



Uplights | 1 x powerLED 9 W DC 24 V | CRI 80  
80551W06



| 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                                  | 945 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  | 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 80551W06

Single emission uplights for outdoor application. The warm white LED light source with a ultra spot light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 945 lm, with a 105.0 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)               | 49 %           |
| Source lumens                          | 945 lm         |
| Delivered lumens                       | 470 lm         |
| Consumption                            | 9 W            |
| Luminaire efficacy                     | 52 lm/W        |
| Colour temperature                     | 3000 K         |
| Standard Deviation of Colour Matching  | 2 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

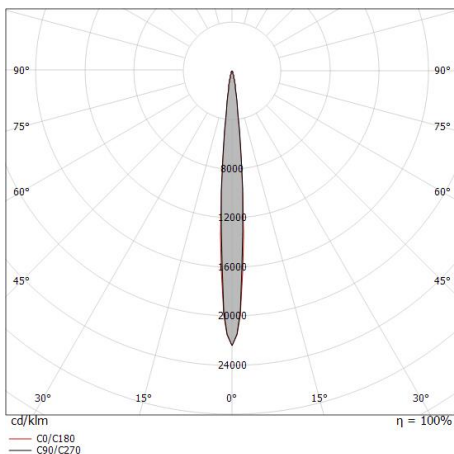
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 10.4     |
| UGR transversal   | 10.2     |
| 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<br>0.08      | E(0°) 42131<br>E(C90) 4.5° 21069<br>E(C0) 4.6° 21415 |
| 1.0          | 0.16<br>0.16      | E(0°) 10533<br>E(C90) 4.5° 5267<br>E(C0) 4.6° 5354   |
| 1.5          | 0.24<br>0.24      | E(0°) 4681<br>E(C90) 4.5° 2341<br>E(C0) 4.6° 2379    |
| 2.0          | 0.31<br>0.32      | E(0°) 2633<br>E(C90) 4.5° 1317<br>E(C0) 4.6° 1338    |
| 2.5          | 0.39<br>0.40      | E(0°) 1685<br>E(C90) 4.5° 843<br>E(C0) 4.6° 857      |
| 3.0          | 0.47<br>0.48      | E(0°) 1170<br>E(C90) 4.5° 585<br>E(C0) 4.6° 595      |

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



Suelo\_R | Uplights | Accessories  
**80551W06**



Outer casing

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

Material:ABS Plastic, colour:black.

**Code**

99680