

# Suelo\_R Pro



Uplights | 1 x powerLED 3 W DC 1000 mA | CRI 80  
**C01135BMNSP**



Technical data	
Type	Drive Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	upward
Nominal power	3 W DC
Source lumens	642 lm
Input voltage range	1000mA
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
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
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	0.15 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb
Product technological characteristics	Acquastop

## Finishing casing

Material	Aluminium 6026
Colour	Anodised Aluminum
Processing	20 µm anodizing

## Finishing flange

Material	OT58 brass
Colour	Raw Brass

## Electronics

	C-E100034 Push and Simply Dim - DALI-2 Controller (4 - 12 art.)
	C-E100033 On/Off Driver 198~264V AC / 180~280V DC (4 - 12 art.)
	C-E100046 On/Off Driver 100~264V AC / 176~264V DC (1 - 6 art.)
	C-E100047 Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

## 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 powerLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 642 lm, with a 214.0 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 power supply driver is not provided and is to be ordered separately.

The total absorbed power is 3 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.

### Energy efficiency class

This product contains a light source of energy efficiency class D.

### Illuminotechnical Features

Light Output Ratio (LOR)	30 %
Source lumens	642 lm
Delivered lumens	196 lm
Consumption	3 W
Luminaire efficacy	65 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

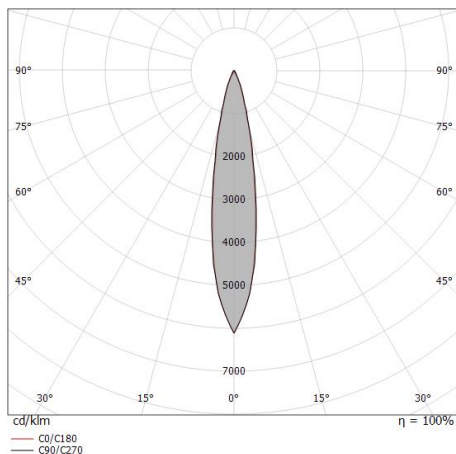
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	21.8
UGR transversal	21.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	19°
Light distribution simmetry	Symmetrical



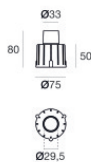
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17 0.16	E(0°) 4795 E(C90) 9.5° 2312 E(C0) 9.3° 2328
1.0	0.33 0.33	E(0°) 1199 E(C90) 9.5° 578 E(C0) 9.3° 582
1.5	0.50 0.49	E(0°) 533 E(C90) 9.5° 257 E(C0) 9.3° 259
2.0	0.67 0.66	E(0°) 300 E(C90) 9.5° 145 E(C0) 9.3° 145
2.5	0.84 0.82	E(0°) 192 E(C90) 9.5° 92 E(C0) 9.3° 93
3.0	1.00 0.98	E(0°) 133 E(C90) 9.5° 64 E(C0) 9.3° 65

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

— C0/C180 (Half-peak divergence: 18.6°)  
— C90/C270 (Half-peak divergence: 19.0°)



Suelo\_R Pro | Uplights | Accessories  
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## Outer casing

installation position: floor, land; type of installation: masonry L=75mm, H=80mm, D=75mm.

Material:ABS Plastic, colour:black.

**Code**

99684