

Suelo_R Pro



Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80
82531N15



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	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	0.15 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Set-back low glare optics
Product technological characteristics	Acquastop - TVS

Finishing casing

Material	Aluminium 6026
Colour	Anodised Aluminum
Processing	20 µm anodizing

Finishing flange

Material	OT58 brass
Colour	Raw Brass

Electronics



89488
On/Off Driver 190~250V AC / 180~275V DC 15 W



89179
On/Off Driver 198~264V AC 24 W



89359
On/Off Driver 198~264V AC / 180~275V DC 48 W



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W



99660
DALI - 1-10V Controller 24V DC 216 W



C-E500023
DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W

Cables Electrification

Cable connector	No
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Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80 | Base 82531N15

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.

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	63 %
Source lumens	266 lm
Delivered lumens	169 lm
Consumption	2,5 W
Luminaire efficacy	84 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

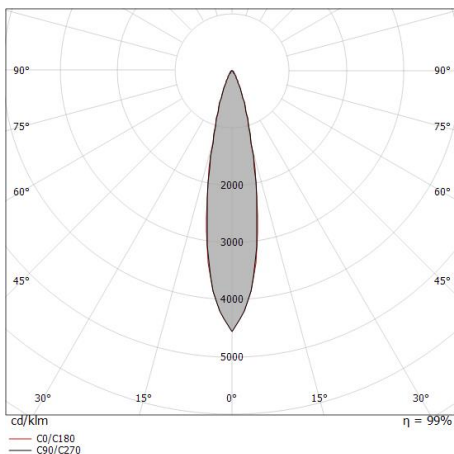
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	19.4
UGR transversal	19.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	22°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.19 0.19	E(0°) 3067 E(C90) 1466 E(C0) 1459
1.0	0.38 0.39	E(0°) 767 E(C90) 367 E(C0) 365
1.5	0.57 0.58	E(0°) 341 E(C90) 163 E(C0) 162
2.0	0.76 0.76	E(0°) 192 E(C90) 92 E(C0) 91
2.5	0.95 0.97	E(0°) 123 E(C90) 59 E(C0) 58
3.0	1.14 1.17	E(0°) 85 E(C90) 41 E(C0) 41

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

— C0/C180 (Half-peak divergence: 22.0°)
— C90/C270 (Half-peak divergence: 21.6°)



Suelo_R Pro | Uplights | Accessories
82531N15



Outer casing

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

Material:ABS Plastic, colour:black.

Code

99684