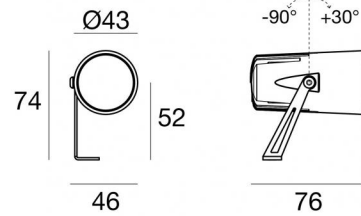


# Shaker



Projectors | 176-264 V AC /230-280 V DC  
1 x powerLED 2 W DC - 3 W AC | CRI 80  
**84244M60**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Wide Flood
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	Dark brown
Processing	Open pore anodizing + Powder Coating

### Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

### Finishing bracket

Material	AISI 304 steel
Colour	Dark brown
Processing	Powder coating

Projectors | 176-264 V AC /230-280 V DC | 1 x powerLED 2 W DC - 3 W AC | CRI 80 | Base  
**84244M60**

Single emission projectors for outdoor application. The super warm white LED light source with a wide flood 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 dark brown 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)	76 %
Source lumens	233 lm
Delivered lumens	179 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
<b>Standard Operating Ambient Temperature</b> -20 / +50°C	
<b>Ordinary temperature on the glass</b> 50°C	

### LED Life / Failure Ratio

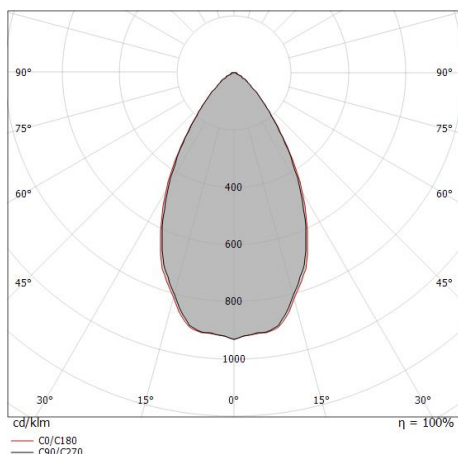
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	24.2
UGR transversal	24.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	59°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.57 0.58	E(0°) 665 E(C90) 220 E(C0) 216
1.0	1.13 1.16	E(0°) 166 E(C90) 55 E(C0) 54
1.5	1.70 1.75	E(0°) 74 E(C90) 24 E(C0) 24
2.0	2.26 2.33	E(0°) 42 E(C90) 14 E(C0) 13
2.5	2.83 2.91	E(0°) 27 E(C90) 9 E(C0) 9
3.0	3.39 3.49	E(0°) 18 E(C90) 6 E(C0) 6

— C0/C180 (Half-peak divergence: 60.4°)  
 — C90/C270 (Half-peak divergence: 59.0°)

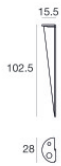


Shaker | Projectors | Accessories  
**84244M60**



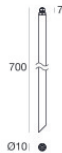
Picket - L. 160mm  
 installation position: land,Cover material: aisi 304 steel

**Code**  
98624



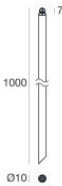
Picket - L. 102.5mm  
 installation position: land,Cover material: aisi 304 steel

**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