





Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80 | Base 82531W15

Single emission uplights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 powerLED LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 249 lm, with a 99.6 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a anodised aluminum finish, processed by means of 20 µm anodizing. The ingress protection degree is IP68; the total weight is of 0.15 kg.

The total absorbed power is 2.5 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 99684(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 D.

### Illuminotechnical Features

Light Output Ratio (LOR)	63 %
Source lumens	249 lm
Delivered lumens	158 lm
Consumption	2,5 W
Luminaire efficacy	79 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

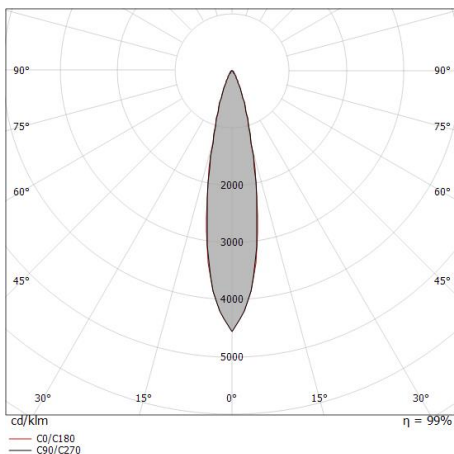
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	19.1
UGR transversal	19.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	22°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.19 0.19	2866	1370	1363
1.0	0.38 0.39	716	343	341
1.5	0.57 0.58	318	152	151
2.0	0.76 0.76	179	86	85
2.5	0.95 0.97	115	55	55
3.0	1.14 1.17	80	38	38

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 22.0°)  
— C90/C270 (Half-peak divergence: 21.6°)



Suelo\_R Pro | Uplights | Accessories  
**82531W15**



#### Outer casing

installation position: floor, land; type of installation: masonry L=75mm, H=80mm, D=75mm.

Material:ABS Plastic, colour:black.

**Code**

99684