

Suelo_R Pro



Uplights | 1 x powerLED 9 W DC 24 V | CRI 80
80566M06



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	9 W DC
Source lumens	877 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	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
Optics technology	Dark light - Set-back low glare optics
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

 89179
On/Off Driver 198-264V AC 24 W (1 - 2 art.)

 89359
On/Off Driver 198-264V AC / 180-275V DC 48 W (1 - 5 art.)

 99331
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 16 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



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Single emission uplights for outdoor application. The super warm white LED light source with a ultra spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 877 lm, with a 97.4 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 0.678 kg.

The total absorbed power is 9 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)	48 %
Source lumens	877 lm
Delivered lumens	424 lm
Consumption	9 W
Luminaire efficacy	47 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

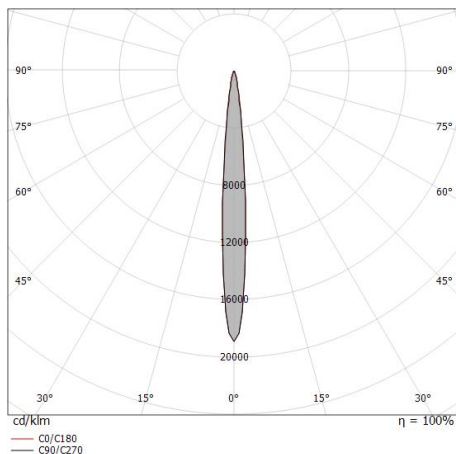
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	9.3
UGR transversal	8.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

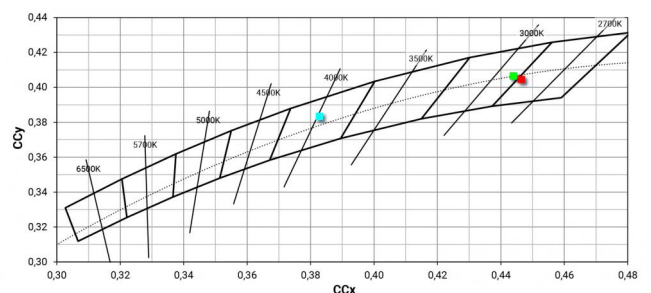
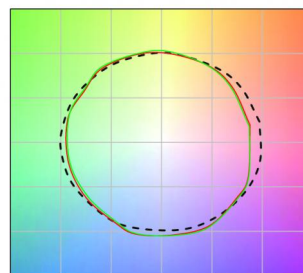
C0/C180 optics	10°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.08 0.09	E(0°) 32054 E(C90) 4.8° 16194 E(C0) 4.9° 15898
1.0	0.12 0.17	E(0°) 8013 E(C90) 4.8° 4048 E(C0) 4.9° 3974
1.5	0.25 0.26	E(0°) 3562 E(C90) 4.8° 1799 E(C0) 4.9° 1766
2.0	0.34 0.34	E(0°) 2003 E(C90) 4.8° 1012 E(C0) 4.9° 994
2.5	0.42 0.43	E(0°) 1282 E(C90) 4.8° 648 E(C0) 4.9° 636
3.0	0.50 0.51	E(0°) 890 E(C90) 4.8° 450 E(C0) 4.9° 442

— C0/C180 (Half-peak divergence: 9.8°)
— C90/C270 (Half-peak divergence: 9.6°)

COLOR VECTOR GRAPHIC





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Outer casing

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

Material:ABS Plastic, colour:black.

Code

99680