

# Beret\_2Q



Uplights | 100-250 V  
1 x powerLED 1.6 W DC - 3 W AC | CRI 80  
**83706M30**



Technical data	
Type	Frame
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Flood
Light emission direction	upward
Nominal power	1.6 W DC
Total Power	3 W
Source lumens	233 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	100 - 250 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 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	0.180 Kg
Electrostatic discharge protection	Yes
Surge protection	Yes
Product technological characteristics	Acquastop

Finishing casing	
Material	Brass
Colour	nickel
Processing	Brushing



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### Energy efficiency class

This product contains a light source of energy efficiency class D.

### Illuminotechnical Features

Light Output Ratio (LOR)	56 %
Source lumens	233 lm
Delivered lumens	132 lm
Consumption	3 W
Luminaire efficacy	44 lm/W
Colour temperature	2700 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	20.3
UGR transversal	19.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	26°
Light distribution simmetry	Symmetrical

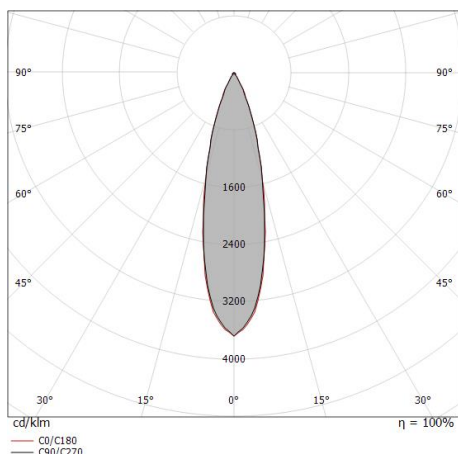
Single emission uplights for outdoor application. The super warm white LED light source with a flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 233 lm, with a 145.6 lm/W nominal luminous efficacy.

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 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 floor-mounted with an outer casing, code 84918(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	Half-peak divergence [°]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	0.23	26.4°	1928	893	891
1.0	0.47	26.4°	482	223	223
1.5	0.70	26.4°	214	99	99
2.0	0.93	26.4°	120	56	56
2.5	1.16	26.4°	77	36	36
3.0	1.40	26.4°	54	25	25

— C0/C180 (Half-peak divergence: 26.4°)  
— C90/C270 (Half-peak divergence: 26.2°)



Beret\_2Q | Uplights | Accessories  
**83706M30**



Outer casing

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

Material:ABS Plastic, colour:black.

**Code**

84918