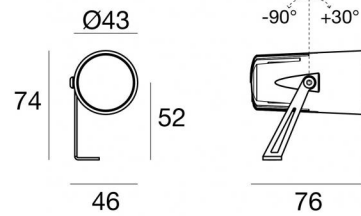


Shaker



Projectors | 176-264 V AC /230-280 V DC
1 x powerLED 2 W DC - 3 W AC | CRI 80
84241M15



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	frontal
Nominal power	2 W DC
Total Power	3 W
Source lumens	233 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP66
IK	IK10
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)	120 °
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	0.12 Kg
Electrostatic discharge protection	Yes
Surge protection	0.5 KV
Product technological characteristics	Acquastop

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

Finishing bracket

Material	AISI 304 steel
Colour	White
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 J₁ and can therefore be powered by centralized power systems.

Projectors | 176-264 V AC /230-280 V DC | 1 x powerLED 2 W DC - 3 W AC | CRI 80 | Base
84241M15

Single emission projectors for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 233 lm, with a 116.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP66; the total weight is of 0.12 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)	90 %
Source lumens	233 lm
Delivered lumens	211 lm
Consumption	3 W
Luminaire efficacy	70 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

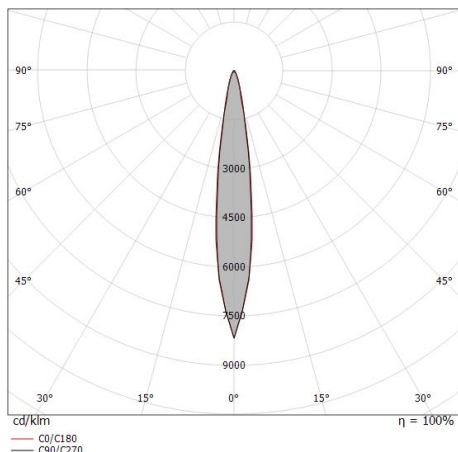
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	20.2
UGR transversal	20
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	15°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.15	6899	3393	3365
1.0	0.26	1725	848	841
1.5	0.39	767	377	374
2.0	0.52	431	212	210
2.5	0.65	276	136	135
3.0	0.78	192	94	93

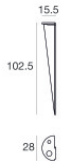
Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 15.2°)
 — C90/C270 (Half-peak divergence: 14.8°)



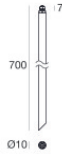
Picket - L. 160mm
installation position: land,Cover material: aisi 304 steel

Code
98624



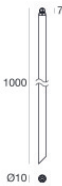
Picket - L. 102.5mm
installation position: land,Cover material: aisi 304 steel

Code
98669



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

Code
C-F500002



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

Code
C-F500003



Anti-glare
Anti-glare Type: 45° cylindrical screen.
Material:Aluminium 6026, colour:Black, processing:Open pore anodizing + Powder Coating.

Code
83246