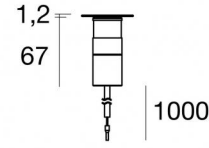


# Suelo\_RX Pro



Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80  
82541N60



| Technical data                                 |  |
|--|--|
| Type   | Drive Over                             |
| Installation position                          | Floor                                  |
| Installation environment                       | Outdoor                                |
| Light Source                                   | LED                                    |
| Circuit structure                              | powerLED                               |
| Optics   | Medium Wide Flood                      |
| Light emission direction                       | upward                                 |
| Nominal power                                  | 2.5 W DC                               |
| Source lumens                                  | 266 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   | 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                                     | 0.16 Kg                                |
| Electrostatic discharge protection             | No                                     |
| Surge protection                               | No                                     |
| Optics technology                              | Honey comb - Set-back low glare optics |
| Product technological characteristics          | TVS                                    |

## Finishing casing

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

## Finishing flange

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

## Electronics

|   |  |
|---|--|
|  | 89488<br>On/Off Driver 190~250V AC / 180~275V DC 15 W (1 - 5 art.)                 |
|  | 89179<br>On/Off Driver 198~264V AC 24 W (1 - 9 art.)                               |
|  | 89359<br>On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 19 art.)                |
|  | 99331<br>On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 60 art.)               |
|  | 99660<br>DALI - 1-10V Controller 24V DC 216 W (- art.)                             |
|  | C-E500023<br>DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W (- art.) |

## Cables Electrification

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



Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80 | Base 82541N60

Single emission uplights for outdoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 powered 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 0.16 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 99685(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)               | 32 %        |
| Source lumens                          | 266 lm      |
| Delivered lumens                       | 86 lm       |
| Consumption                            | 2,5 W       |
| Luminaire efficacy                     | 43 lm/W     |
| Colour temperature                     | 4000 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

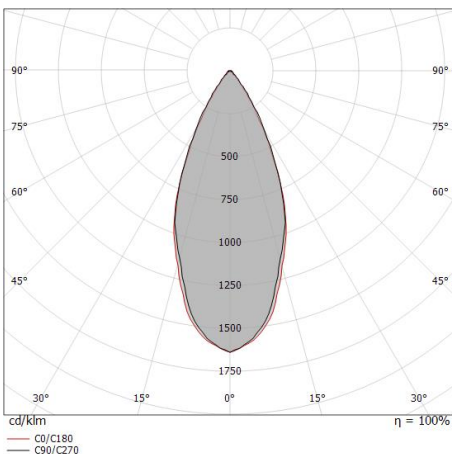
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 21.8     |
| UGR transversal   | 21.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 44°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------------------|-------------------|-------|--------|-------|
| 0.5          | 0.41              | 0.41              | 0.41              | 558   | 222    | 221   |
| 1.0          | 0.82              | 0.82              | 0.82              | 139   | 56     | 55    |
| 1.5          | 1.22              | 1.24              | 1.24              | 62    | 25     | 25    |
| 2.0          | 1.63              | 1.68              | 1.68              | 35    | 14     | 14    |
| 2.5          | 2.04              | 2.06              | 2.06              | 22    | 9      | 9     |
| 3.0          | 2.45              | 2.47              | 2.47              | 15    | 6      | 6     |

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

— C0/C180 (Half-peak divergence: 44.8°)  
— C90/C270 (Half-peak divergence: 44.4°)



Suelo\_RX Pro | Uplights | Accessories  
**82541N60**



Outer casing

installation position: floor, land; type of installation: masonry L=75mm, H=101mm,  
D=75mm.

Material:ABS Plastic, colour:black.

**Code**

99685