



Uplights | 1 x powerLED 8 W DC 630 mA | CRI 80
80546N06



Technical data	
Type	Drive Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Ultra Spot
Light emission direction	upward
Nominal power	8 W DC
Source lumens	1013 lm
Input voltage range	630mA
CCT / Tone	4000 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	0.678 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 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.)

Cables Electrification

Cable connector	No
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Uplights | 1 x powerLED 8 W DC 630 mA | CRI 80 | Base 80546N06

Single emission uplights for outdoor application. The natural white LED light source with a ultra spot light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1013 lm, with a 126.6 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 ingress protection degree is IP68; the total weight is of 0.678 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 99680(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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	65 %
Source lumens	1013 lm
Delivered lumens	663 lm
Consumption	8 W
Luminaire efficacy	82 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

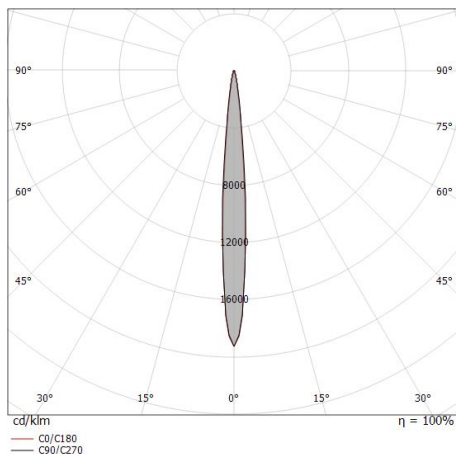
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	16.4
UGR transversal	16.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	9°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.08 0.08	E(0°) 50956 E(C90) 4.7° 25637 E(C0) 4.6° 25927
1.0	0.16 0.16	E(0°) 12739 E(C90) 4.7° 6409 E(C0) 4.6° 6482
1.5	0.25 0.24	E(0°) 5662 E(C90) 4.7° 2849 E(C0) 4.6° 2881
2.0	0.33 0.32	E(0°) 3185 E(C90) 4.7° 1602 E(C0) 4.6° 1620
2.5	0.41 0.40	E(0°) 2038 E(C90) 4.7° 1025 E(C0) 4.6° 1037
3.0	0.49 0.48	E(0°) 1415 E(C90) 4.7° 712 E(C0) 4.6° 720

— C0/C180 (Half-peak divergence: 9.2°)
— C90/C270 (Half-peak divergence: 9.4°)



Outer casing

installation position: floor, land; type of installation: masonry L=85mm, H=155mm, D=85mm.

Material:ABS Plastic, colour:black.

Code

99680