



Uplights | 1 x powerLED 9 W DC 24 V | CRI 80
80551N06



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	1013 lm
Input voltage range	24 V
CCT / Tone	4000 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	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	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



89179
On/Off Driver 198~264V AC 24 W



89359
On/Off Driver 198~264V AC / 180~275V DC 48 W



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W



99660
DALI - 1-10V Controller 24V DC 216 W



C-E500023
DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W



Uplights | 1 x powerLED 9 W DC 24 V | CRI 80 | Base 80551N06

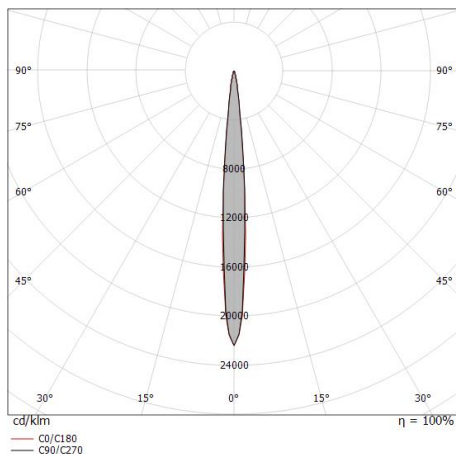
Single emission uplights for outdoor application. The natural white LED light source with a ultra spot light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1013 lm, with a 112.6 lm/W nominal luminous efficacy.

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 0.678 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.08 0.08	E(0°) 45518 E(C90) 4.5° 22763 E(C0) 4.6° 23136
1.0	0.16 0.16	E(0°) 11379 E(C90) 4.5° 5691 E(C0) 4.6° 5784
1.5	0.24 0.24	E(0°) 5058 E(C90) 4.5° 2529 E(C0) 4.6° 2571
2.0	0.31 0.32	E(0°) 2845 E(C90) 4.5° 1423 E(C0) 4.6° 1446
2.5	0.39 0.40	E(0°) 1821 E(C90) 4.5° 911 E(C0) 4.6° 925
3.0	0.47 0.48	E(0°) 1264 E(C90) 4.5° 632 E(C0) 4.6° 643

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 9.2°)
— C90/C270 (Half-peak divergence: 9.0°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	50 %
Source lumens	1013 lm
Delivered lumens	507 lm
Consumption	9 W
Luminaire efficacy	56 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	10.7
UGR transversal	10.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	9°
Light distribution simmetry	Symmetrical



Outer casing

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

Material:ABS Plastic, colour:black.

Code

99680