

Beret_2R



Uplights | 198-264 V AC /186-275 V DC
1 x powerLED 1.6 W DC - 3 W AC | CRI 80
83569W08



Technical data	
Type	Walk Over
Installation position	Wall lights - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Narrow 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	198 - 264 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	1 KV
Product technological characteristics	Acquastop

Finishing casing

Material	OT58 brass
Colour	Grey
Processing	Powder coating

Cables Electrification

Cable connector	No
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The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.



Uplights | 198-264 V AC /186-275 V DC | 1 x powerLED 1.6 W DC - 3 W AC | CRI 80 | Base
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Single emission uplights for outdoor application. The warm white LED light source with a narrow spot light distribution is composed of 1 powered 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 grey 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 a 29 mm diameter hole (in plasterboard) 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)	68 %
Source lumens	249 lm
Delivered lumens	170 lm
Consumption	3 W
Luminaire efficacy	56 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	12.1
UGR transversal	12.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	10°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.09 0.09	E(0°) 8135 E(C90) 5.1° 4041 E(C0) 5.2° 4081
1.0	0.18 0.18	E(0°) 2034 E(C90) 5.1° 1010 E(C0) 5.2° 1020
1.5	0.27 0.27	E(0°) 904 E(C90) 5.1° 449 E(C0) 5.2° 453
2.0	0.36 0.36	E(0°) 508 E(C90) 5.1° 253 E(C0) 5.2° 255
2.5	0.45 0.46	E(0°) 325 E(C90) 5.1° 162 E(C0) 5.2° 163
3.0	0.54 0.55	E(0°) 226 E(C90) 5.1° 112 E(C0) 5.2° 113

— C0/C180 (Half-peak divergence: 10.4°)
— C90/C270 (Half-peak divergence: 10.2°)



Beret_2R | Uplights | Accessories
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Outer casing

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

Material:ABS Plastic, colour:black.

Code

84918