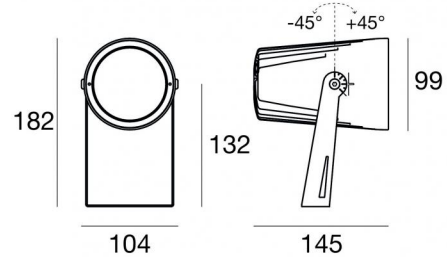


Shaker



Projectors | 198-264 V
1 arrayLED 15 W DC - 17 W AC | CRI 80
84528M60



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
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	IK07
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	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 | 198-264 V | 1 arrayLED 15 W DC - 17 W AC | CRI 80 | Base 84528M60

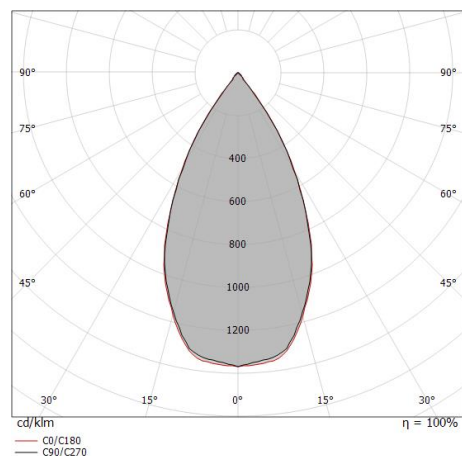
Single emission projectors for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 2304 lm, with a 153.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a 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 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	0.50 0.50	E(0°) 6970 E(C90) 2503 E(C0) 2495
1.0	1.00 1.01	E(0°) 1743 E(C90) 626 E(C0) 624
1.5	1.50 1.51	E(0°) 774 E(C90) 278 E(C0) 277
2.0	2.00 2.01	E(0°) 436 E(C90) 156 E(C0) 156
2.5	2.50 2.51	E(0°) 279 E(C90) 100 E(C0) 100
3.0	3.00 3.02	E(0°) 194 E(C90) 70 E(C0) 69

— C0/C180 (Half-peak divergence: 53.4°)
— C90/C270 (Half-peak divergence: 53.2°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	55 %
Source lumens	2304 lm
Delivered lumens	1274 lm
Consumption	17 W
Luminaire efficacy	74 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	17.6
UGR transversal	17.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	53°
Light distribution simmetry	Symmetrical



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