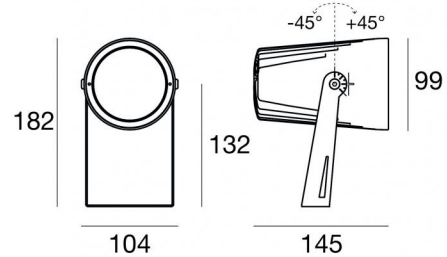


# Shaker



Projectors | 198-264 V  
1 arrayLED 15 W DC - 17 W AC | CRI 80  
**84529M15**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	frontal
Nominal power	15 W DC
Total Power	17 W
Source lumens	2304 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
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)	90 °
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	1.7 Kg
Electrostatic discharge protection	Yes
Surge protection	4 KV
Product technological characteristics	Acquastop

### Finishing casing

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

### Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

### Finishing bracket

Material	AISI 304 steel
Colour	Grey
Processing	Powder coating

## Projectors | 198-264 V | 1 arrayLED 15 W DC - 17 W AC | CRI 80 | Base 84529M15

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	53 %
Source lumens	2304 lm
Delivered lumens	1244 lm
Consumption	17 W
Luminaire efficacy	73 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 40°C

### LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	14.9
UGR transversal	14.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics 13°

Light distribution simmetry Symmetrical

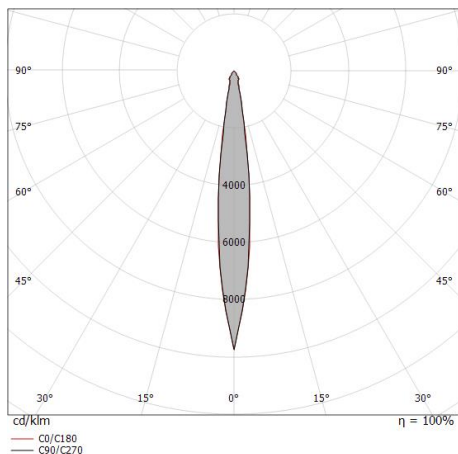
Single emission projectors for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 2304 lm, with a 153.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey 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 1.7 kg.

The total absorbed power is 17 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be wall lights, ceiling or floor-mounted.

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.11 0.11	E(0°) 48506 E(C90) 6.4° 24109 E(C0) 6.5° 23944
1.0	0.22 0.23	E(0°) 12126 E(C90) 6.4° 6027 E(C0) 6.5° 5986
1.5	0.34 0.34	E(0°) 5390 E(C90) 6.4° 2679 E(C0) 6.5° 2660
2.0	0.45 0.46	E(0°) 3032 E(C90) 6.4° 1507 E(C0) 6.5° 1497
2.5	0.56 0.57	E(0°) 1940 E(C90) 6.4° 964 E(C0) 6.5° 958
3.0	0.67 0.68	E(0°) 1347 E(C90) 6.4° 670 E(C0) 6.5° 665

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

— C0/C180 (Half-peak divergence: 13.0°)  
— C90/C270 (Half-peak divergence: 12.8°)



Picket  
installation position: land,Cover material: pc

**Code**  
89371



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

**Code**  
99819