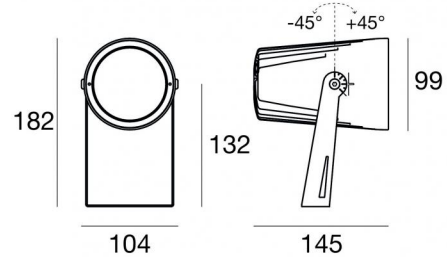


Shaker



Projectors | 198-264 V
1 arrayLED 15 W DC - 17 W AC | CRI 80
84528N30



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
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	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 84528N30

Single emission projectors for outdoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayled 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 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.

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	54 %
Source lumens	2463 lm
Delivered lumens	1350 lm
Consumption	17 W
Luminaire efficacy	79 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

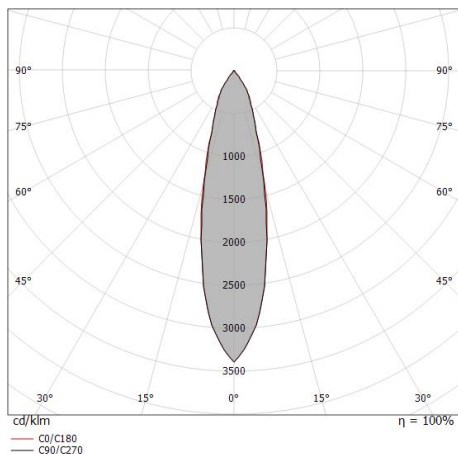
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	15.7
UGR transversal	15.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	25°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.23	E(0°) 18323 E(C90) 8506 E(C0) 8480
1.0	0.45	E(0°) 4581 E(C90) 2126 E(C0) 2120
1.5	0.68	E(0°) 2036 E(C90) 945 E(C0) 942
2.0	0.90	E(0°) 1145 E(C90) 532 E(C0) 530
2.5	1.13	E(0°) 733 E(C90) 340 E(C0) 339
3.0	1.35	E(0°) 509 E(C90) 236 E(C0) 236

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

— C0/C180 (Half-peak divergence: 26.0°)
— C90/C270 (Half-peak divergence: 25.4°)



Shaker | Projectors | Accessories
84528N30



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