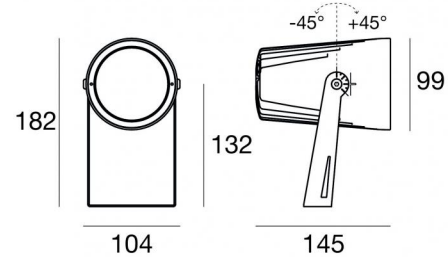


# Shaker



Projectors | 198-264 V  
1 arrayLED 15 W DC - 17 W AC | CRI 80  
**84527N15**



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	2463 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 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	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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Projectors | 198-264 V | 1 arrayLED 15 W DC - 17 W AC | CRI 80 | Base  
84527N15

Single emission projectors for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2463 lm, with a 164.2 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 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.

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	53 %
Source lumens	2463 lm
Delivered lumens	1330 lm
Consumption	17 W
Luminaire efficacy	78 lm/W
Colour temperature	4000 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

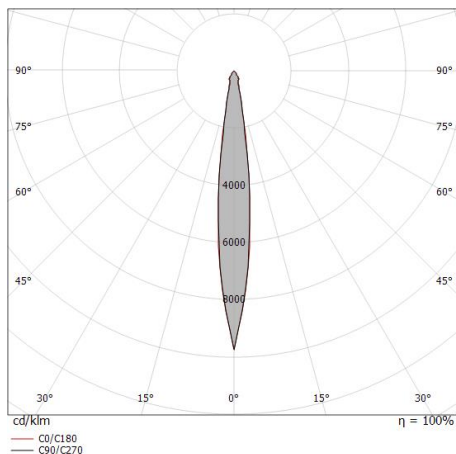
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	15.1
UGR transversal	15.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	13°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.11 0.11	E(0°) 51858 E(C90) 6.4° 25775 E(C0) 6.5° 25599
1.0	0.22 0.23	E(0°) 12964 E(C90) 6.4° 6444 E(C0) 6.5° 6400
1.5	0.34 0.34	E(0°) 5762 E(C90) 6.4° 2864 E(C0) 6.5° 2844
2.0	0.45 0.46	E(0°) 3241 E(C90) 6.4° 1611 E(C0) 6.5° 1600
2.5	0.56 0.57	E(0°) 2074 E(C90) 6.4° 1031 E(C0) 6.5° 1024
3.0	0.67 0.68	E(0°) 1440 E(C90) 6.4° 716 E(C0) 6.5° 711

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