

Suelo_R Pro



Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80
82532W30



| Technical data | |
|--|--|
| Type | Drive Over |
| Installation position | Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Flood |
| Light emission direction | upward |
| Nominal power | 2.5 W DC |
| Source lumens | 249 lm |
| Input voltage range | 24 V |
| CCT / Tone | 3000 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | CV |
| Safety class | 3 |
| IP | IP68 |
| Installation limitations | Not for underwater use |
| IK | IK09 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | No |
| C.V. - C.C. Converter | Converter 24V included |
| Dimmable article | DALI - 1-10V |
| Directional | No |
| Tilting | No |
| Walk-over | Yes |
| Drive-over | 2500 Kg |
| Cable included | Yes |
| Cable length | 1 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 0.15 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Optics technology | Honey comb - Set-back low glare optics |
| Product technological characteristics | Acquastop - TVS |

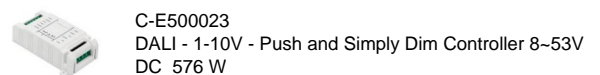
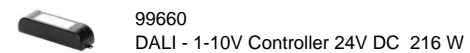
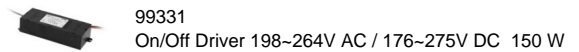
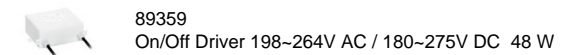
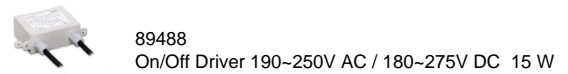
Finishing casing

| | |
|------------|-------------------|
| Material | Aluminium 6026 |
| Colour | Anodised Aluminum |
| Processing | 20 µm anodizing |

Finishing flange

| | |
|----------|------------|
| Material | OT58 brass |
| Colour | Raw Brass |

Electronics



Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|



Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80 | Base 82532W30

Single emission uplights for outdoor application. The warm white LED light source with a flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 249 lm, with a 99.6 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a anodised aluminum finish, processed by means of 20 µm anodizing. The ingress protection degree is IP68; the total weight is of 0.15 kg.

The total absorbed power is 2.5 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code 99684(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) | 34 % |
| Source lumens | 249 lm |
| Delivered lumens | 86 lm |
| Consumption | 2,5 W |
| Luminaire efficacy | 43 lm/W |
| Colour temperature | 3000 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 | 40°C |

LED Life / Failure Ratio

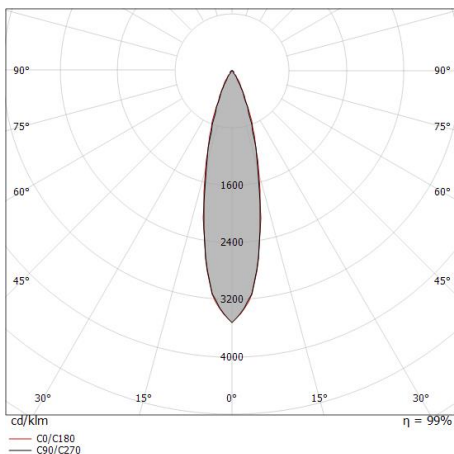
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 20.5 |
| UGR transversal | 20 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 25° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------|--------|-------|
| 0.5 | 0.23 | 1209 | 561 | 563 |
| 1.0 | 0.45 | 302 | 140 | 141 |
| 1.5 | 0.68 | 134 | 62 | 63 |
| 2.0 | 0.90 | 76 | 35 | 35 |
| 2.5 | 1.13 | 48 | 22 | 23 |
| 3.0 | 1.35 | 34 | 16 | 16 |

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

— C0/C180 (Half-peak divergence: 25.6°)
— C90/C270 (Half-peak divergence: 25.4°)



Suelo_R Pro | Uplights | Accessories
82532W30



Outer casing

installation position: floor, land; type of installation: masonry L=75mm, H=80mm, D=75mm.

Material:ABS Plastic, colour:black.

Code

99684