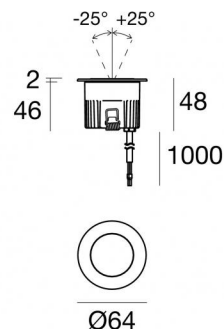


Uplights | 1 x powerLED 5 W DC 24 V | CRI 80
81200N30



| Technical data | |
|--|------------------------|
| Type | Walk Over |
| Installation position | Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Medium Flood |
| Light emission direction | upward |
| Nominal power | 5 W DC |
| Source lumens | 529 lm |
| Input voltage range | 24 V |
| CCT / Tone | 4000 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | CV |
| Safety class | 3 |
| IP | IP68 |
| Installation limitations | Not for underwater use |
| IK | IK10 |
| 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 | No |
| Directional | No |
| Tilting | Yes |
| total angle (vertical plane) | 50 ° |
| 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 | 0.2 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Product technological characteristics | Acquastop - TVS |

Finishing casing

| | |
|------------|--------------------------------------|
| Material | Die-cast Aluminium EN AB - 46100 |
| Colour | black |
| Processing | Open pore anodizing + Powder Coating |

Finishing diffuser

| | |
|----------|------------------------------|
| Material | Extra clear glass - Tempered |
| Colour | transparent |

Finishing flange

| | |
|------------|-----------------|
| Material | AISI 316L steel |
| Colour | steel |
| Processing | Brushing |

Electronics



89488
On/Off Driver 190~250V AC / 180~275V DC 15 W (1 - 3 art.)



89179
On/Off Driver 198~264V AC 24 W (1 - 4 art.)



89359
On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 9 art.)



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 art.)



99660
DALI - 1-10V Controller 24V DC 216 W (1 art.)



C-E500023
DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W (1 art.)



Uplights | 1 x powerLED 5 W DC 24 V | CRI 80 | Base 81200N30

Single emission uplights for outdoor application. The natural white LED light source is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 105.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP68; the total weight is of 0.2 kg.

The total absorbed power is 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 99650(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 E.

Illuminotechnical Features

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 55 % |
| Source lumens | 529 lm |
| Delivered lumens | 293 lm |
| Consumption | 5 W |
| Luminaire efficacy | 58 lm/W |
| Colour temperature | 4000 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 247450h (at Tj 60 Ta 25)

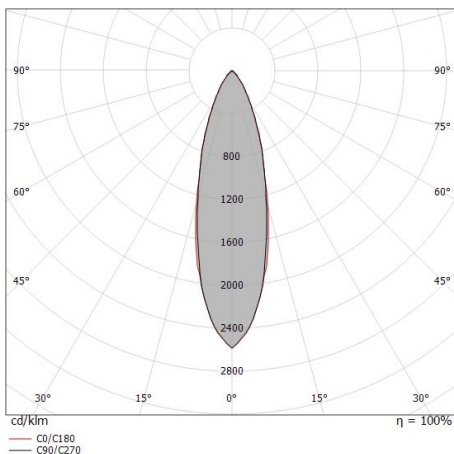
UGR

| | |
|-------------------|----------|
| UGR axial | 17.2 |
| UGR transversal | 17.1 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

C0/C180 optics 29°

Light distribution simmetry Symmetrical



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------|------------|------------|
| 0.5 | 0.25 0.26 | 3025 | 14.3° 1385 | 14.8° 1369 |
| 1.0 | 0.51 0.53 | 756 | 14.3° 346 | 14.8° 342 |
| 1.5 | 0.76 0.79 | 336 | 14.3° 154 | 14.8° 152 |
| 2.0 | 1.02 1.06 | 189 | 14.3° 87 | 14.8° 86 |
| 2.5 | 1.27 1.32 | 121 | 14.3° 55 | 14.8° 55 |
| 3.0 | 1.53 1.59 | 84 | 14.3° 38 | 14.8° 38 |

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

— C0/C180 (Half-peak divergence: 29.6°)
— C90/C270 (Half-peak divergence: 28.6°)



Outer casing

installation position: floor, land; type of installation: masonry L=97mm, H=76mm, D=97mm.

Material:ABS Plastic, colour:black.

Code

99650