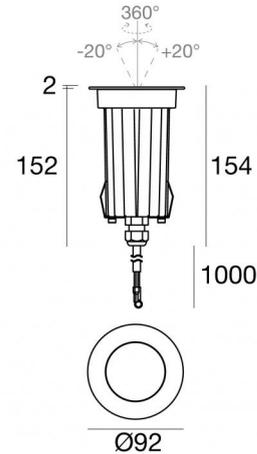




Uplights | 198-264 V
1 x powerLED 8 W DC - 9 W AC | CRI 80
80580M30



| Technical data | |
|--|------------------------|
| Type | Drive Over |
| Installation position | Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Medium Flood |
| Light emission direction | upward |
| Nominal power | 8 W DC |
| Total Power | 9 W |
| Source lumens | 760 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 | 1 |
| 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 | Driver |
| Dimmable article | No |
| Directional | No |
| Tilting | Yes |
| total angle (horizontal plane) | 360 ° |
| total angle (vertical plane) | 40 ° |
| 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 | 0.750 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | 4 KV |
| Product technological characteristics | 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 |

Cables Electrification

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



Uplights | 198-264 V | 1 x powerLED 8 W DC - 9 W AC | CRI 80 | Base 80580M30

Single emission uplights for outdoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 760 lm, with a 95.0 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 0.750 kg.

The total absorbed power is 9 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be floor-mounted with an outer casing, code 99681 (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) | 73 % |
| Source lumens | 760 lm |
| Delivered lumens | 559 lm |
| Consumption | 9 W |
| Luminaire efficacy | 62 lm/W |
| Colour temperature | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 80 Ra |
| Black Body Locus | On |

| | |
|--|-------------|
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 40°C |

LED Life / Failure Ratio

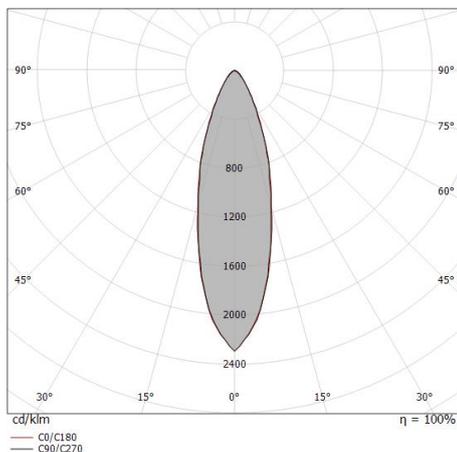
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 19.1 |
| UGR transversal | 19.1 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

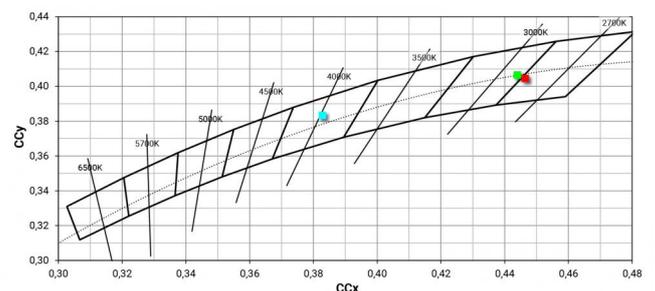
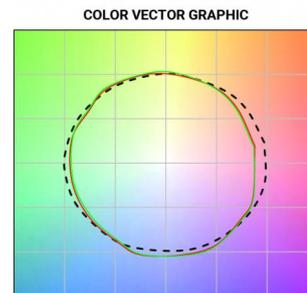
OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 30° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|--------|-------|------------------|
| 0.5 | 0.27 0.27 | 5127 | 2317 | 2320 | |
| 1.0 | 0.53 0.54 | 1282 | 579 | 580 | |
| 1.5 | 0.80 0.80 | 570 | 257 | 258 | |
| 2.0 | 1.06 1.07 | 320 | 145 | 145 | |
| 2.5 | 1.33 1.34 | 205 | 93 | 93 | |
| 3.0 | 1.60 1.61 | 142 | 64 | 64 | |

— C0/C180 (Half-peak divergence: 30.0°)
— C90/C270 (Half-peak divergence: 29.8°)





Suelo_RJ | Uplights | Accessories
80580M30



Outer casing

installation position: floor, land; type of installation: masonry L=85mm, H=220mm,
D=85mm.

Material:ABS, colour:Black.

Code

99681