Suelo_RJ Pro

Uplights | 1 x powerLED 9 W DC 24 V | CRI 80
80578W20

360°
-20° +20°

2
112
1000

Ø92

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	9 W DC
Source lumens	760 lm
Input voltage range	24 V
CCT / Tone	3000 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	Yes
total angle (horizontal plane)	360 °
total angle (vertical plane)	40 °
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	0.7 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

Finishing flange

Material	AISI 316L steel
Colour	steel
Processing	Brushing

Electronics

89488	On/Off Driver 190~250V AC / 180~275V DC 15 W (1 art.)
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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Uplights | 1 x powerLED 9 W DC 24 V | CRI 80 | Base
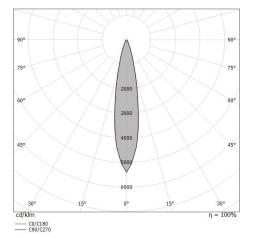**80578W20**

Single emission uplights for outdoor application. The warm white LED light source is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 760 lm, with a 84.4 lm/W nominal luminous efficacy.
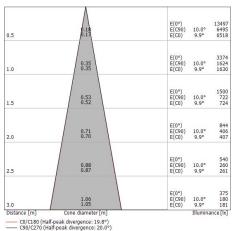
The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP68; the total weight is of 0.7 kg.

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)	82 %
Source lumens	760 lm
Delivered lumens	625 lm
Consumption	9 W
Luminaire efficacy	69 lm/W
Colour temperature	3000 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	15.4
UGR transversal	15.4
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	20°
Light distribution simmetry	Symmetrical

cd/klm η = 100%
— C0/C180
— C90/C270

E(0°)		13497
E(C90)	10.0°	6495
E(C0)	9.9°	6518

E(0°)		3374
E(C90)	10.0°	1624
E(C0)	9.9°	1630

E(0°)		1500
E(C90)	10.0°	722
E(C0)	9.9°	724

E(0°)		844
E(C90)	10.0°	406
E(C0)	9.9°	407

E(0°)		540
E(C90)	10.0°	260
E(C0)	9.9°	261

E(0°)		375
E(C90)	10.0°	180
E(C0)	9.9°	181

Distance [m]   Cone diameter [m]   Illuminance [lx]
— C0/C180 (Half-peak divergence: 19.8°)
— C90/C270 (Half-peak divergence: 20.0°)

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80578W20

Ø85
22
133
Ø70

Outer casing
installation position: floor, land; type of installation: masonry L=85mm, H=155mm, D=85mm.
Material:ABS Plastic, colour:black.

Code

99680

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