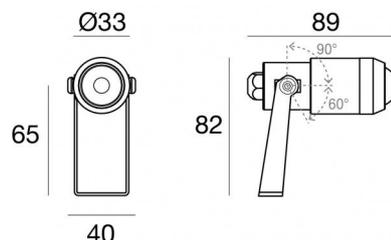




Projectors | 198-264 V AC /186-275 V DC  
1 x powerLED 1.6 W DC - 3 W AC | CRI 80  
**83572M85**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Optics	Adjustable Focus
Light emission direction	frontal
Nominal power	1.6 W DC
Total Power	3 W
Source lumens	233 lm
Voltage	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
Safety class	2
IP	IP66
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	Swivelling
total angle (vertical plane)	150 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.3 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Optics technology	F.O.L.

### Finishing casing

Material	OT58 brass
Colour	Embossed black RAL 9005
Processing	Powder coating

### Finishing diffuser

Material	Extra clear glass
Colour	transparent

### Finishing bracket

Material	AISI 316 steel
Colour	Embossed black RAL 9005
Processing	Powder coating

### Cables Electrification

Cable connector	No
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Projectors | 198-264 V AC /186-275 V DC | 1 x powerLED 1.6 W DC - 3 W AC | CRI 80 | Angle Max  
83572M85

Single emission projectors for outdoor application. The super warm LED light source with a adjustable focus light distribution is composed of 1 powerLEDs 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 ot58 brass and features a embossed black ral 9005 finish, processed by means of powder coating; the diffuser is made of extra clear glass. The ingress protection degree is IP66; the total weight is of 0.3 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, ceiling or floor-mounted.

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)	75 %
Source lumens	233 lm
Delivered lumens	177 lm
Consumption	3 W
Luminaire efficacy	59 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

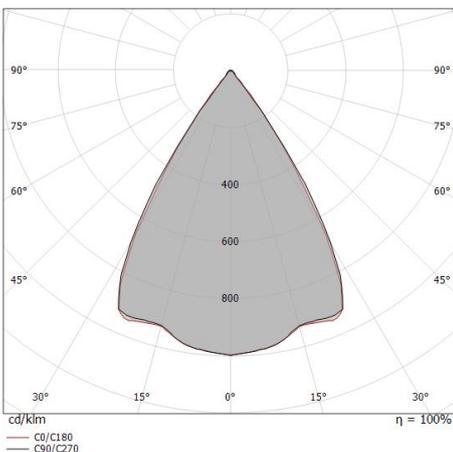
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	19.4
UGR transversal	18.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	64°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.64 0.62	E(0°) 707 E(C90) 214 E(C0) 216
1.0	1.28 1.24	E(0°) 177 E(C90) 54 E(C0) 54
1.5	1.92 1.87	E(0°) 79 E(C90) 24 E(C0) 24
2.0	2.56 2.49	E(0°) 44 E(C90) 13 E(C0) 14
2.5	3.20 3.11	E(0°) 28 E(C90) 9 E(C0) 9
3.0	3.84 3.73	E(0°) 20 E(C90) 6 E(C0) 6

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

— C0/C180 (Half-peak divergence: 63.8°)  
— C90/C270 (Half-peak divergence: 65.2°)



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

Angle Min

**83572M85**

Single emission projectors for outdoor application. The super warm LED light source with a adjustable focus 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 ot58 brass and features a embossed black ral 9005 finish, processed by means of powder coating; the diffuser is made of extra clear glass. The ingress protection degree is IP66; the total weight is of 0.3 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, ceiling or floor-mounted.

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)	40 %
Source lumens	233 lm
Delivered lumens	94 lm
Consumption	3 W
Luminaire efficacy	31 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

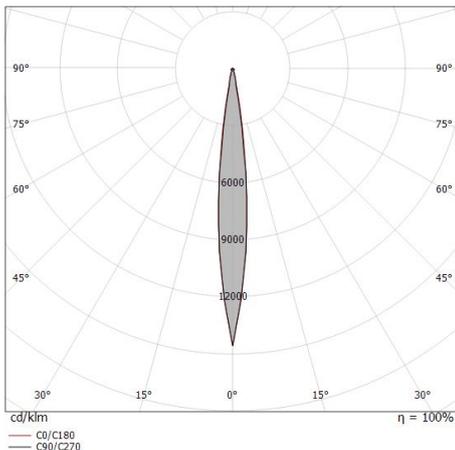
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	20.3
UGR transversal	19.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

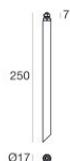
C0/C180 optics	11°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.10 0.10	E(0°) 5432 E(C90) 5.6° 2726 E(C0) 5.7° 2716
1.0	0.20 0.20	E(0°) 1358 E(C90) 5.6° 681 E(C0) 5.7° 679
1.5	0.29 0.30	E(0°) 604 E(C90) 5.6° 303 E(C0) 5.7° 302
2.0	0.39 0.40	E(0°) 339 E(C90) 5.6° 170 E(C0) 5.7° 170
2.5	0.49 0.50	E(0°) 217 E(C90) 5.6° 109 E(C0) 5.7° 109
3.0	0.59 0.60	E(0°) 151 E(C90) 5.6° 76 E(C0) 5.7° 75

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

— C0/C180 (Half-peak divergence: 11.4°)  
— C90/C270 (Half-peak divergence: 11.2°)



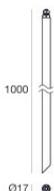
Pegs - L. 250mm  
installation position: land,Cover material: aisi 304 steel

**Code**  
84890



Pegs - L. 700mm  
installation position: land,Cover material: aisi 304 steel

**Code**  
98112



Pegs - L. 1000mm  
installation position: land,Cover material: aisi 304 steel

**Code**  
C-F500001



Anti-glare  
Anti-glare Type: snoot.  
Material:Aluminium 6026, colour:Embossed black RAL 9005, processing:Open pore anodizing + Powder Coating.

**Code**  
98513