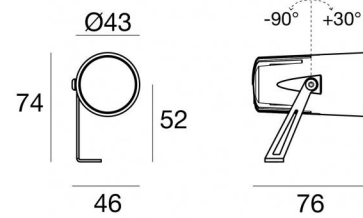


Shaker



Projectors | 176-264 V AC /230-280 V DC
1 x powerLED 2 W DC - 3 W AC | CRI 80
84241W15



| Technical data | |
|--|----------------------------------|
| Type | Surface |
| Installation position | Wall lights - Ceiling - Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Spot |
| Light emission direction | frontal |
| Nominal power | 2 W DC |
| Total Power | 3 W |
| Source lumens | 249 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 176 - 264 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 3000 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 | 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 |

Projectors | 176-264 V AC /230-280 V DC | 1 x powerLED 2 W DC - 3 W AC | CRI 80 | Base
84241W15

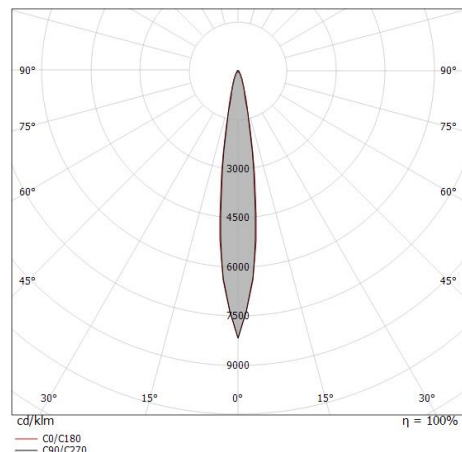
Single emission projectors for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 powerLED LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 249 lm, with a 124.5 lm/W nominal luminous efficacy.

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 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 | 0.18 0.15 | E(0°) 7373 E(C90) 3627 E(C0) 3596 |
| 1.0 | 0.26 0.27 | E(0°) 1843 E(C90) 907 E(C0) 899 |
| 1.5 | 0.39 0.40 | E(0°) 819 E(C90) 403 E(C0) 400 |
| 2.0 | 0.52 0.53 | E(0°) 461 E(C90) 227 E(C0) 225 |
| 2.5 | 0.65 0.67 | E(0°) 295 E(C90) 145 E(C0) 144 |
| 3.0 | 0.78 0.80 | E(0°) 205 E(C90) 101 E(C0) 100 |

— C0/C180 (Half-peak divergence: 15.2°)
 — C90/C270 (Half-peak divergence: 14.8°)

Energy efficiency class

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

Illuminotechnical Features

| | |
|--|-------------|
| Light Output Ratio (LOR) | 90 % |
| Source lumens | 249 lm |
| Delivered lumens | 226 lm |
| Consumption | 3 W |
| Luminaire efficacy | 75 lm/W |
| Colour temperature | 3000 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 | 20.5 |
| UGR transversal | 20.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 15° |
| Light distribution simmetry | Symmetrical |

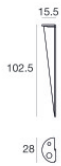


Shaker | Projectors | Accessories
84241W15



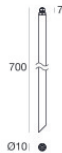
Picket - L. 160mm
installation position: land,Cover material: aisi 304 steel

Code
98624



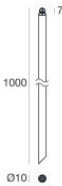
Picket - L. 102.5mm
installation position: land,Cover material: aisi 304 steel

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