

# Beret\_2R



Uplights | 100-250 V  
1 x powerLED 1.6 W DC - 3 W AC | CRI 80  
**83568W15**



## Technical data

Type	Walk Over
Installation position	Wall lights - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	upward
Nominal power	1.6 W DC
Total Power	3 W
Source lumens	249 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	100 - 250 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP67
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	Yes
Drive-over	2000 Kg
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.230 Kg
Electrostatic discharge protection	Yes
Surge protection	Yes
Product technological characteristics	Acquastop

## Finishing casing

Material	OT58 brass
Colour	White
Processing	Powder coating

## Cables Electrification

Cable connector	No
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Uplights | 100-250 V | 1 x powerLED 1.6 W DC - 3 W AC | CRI 80 | Base 83568W15

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 155.6 lm/W nominal luminous efficacy.

The device body is made of ot58 brass and features a white finish, processed by means of powder coating. The ingress protection degree is IP67; the total weight is of 0.230 kg.

The total absorbed power is 3 W. The power supply cable is included and features a 1 m length.

The device features protection class II and can be wall lights or 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)	54 %
Source lumens	249 lm
Delivered lumens	135 lm
Consumption	3 W
Luminaire efficacy	45 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	50°C

### LED Life / Failure Ratio

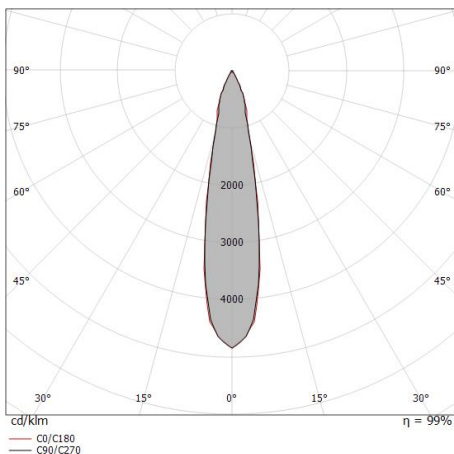
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	20.9
UGR transversal	20.9
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 0.19	E(0°) 2614 E(C90) 10.6° 1255 E(C0) 10.7° 1246
1.0	0.37 0.38	E(0°) 653 E(C90) 10.6° 314 E(C0) 10.7° 311
1.5	0.56 0.57	E(0°) 290 E(C90) 10.6° 139 E(C0) 10.7° 138
2.0	0.75 0.76	E(0°) 163 E(C90) 10.6° 78 E(C0) 10.7° 78
2.5	0.94 0.94	E(0°) 105 E(C90) 10.6° 50 E(C0) 10.7° 50
3.0	1.12 1.13	E(0°) 73 E(C90) 10.6° 35 E(C0) 10.7° 35

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

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



Beret\_2R | Uplights | Accessories  
**83568W15**



Outer casing

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

Material:ABS Plastic, colour:black.

**Code**

84918