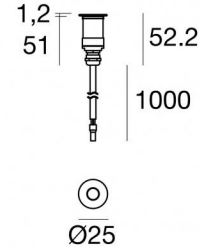


Suelo316_R



Uplights | 1 x powerLED 1 W DC 350 mA | CRI 80
80432M35



Technical data	
Type	Drive Over
Installation position	Wall lights - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Medium Flood
Light emission direction	upward
Nominal power	1 W DC
Source lumens	145 lm
Input voltage range	350mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP68
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	0.066 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	F.O.L.
Product technological characteristics	Acquastop - TVS

Finishing casing

Material	AISI 316 steel
Colour	steel

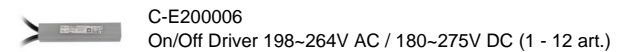
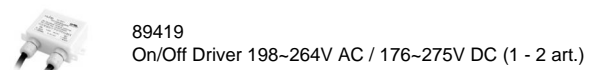
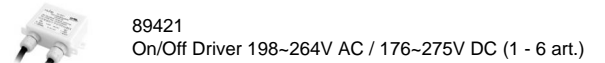
Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

Finishing flange

Material	AISI 316L steel
Colour	steel
Processing	Brushing

Electronics



Cables Electrification

Cable connector	No
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Uplights | 1 x powerLED 1 W DC 350 mA | CRI 80 | Base 80432M35

Single emission uplights for outdoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 145 lm, with a 145.0 lm/W nominal luminous efficacy.

The device body is made of aisi 316 steel and features a steel finish; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP68; the total weight is of 0.066 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 1 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be wall lights or floor-mounted with an outer casing, code 99678(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)	72 %
Source lumens	145 lm
Delivered lumens	105 lm
Consumption	1,0 W
Luminaire efficacy	105 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

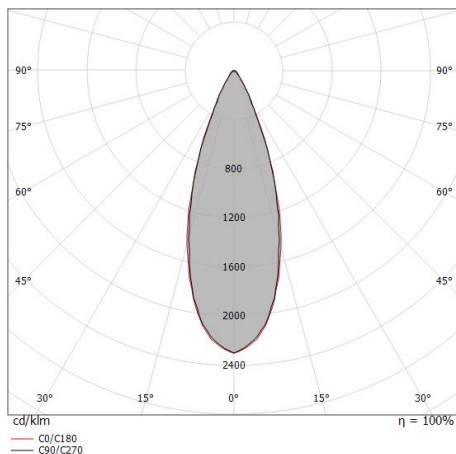
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	25.9
UGR transversal	25.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	36°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	0.32 0.33	964	415	412
1.0	0.65 0.67	241	104	103
1.5	0.97 1.00	107	46	46
2.0	1.29 1.33	60	26	26
2.5	1.61 1.66	39	17	16
3.0	1.94 2.00	27	12	11

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

— C0/C180 (Half-peak divergence: 36.8°)
— C90/C270 (Half-peak divergence: 35.8°)



Suelo316_R | Uplights | Accessories
80432M35



Outer casing - Not suitable for underwater installation
installation position: floor, land; type of installation: masonry L=29mm, H=72mm, D=29mm.
Material:ABS Plastic, colour:black.

Code
99676



Outer casing - IP68
installation position: floor; type of installation: masonry L=75mm, H=73mm, D=75mm.
Material:black, colour:black.

Code
99678