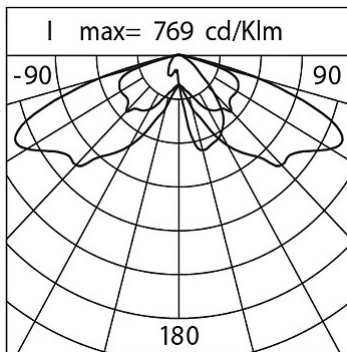


General Features

- Description: lantern designed to house the LED technology
- Insulation class: class II
- Rated voltage: 220-240 V 50 Hz
- Protection Grade: IP66
- Impact protection: IK08
- 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: 0,19 m²
- Lateral exposed surface: 0,09 m²
- 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* | ST-02 | ST-02 | ST-02 | ST-02 | ST-02 |
|-----------------------|----------|----------|----------|----------|----------|
| | 1800K | 2200K | 2700K | 3000K | 4000K |
| LED Current: | 400 mA | 400 mA | 400 mA | 400 mA | 400 mA |
| Source flux: | 3620 lm | 4460 lm | 5110 lm | 5200 lm | 5535 lm |
| Source power: | 28.5 W | 28.5 W | 28.5 W | 28.5 W | 28.5 W |
| Source efficiency: | 127 lm/W | 156 lm/W | 179 lm/W | 182 lm/W | 194 lm/W |
| Device flux: | 2820 lm | 3475 lm | 3985 lm | 4055 lm | 4315 lm |
| Device power: | 33.5 W | 33.5 W | 33.5 W | 33.5 W | 33.5 W |
| Appliance efficiency: | 84 lm/W | 104 lm/W | 119 lm/W | 121 lm/W | 129 lm/W |
| Glare Index Category: | D6 | D6 | D6 | D6 | D6 |

Optical System

| |
|---|
| Source: LED R2 |
| Color Temperature: DWL 1800 K - 4000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Chromatic consistency (SDCM): ≤ 3 |
| Type of optics: ST-02 Narrow street |
| Optical group life: >100.000 h @ Ta 25°C L90B10 |
| Photobiological safety class: EXEMPT GROUP |
| ULOR: 0% |
| DLOR: 100% |
| Light intensity category: G*3 |

Normative References

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

Installation and maintenance

| |
|---|
| Installation: arcade |
| Fixing: arm or chain suspended - standard on arms with a 3/4" female gas attachment; on \varnothing 60 mm arms using the required accessory (code 01AG902C0); fastening system (code 01AG903C0) for catenary suspension system. |
| \varnothing power cable: 10 ÷ 14 mm |
| Cable Gland: PG16 |
| Replaceable wiring plate: removable plate |
| Replaceable optical unit: each LED module is replaceable |
| Disconnecter: automatic (with terminal section 2.5 mm ²) |
| Power supply compartment: independent from the optical system |

Flow adjustment

| | Standard | On request |
|---------------------------------|----------|------------|
| Virtual Midnight Teaching | X | |
| Constant flow output (CLO) | | X |
| DALI control | | X |
| Power line telemanagement (PLC) | | X |
| Wireless remote management | | X |

Materials

| |
|--|
| Body: die-cast aluminium alloy UNI EN AB 47100 (copper content $< 1\%$) |
| Screen: extra clear tempered flat glass 4 mm |
| 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: 01AG3C440414CDWL |
|------------------|-------------------------------|

Mandatory accessories



01AG903C0

Hook for chain suspension

Optional accessories



01AG902C0

Fastening adapter 3/4" gas
for arms UP & DOWN Ø 60 mm.

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.