



Uplights | 198-264 V AC /186-275 V DC
1 x powerLED 1.6 W DC - 3 W AC | CRI 80
83705M60



| Technical data | |
|--|-----------------|
| Type | Frame |
| Installation position | Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Wide Flood |
| Light emission direction | upward |
| Nominal power | 1.6 W DC |
| Total Power | 3 W |
| Source lumens | 233 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 2700 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | AC |
| Safety class | 2 |
| IP | IP67 |
| IK | IK10 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | Driver |
| Dimmable article | No |
| Directional | No |
| Tilting | No |
| Walk-over | Yes |
| Drive-over | 2000 Kg |
| Cable included | Yes |
| Cable length | 1 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 0.180 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | 1 KV |
| Product technological characteristics | Acquastop |

| Finishing casing | |
|------------------|----------------|
| Material | Brass |
| Colour | chrome |
| Processing | Electroplating |

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.



Uplights | 198-264 V AC /186-275 V DC | 1 x powerLED 1.6 W DC - 3 W AC | CRI 80 | Base
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Single emission uplights for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 233 lm, with a 145.6 lm/W nominal luminous efficacy.

The device body is made of brass and features a chrome finish, processed by means of electroplating. The ingress protection degree is IP67; the total weight is of 0.180 kg.

The total absorbed power is 3 W. The power supply cable is included and features a 1 m length.

The device features protection class II and can be floor-mounted with an outer casing, code 84918(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class D.

Illuminotechnical Features

| | |
|--|-------------|
| Light Output Ratio (LOR) | 54 % |
| Source lumens | 233 lm |
| Delivered lumens | 128 lm |
| Consumption | 3 W |
| Luminaire efficacy | 42 lm/W |
| Colour temperature | 2700 K |
| Standard Deviation of Colour Matching | 1.5 Step |
| Colour rendering index | 80 Ra |
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 50°C |

LED Life / Failure Ratio

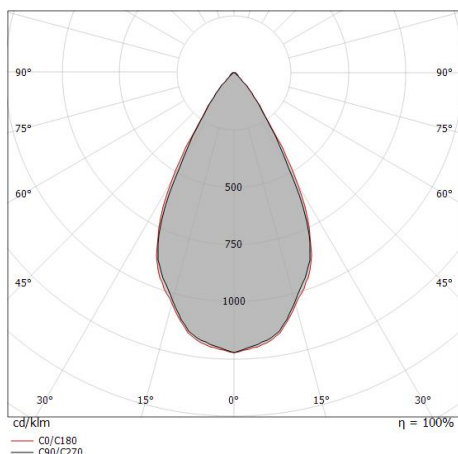
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 22.1 |
| UGR transversal | 22.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 56° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|--------------------------------------|
| 0.5 | 0.53 0.55 | E(0°) 621 E(C90) 215 E(C0) 209 |
| 1.0 | 1.06 1.10 | E(0°) 155 E(C90) 54 E(C0) 52 |
| 1.5 | 1.59 1.65 | E(0°) 69 E(C90) 24 E(C0) 23 |
| 2.0 | 2.12 2.20 | E(0°) 39 E(C90) 13 E(C0) 13 |
| 2.5 | 2.65 2.75 | E(0°) 25 E(C90) 9 E(C0) 8 |
| 3.0 | 3.18 3.30 | E(0°) 17 E(C90) 6 E(C0) 6 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 57.6°)
 — C90/C270 (Half-peak divergence: 55.8°)



Beret_2Q | Uplights | Accessories
83705M60



Outer casing

installation position: floor, land; type of installation: masonry L=87mm, H=60mm, D=60mm.

Material:ABS Plastic, colour:black.

Code

84918