



Uplights | 1 x powerLED 8 W DC 630 mA | CRI 80  
80549M30



Technical data	
Type	Drive Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Flood
Light emission direction	upward
Nominal power	8 W DC
Source lumens	877 lm
Input voltage range	630mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
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
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	0.700 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb
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

### Finishing flange

Material	AISI 316L steel
Colour	steel
Processing	Brushing

### Electronics



99186  
On/Off Driver 198~264V AC (1 - 3 art.)



C-E200008  
On/Off Driver 198~264V AC / 180~275V DC (1 art.)



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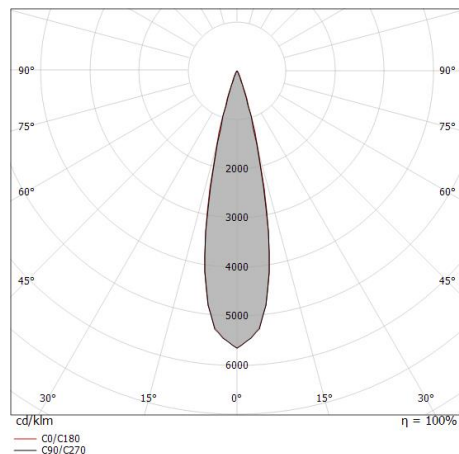
Single emission uplights for outdoor application. The super warm white LED light source with a flood light distribution is composed of 1 poweredLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 877 lm, with a 109.6 lm/W nominal luminous efficacy.

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. The ingress protection degree is IP68; the total weight is of 0.700 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 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 98121 (for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.21 0.22	E(0°) 10248 E(C90) 12.0° 4851 E(C0) 12.2° 4786
1.0	0.43 0.43	E(0°) 2562 E(C90) 12.0° 1213 E(C0) 12.2° 1197
1.5	0.64 0.65	E(0°) 1139 E(C90) 12.0° 539 E(C0) 12.2° 532
2.0	0.85 0.86	E(0°) 640 E(C90) 12.0° 303 E(C0) 12.2° 299
2.5	1.06 1.08	E(0°) 410 E(C90) 12.0° 194 E(C0) 12.2° 191
3.0	1.28 1.30	E(0°) 285 E(C90) 12.0° 135 E(C0) 12.2° 133

— C0/C180 (Half-peak divergence: 24.4°)  
— C90/C270 (Half-peak divergence: 24.0°)

## Energy efficiency class

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

## Illuminotechnical Features

Light Output Ratio (LOR)	51 %
Source lumens	877 lm
Delivered lumens	454 lm
Consumption	8 W
Luminaire efficacy	56 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

## LED Life / Failure Ratio

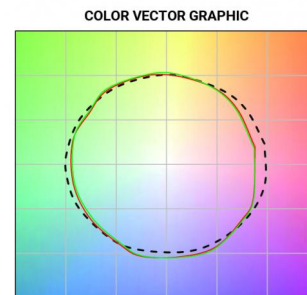
L70 B10 C0 247450h (at Tj 60 Ta 25 )

## UGR

UGR axial	9.1
UGR transversal	9.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C0/C180 optics	24°
Light distribution simmetry	Symmetrical





Suelo\_RX | Uplights | Accessories  
**80549M30**



Outer casing

installation position: floor, land; type of installation: masonry L=110mm, H=155mm,  
D=110mm.

Material:ABS Plastic, colour:black.

**Code**

98121