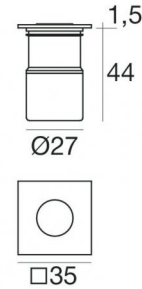




Uplights | 1 x powerLED 2 W DC 630 mA | CRI 80  
**93133N15**



Technical data	
Type	Frame
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Nominal power	2 W DC
Source lumens	249 lm
Input voltage range	630mA
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP67
IK	IK05
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	Yes
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.180 Kg
Electrostatic discharge protection	No
Surge protection	No

### Finishing casing

Material	Brass
Colour	nickel
Processing	Brushing

### Electronics



89420  
 On/Off Driver 198~264V AC / 176~275V DC (1 - 2 art.)



99186  
 On/Off Driver 198~264V AC (1 - 12 art.)



C-E200008  
 On/Off Driver 198~264V AC / 180~275V DC (1 - 6 art.)



Uplights | 1 x powerLED 2 W DC 630 mA | CRI 80 | Base 93133N15

Single emission uplights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 powerLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 249 lm, with a 124.5 lm/W nominal luminous efficacy.

The device body is made of brass and features a nickel finish, processed by means of brushing. The ingress protection degree is IP67; the total weight is of 0.180 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 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 84918(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)	57 %
Source lumens	249 lm
Delivered lumens	144 lm
Consumption	2,0 W
Luminaire efficacy	72 lm/W
Colour temperature	4000 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

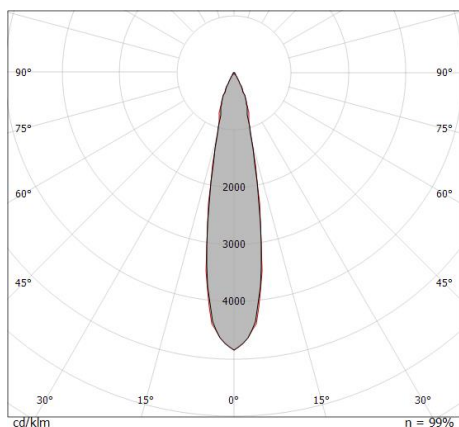
L70 B10 C0 361980h (at Tj 60 Ta 25)

### UGR

UGR axial	21.1
UGR transversal	21.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	21°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.19	E(0°) 2788 E(C90) 1338 E(C0) 1329
1.0	0.37	E(0°) 697 E(C90) 335 E(C0) 332
1.5	0.56	E(0°) 310 E(C90) 149 E(C0) 148
2.0	0.75	E(0°) 174 E(C90) 84 E(C0) 83
2.5	0.94	E(0°) 112 E(C90) 54 E(C0) 53
3.0	1.12	E(0°) 77 E(C90) 37 E(C0) 37

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

— C0/C180 (Half-peak divergence: 21.4°)  
— C90/C270 (Half-peak divergence: 21.2°)



Beret\_2Q | Uplights | Accessories  
**93133N15**

Springs for recessing

**Code**

LED-MOL008ACC



Outer casing

installation position: floor, land; type of installation: masonry L=87mm, H=60mm, D=60mm.

Material:ABS Plastic, colour:black.

**Code**

84918