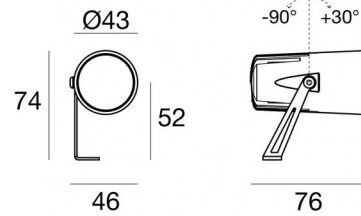


# Shaker



Projectors | 176-264 V AC /230-280 V DC  
1 x powerLED 2 W DC - 3 W AC | CRI 80  
**84242N30**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Medium Flood
Light emission direction	frontal
Nominal power	2 W DC
Total Power	3 W
Source lumens	266 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 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	Black
Processing	Open pore anodizing + Powder Coating

## Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

## Finishing bracket

Material	AISI 304 steel
Colour	Black
Processing	Powder coating

Projectors | 176-264 V AC /230-280 V DC | 1 x powerLED 2 W DC - 3 W AC | CRI 80 | Base  
84242N30

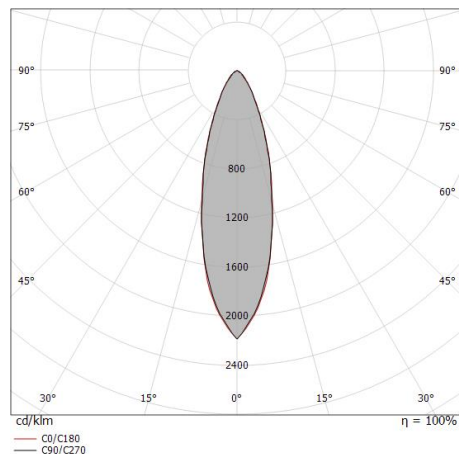
Single emission projectors for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 266 lm, with a 133.0 lm/W nominal luminous efficacy.

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.27 0.27	E(0°) 1762 E(C90) 799 E(C0) 796
1.0	0.54 0.54	E(0°) 441 E(C90) 200 E(C0) 199
1.5	0.80 0.81	E(0°) 196 E(C90) 89 E(C0) 88
2.0	1.07 1.08	E(0°) 110 E(C90) 50 E(C0) 50
2.5	1.34 1.35	E(0°) 70 E(C90) 32 E(C0) 32
3.0	1.61 1.62	E(0°) 49 E(C90) 22 E(C0) 22

— C0/C180 (Half-peak divergence: 30.2°)  
— C90/C270 (Half-peak divergence: 30.0°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	75 %
Source lumens	266 lm
Delivered lumens	202 lm
Consumption	3 W
Luminaire efficacy	67 lm/W
Colour temperature	4000 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	23.5
UGR transversal	23.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

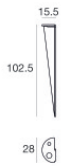
### OPTICAL

C0/C180 optics	30°
Light distribution simmetry	Symmetrical



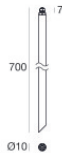
Picket - L. 160mm  
installation position: land,Cover material: aisi 304 steel

**Code**  
98624



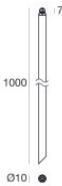
Picket - L. 102.5mm  
installation position: land,Cover material: aisi 304 steel

**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