



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: | 8.00 kg |
| Max exposed surface: | 0,14 m² |
| Lateral exposed surface: | 0,03 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: | 17250 lm |
| Source power: | 95 W |
| Source efficiency: | 182 lm/W |
| Device flow: | 13630 lm |
| Device power: | 103 W |
| Appliance efficiency: | 132 lm/W |
| Glare Index Category: | D5 |

Optical System

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| Source: LED L4 |
| Color Temperature: 4000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Chromatic consistency (SDCM): ≤ 3 |
| Type of optics: ME-03 Medium street |
| 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: B2-U0-G2 |

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: single or double fixed collar for pole Ø 60-76 mm (LIT SMALL) and for pole Ø 102mm (LIT MEDIUM/LARGE) 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

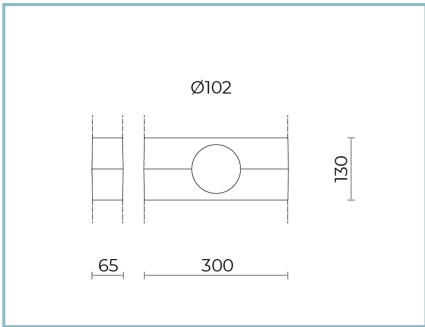
| | |
|------------------|------------------------------|
| ■ Sablé 100 Noir | Code: 06LT8B650A0CHM4 |
|------------------|------------------------------|

Complements



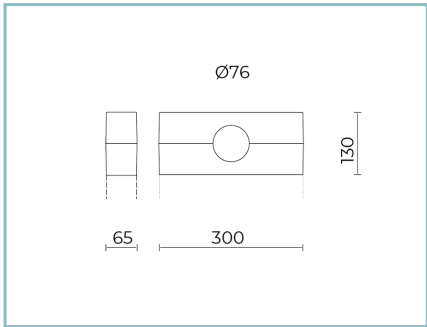
06LT912C0

B121 Single collar
for poles Ø102mm. Colour: Sablé 100
Noir.



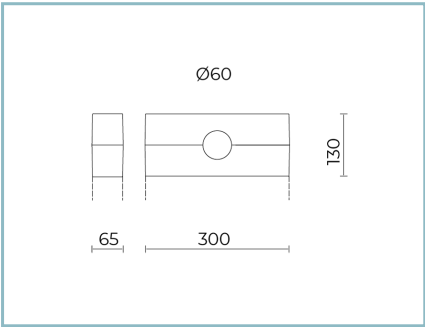
06LT913C0

B122 Double collar
for poles Ø102mm. Colour: Sablé 100
Noir.



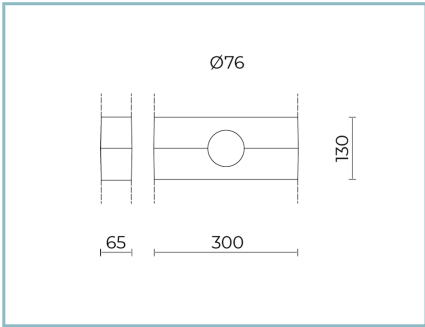
06LT937C0

B174 Single collar
for poles Ø76mm. Colour: Sablé 100
Noir.



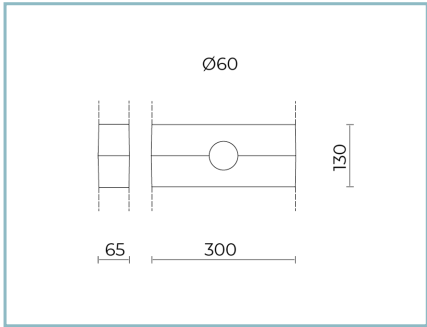
06LT935C0

B172 Single collar
for poles Ø60mm. Colour: Sablé 100
Noir.



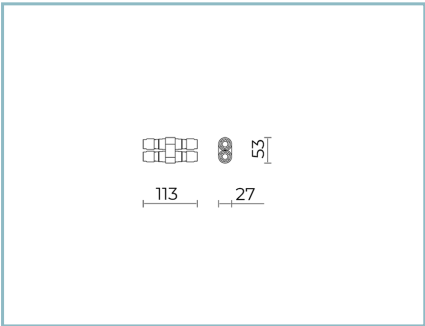
06LT938C0

B175 Double collar
for poles Ø76mm. Colour: Sablé 100
Noir.



06LT936C0

B173 Double collar
for poles Ø60mm. Colour: Sablé 100
Noir.



06KS909C0

B89 Connector 4 way IP68

Product Sheet

Rev. 10/07/2024

Lit Poles

Size: large

Color Temperature: 4000 K

Type of optics: ME-03 Medium street

06LT8B650A0CHM4Colour: 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.