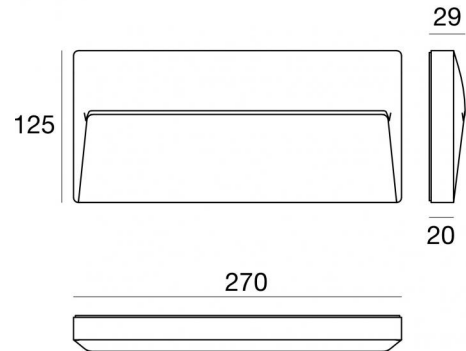
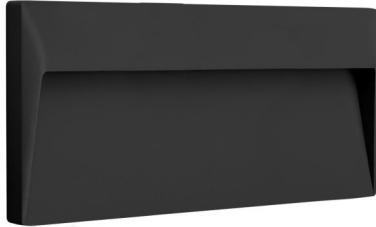


Envelope_W



Wall Lights | 85-277 V
84 topLED 16 W DC - 18 W AC | CRI 80
81509M07



| Technical data | |
|--|-------------------------------|
| Type | Encasement without flange - - |
| Installation position | Wall lights |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | topLED |
| Optics | Asymmetric Wallwasher |
| Light emission direction | downward |
| Nominal power | 16 W DC |
| Total Power | 18 W |
| Source lumens | 1793 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 85 - 277 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 2700 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | AC |
| Safety class | 2 |
| IP | IP65 |
| 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 | No |
| Drive-over | No |
| Cable included | Yes |
| Cable length | 0.3 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 1 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | Yes |
| Product technological characteristics | Acquastop |

| Finishing casing | |
|--------------------|--------------------------------------|
| Material | Die-cast Aluminium EN AB - 46100 |
| Colour | grey RAL 7021 |
| Processing | Open pore anodizing + Powder Coating |
| Finishing diffuser | |
| Material | Extra clear glass - Tempered |
| Colour | transparent |
| Processing | Silk-screening |

Envelope_W



Wall Lights | 85-277 V | 84 topLED 16 W DC - 18 W AC | CRI 80 | Base 81509M07

Single emission wall lights for outdoor application. The super warm white LED light source with a asymmetric wallwasher light distribution is composed of 84 topLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1793 lm, with a 112.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey ral 7021 finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 1 kg.

The total absorbed power is 18 W. The power supply cable is included and features a 0.3 m length.

The device features protection class II and can be wall lights-mounted with an outer casing, code 99745(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) | 39 % |
| Source lumens | 1793 lm |
| Delivered lumens | 700 lm |
| Consumption | 18 W |
| Luminaire efficacy | 38 lm/W |
| Colour temperature | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 80 Ra |

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 40°C

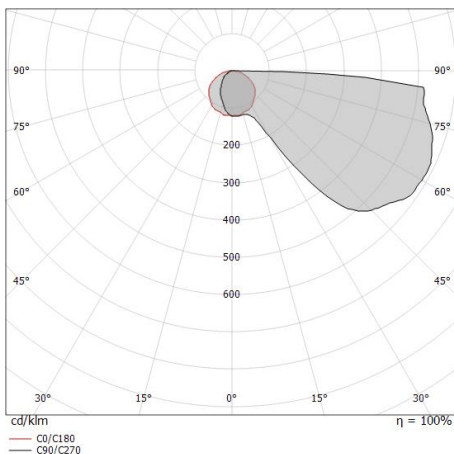
LED Life / Failure Ratio

L70 B10 C0 145770h (at Tj 65 Ta 25)

OPTICAL

C0/C180 optics 121°

Light distribution symmetry Asymmetrical

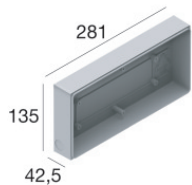


| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|-----------------------|
| 0.5 | 1.77 | E(0°) 322 E(C0) 19 |
| 1.0 | 3.55 | E(0°) 81 E(C0) 5 |
| 1.5 | 5.32 | E(0°) 36 E(C0) 2 |
| 2.0 | 7.10 | E(0°) 20 E(C0) 1 |
| 2.5 | 8.87 | E(0°) 13 E(C0) 1 |
| 3.0 | 10.65 | E(0°) 9 E(C0) 1 |

— C0/C180 (Half-peak divergence: 121.2°)



Envelope_W | Step Lights | Accessories
81509M07



Outer casing

installation position: wall lights; type of installation: masonry L=281mm, H=135mm,
D=42,5mm

Code

99745