 lm |
| Device power: | 27 W |
| Appliance efficiency: | 123 lm/W |
| Glare Index Category: | D6 |

Optical System

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| Source: LED L1 |
| Color Temperature: 3000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Chromatic consistency (SDCM): ≤ 3 |
| Type of optics: LT-62 Asymmetric beam |
| Optical group life: >100.000h @700mA @Ta25°C TM21 L80B10 |
| Photobiological safety class: EXEMPT GROUP |
| ULOR: 0% |
| DLOR: 100% |
| Light intensity category: G*4 |
| BUG rating: B1-U0-G1 |

Normative References

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

Installation and maintenance

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|---|
| Installation: wall / ground / pole |
| Pole diameter: Ø 60 - 76 - 102 mm |
| Tilt: fastened or adjustable installation |
| Fixing: upwards installation on a pole arm (for poles Ø 60-76 mm or poles Ø 102 mm) with adjustable joint made of die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%), polyester powder coated (Sablé 100 Noir); |
| Wiring: pre-wired product |
| Ø power cable: 10 ÷ 14 mm |
| Cable Gland: PG16 |

Flow adjustment

On request

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|---|---|
| Virtual Midnight Teaching | X |
| Arrangement for Zhaga connector (Book 18) | X |
| Constant flow output (CLO) | X |
| Adjusting 1-10V | X |
| DALI control | X |
| Wireless remote management | X |
| Provision for motion/light sensors | X |

Materials

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| 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: anti-age silicone |
| 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: 06LT6A459A2CHM4 |
|------------------|------------------------------|

Complements



01AK903C0

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



01AK904C0

L4 Double joint kit
for Ø 60-76 mm pole. Colour: Sablé 100 Noir.



06LT903C0

B112 Adjustable joint
LIT small for bracket and picket.
Colour: Sablé 100 Noir.



06AK916C0

B139 Single ring Ø102mm.
Colour: Sablé 100 Noir.



06AK917C0

B140 Double ring for pole Ø102mm.
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.



01AK922C0

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



06AK907C0

B155 Single arm
for poles Ø 102 mm. L=550 mm. Colour: Sablé 100 Noir.



06AK909C0

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

Product Sheet

Rev. 10/07/2024

Lit Brackets and poles

Size: small

Color Temperature: 3000 K

Type of optics: LT-62 Asymmetric beam

06LT6A459A2CHM4Colour: 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.