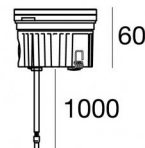




Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80  
82680M00



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Diffused
Light emission direction	upward
Nominal power	2.5 W DC
Source lumens	249 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	IK10
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	No
Directional	No
Tilting	No
Walk-over	Yes
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.5 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop - TVS

#### Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Open pore anodizing + Powder Coating

#### Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

#### Electronics



89488  
On/Off Driver 190~250V AC / 180~275V DC 15 W (1 - 5 art.)



89179  
On/Off Driver 198~264V AC 24 W (1 - 9 art.)



89359  
On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 19 art.)



99331  
On/Off Driver 198~264V AC / 180~275V DC 150 W (1 - 60 art.)



99660  
DALI - 1-10V Controller 24V DC 216 W (- art.)



C-E500023  
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 82680M00**

Single emission uplights for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 249 lm, with a 99.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP68; the total weight is of 0.5 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 83039(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)	5 %
Source lumens	249 lm
Delivered lumens	13 lm
Consumption	2,5 W
Luminaire efficacy	6 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**

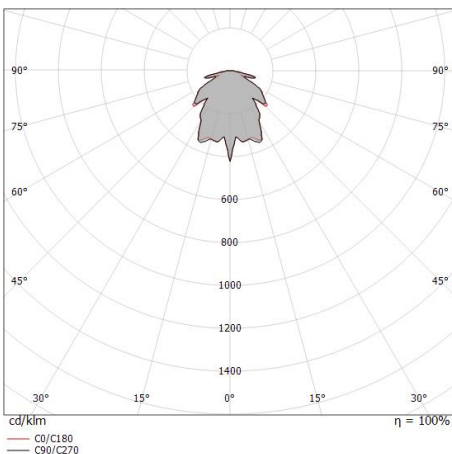
L70 B10 C0 361980h (at Tj 60 Ta 25 )

**UGR**

UGR axial	16.8
UGR transversal	17.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

**OPTICAL**

C0/C180 optics	100°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.19	$\frac{E(0^\circ)}{E(C0)} 50.0^\circ = 213$
1.0	2.38	$\frac{E(0^\circ)}{E(C0)} 50.0^\circ = 51$
1.5	3.58	$\frac{E(0^\circ)}{E(C0)} 50.0^\circ = 20$
2.0	4.77	$\frac{E(0^\circ)}{E(C0)} 50.0^\circ = 10$
2.5	5.96	$\frac{E(0^\circ)}{E(C0)} 50.0^\circ = 6$
3.0	7.15	$\frac{E(0^\circ)}{E(C0)} 50.0^\circ = 4$

— C0/C180 (Half-peak divergence: 100.0°)



Orma\_FO | Uplights | Accessories  
**82680M00**



Outer casing

installation position: floor, land; type of installation: masonry L=87mm, H=88mm, D=87mm.  
Material:ABS Plastic, colour:black.

**Code**

99923



Outer casing

installation position: floor, land; type of installation: masonry L=114mm, H=88mm,  
D=114mm.

Material:ABS Plastic, colour:black.

**Code**

83039