

Shaker



Projectors | 198-264 V
1 arrayLED 15 W DC - 17 W AC | CRI 80
84528M15



| 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 | 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 |

Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Projectors | 198-264 V | 1 arrayLED 15 W DC - 17 W AC | CRI 80 | Base 84528M15

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 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 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

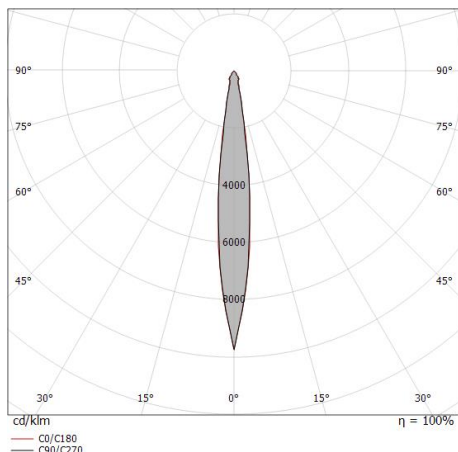
L70 B10 C0 252000h (at Tj 65 Ta 25)

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 |



| 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 |

— 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