

Suelo_R Pro



Uplights | 1 x powerLED 3 W DC 24 V | CRI 80
82531M60



Technical data	
Type	Drive Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Wide Flood
Light emission direction	upward
Nominal power	3 W DC
Source lumens	233 lm
Input voltage range	24 V
CCT / Tone	2700 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

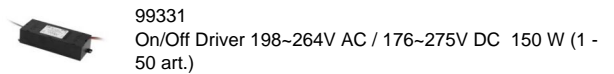
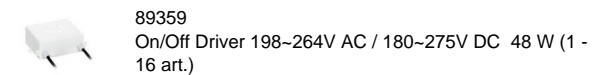
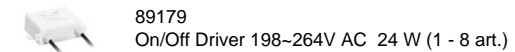
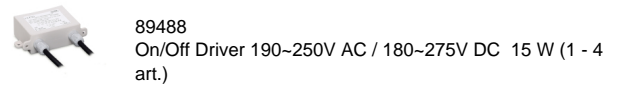
Finishing casing

Material	Aluminium 6026
Colour	Anodised Aluminum
Processing	20 µm anodizing

Finishing flange

Material	OT58 brass
Colour	Raw Brass

Electronics





Uplights | 1 x powerLED 3 W DC 24 V | CRI 80 | Base 82531M60

Single emission uplights for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 233 lm, with a 77.7 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 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)	57 %
Source lumens	233 lm
Delivered lumens	133 lm
Consumption	3 W
Luminaire efficacy	44 lm/W
Colour temperature	2700 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

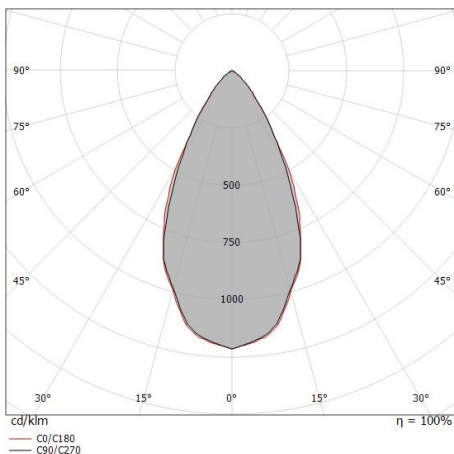
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	22.4
UGR transversal	22.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	52°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Intensity [lx]	E(0°)	E(C90)	E(C0)
0.5	0.49 0.51	602 218 213	26.1°	27.1°	27.1°
1.0	0.98 1.02	151 55 53	26.1°	27.1°	27.1°
1.5	1.47 1.54	67 24 24	26.1°	27.1°	27.1°
2.0	1.96 2.05	38 14 13	26.1°	27.1°	27.1°
2.5	2.45 2.56	24 9 9	26.1°	27.1°	27.1°
3.0	2.94 3.07	17 6 6	26.1°	27.1°	27.1°

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

— C0/C180 (Half-peak divergence: 54.2°)
— C90/C270 (Half-peak divergence: 52.2°)



Suelo_R Pro | Uplights | Accessories
82531M60



Outer casing

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

Material:ABS Plastic, colour:black.

Code

99684