

# Suelo\_R Pro



Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80  
82532N15



| Technische Daten                                    |   |
|---|---|
| Typ   | Überrollbar                                   |
| Installationsposition                               | Boden   |
| Installationsumgebung                               | Outdoor                                       |
| Lichtquelle   | LED   |
| Circuit structure                                   | powerLED                                      |
| Optik   | Spot  |
| Light emission direction                            | upward  |
| Lampe Nennleistung                                  | 2.5 W DC                                      |
| Lichtstrom (Lichtquelle)                            | 266 lm  |
| Eingangsspannungsbereich                            | 24 V  |
| Ähnlichste Farbtemperatur / Tone                    | 4000 K  |
| Farbwiedergabeindex                                 | 80 Ra   |
| Gleichstrom/Gleichspannung                          | CV  |
| Isolierklasse                                       | 3   |
| IP  | IP68  |
| Installationsbeschränkung                           | Nicht für Einsatz unter Wasser                |
| IK  | IK09  |
| Glühdrahtprüfung                                    | 850°  |
| Direkte Montage auf normal entflammaren Oberflächen | Ja  |
| CE  | Ja  |
| Einschließlich Driver                               | Nein  |
| C.V. - C.C. Converter                               | 24 V Konverter enthalten                      |
| Leuchte dimmbar                                     | DALI - 1-10V                                  |
| Schwenkbarkeit                                      | Nein  |
| Drehbarkeit   | Nein  |
| Begehbarkeit  | Ja  |
| Überrollbarkeit                                     | 2500 Kg                                       |
| Einschließlich Kabel                                | Ja  |
| Kabellänge  | 1 m   |
| Harzbeschichtung                                    | Ja  |
| Typ Lichtabstrahlung                                | Einflammig                                    |
| Nettogewicht  | 0.15 Kg                                       |
| Schutz vor elektrostatischen Entladungen            | Nein  |
| Schutz vor Stoßspannungen                           | Nein  |
| Optiktechnologie                                    | Honey comb -<br>Optica arretrata<br>low glare |
| Technische Merkmale des Produkts                    | Acquastop - TVS                               |

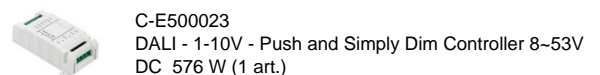
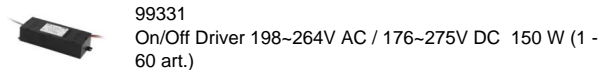
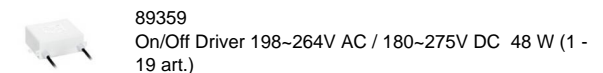
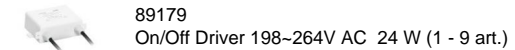
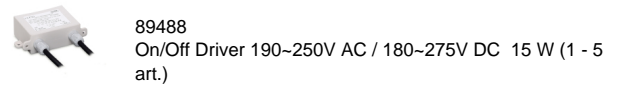
## Oberfläche Gehäuse

|                 |                      |
|-----------------|----------------------|
| Material        | Aluminium 6026       |
| Farbe           | Eloxiertes Aluminium |
| Bearbeitungstyp | Anodisierung 20 µm   |

## Oberfläche flansch

|          |              |
|----------|--------------|
| Material | Messing OT58 |
| Farbe    | Rohmessing   |

## Elektronik



## Cables Electrification

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



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Single emission uplights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 powerLED LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 266 lm, with a 106.4 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.

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

### Illuminotechnical Eigenschaften

|                                       |             |
|---------------------------------------|-------------|
| Light Output Ratio (LOR)              | 43 %        |
| Lichtstrom (Lichtquelle)              | 266 lm      |
| Leuchten Lichtstrom                   | 117 lm      |
| Consumption                           | 2,5 W       |
| Leuchten Lichtausbeute                | 58 lm/W     |
| Farbtemperatur                        | 4000 K      |
| Standard Deviation of Colour Matching | 1.5 Step    |
| Farbwiedergabeindex                   | 80 Ra       |
| Standardumgebungstemperatur           | -20 / +50°C |
| Typische Temperatur am Glas           | 40°C        |

### LED Life / Failure Ratio

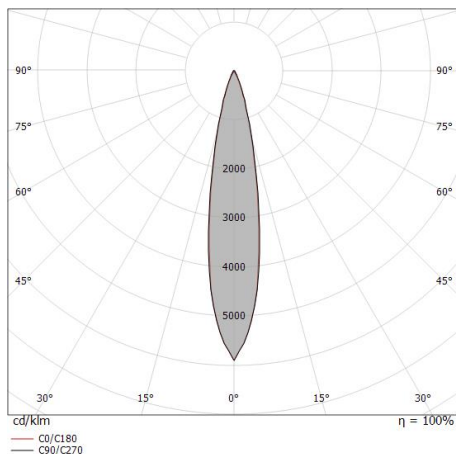
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 20.1     |
| UGR transversal   | 19.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 19°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                        |
|--------------|-------------------|---|
| 0.5          | 0.17<br>0.17      | E(0°) 2748<br>E(C90) 1331<br>E(C0) 1318 |
| 1.0          | 0.35<br>0.34      | E(0°) 687<br>E(C90) 333<br>E(C0) 329    |
| 1.5          | 0.52<br>0.51      | E(0°) 305<br>E(C90) 148<br>E(C0) 146    |
| 2.0          | 0.69<br>0.68      | E(0°) 172<br>E(C90) 83<br>E(C0) 82      |
| 2.5          | 0.86<br>0.85      | E(0°) 110<br>E(C90) 53<br>E(C0) 53      |
| 3.0          | 1.04<br>1.03      | E(0°) 76<br>E(C90) 37<br>E(C0) 37       |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 19.4°)  
 — C90/C270 (Half-peak divergence: 19.6°)



Suelo\_R Pro | Uplights | Accessories  
**82532N15**



## Einbaugehäuse

installationsposition: boden; typ installation: mauerwerk L=75mm, H=80mm, D=75mm.

Material:Kunststoff ABS, farbe:Schwarz.

**Code**

99684