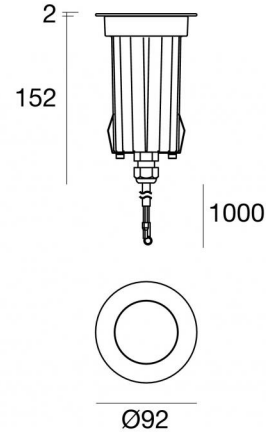


# Suelo\_R Pro



Uplights | 198-264 V  
1 x powerLED 8 W DC - 9 W AC | CRI 80  
**82536M06**



| Technical data                                 |  |
|--|--|
| Type   | Drive Over                             |
| Installation position                          | Floor                                  |
| Installation environment                       | Outdoor                                |
| Light Source                                   | LED                                    |
| Circuit structure                              | powerLED                               |
| Optics   | Ultra Spot                             |
| Light emission direction                       | upward                                 |
| Nominal power                                  | 8 W DC                                 |
| Total Power                                    | 9 W                                    |
| Source lumens                                  | 877 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  | 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                                     | 0.750 Kg                               |
| Electrostatic discharge protection             | Yes                                    |
| Surge protection                               | 4 KV                                   |
| Optics technology                              | Honey comb - Set-back low glare optics |
| 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 | OT58 brass |
| Colour   | Raw Brass  |

## Cables Electrification

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



Uplights | 198-264 V | 1 x powerLED 8 W DC - 9 W AC | CRI 80 | Base 82536M06

Single emission uplights for outdoor application. The super warm white LED light source with a ultra spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 877 lm, with a 109.6 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)              | 52 %           |
| Source lumens                         | 877 lm         |
| Delivered lumens                      | 462 lm         |
| Consumption                           | 9 W            |
| Luminaire efficacy                    | 51 lm/W        |
| Colour temperature                    | 2700 K         |
| Standard Deviation of Colour Matching | 2 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

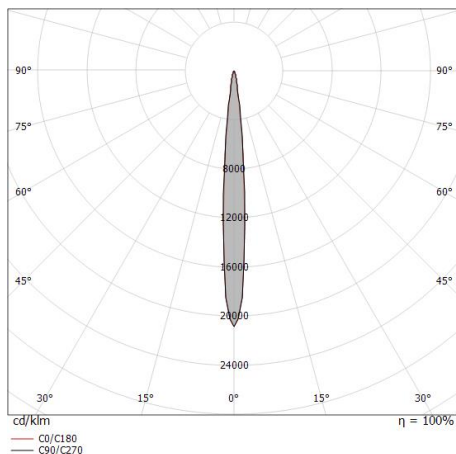
L70 B10 C0 247450h (at Tj 60 Ta 25)

### UGR

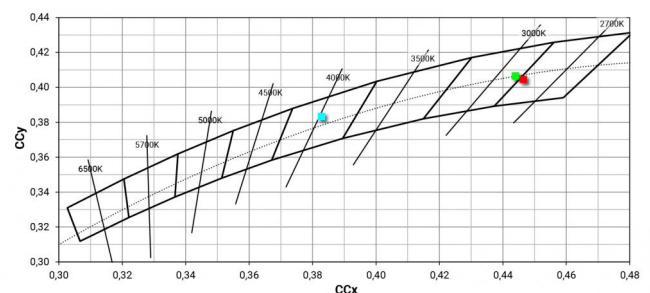
|                   |          |
|-------------------|----------|
| UGR axial         | 10.2     |
| UGR transversal   | 9.2      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 9°          |
| Light distribution symmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                                     |
|--------------|-------------------|--|
| 0.5          | 0.08<br>0.08      | E(0°) 38527<br>E(C90) 4.8° 19312<br>E(C0) 4.6° 19419 |
| 1.0          | 0.17<br>0.16      | E(0°) 9632<br>E(C90) 4.8° 4828<br>E(C0) 4.6° 4855    |
| 1.5          | 0.25<br>0.24      | E(0°) 4281<br>E(C90) 4.8° 2146<br>E(C0) 4.6° 2158    |
| 2.0          | 0.34<br>0.32      | E(0°) 2408<br>E(C90) 4.8° 1207<br>E(C0) 4.6° 1214    |
| 2.5          | 0.42<br>0.40      | E(0°) 1541<br>E(C90) 4.8° 772<br>E(C0) 4.6° 777      |
| 3.0          | 0.50<br>0.48      | E(0°) 1070<br>E(C90) 4.8° 536<br>E(C0) 4.6° 539      |





Suelo\_R Pro | Uplights | Accessories  
**82536M06**



Outer casing

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

Material:ABS, colour:Black.

**Code**

99681