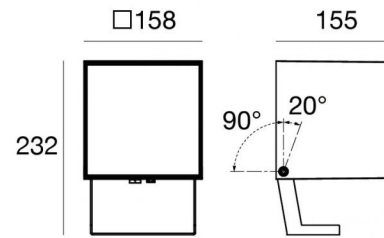


Periskop160



Projectors | 198-264 V AC /220-240 V DC
1 arrayLED 44 W DC - 48 W AC | CRI 80
C00859BBMML



| Technical data | |
|--|----------------------------------|
| Type | Surface |
| Installation position | Wall lights - Ceiling - Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Medium Flood |
| Light emission direction | frontal |
| Nominal power | 44 W DC |
| Total Power | 48 W |
| Source lumens | 7328 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 | 2 |
| IP | IP66 |
| IK | IK08 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | Driver |
| Dimmable article | DALI-2 - PUSH DIM |
| Directional | Swivelling |
| total angle (vertical plane) | 110 ° |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | Yes |
| Cable length | 1 m |
| Resin potting | No |
| Type of light emission | Single emission |
| Net weight | 3.7 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | 2 KV |
| Product technological characteristics | TCS |

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 |
| Processing | Silk-screening |

Finishing bracket

| | |
|------------|----------------|
| Material | AISI 304 steel |
| Colour | Black |
| Processing | Powder coating |



Projectors | 198-264 V AC /220-240 V DC | 1 arrayLED 44 W DC - 48 W AC | CRI 80 | Base
C00859BBMML

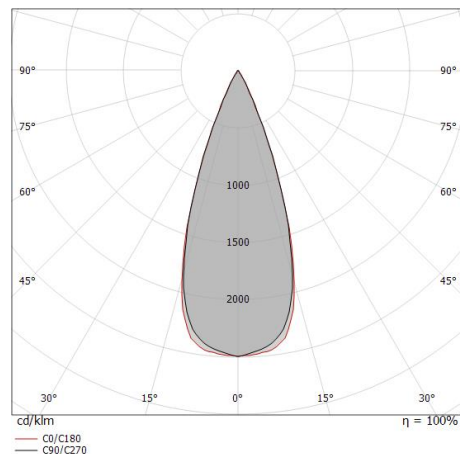
Single emission projectors for outdoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 7328 lm, with a 166.5 lm/W nominal luminous efficacy.

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 with a silk-screening treatment. The ingress protection degree is IP66; the total weight is of 3.7 kg.

The total absorbed power is 48 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 | 0.34 0.35 | E(0°) 51477 E(C90) 19.0° 21933 E(C0) 19.1° 21832 |
| 1.0 | 0.69 0.69 | E(0°) 12869 E(C90) 19.0° 5483 E(C0) 19.1° 5458 |
| 1.5 | 1.03 1.04 | E(0°) 5720 E(C90) 19.0° 2437 E(C0) 19.1° 2426 |
| 2.0 | 1.38 1.38 | E(0°) 3217 E(C90) 19.0° 1371 E(C0) 19.1° 1365 |
| 2.5 | 1.72 1.73 | E(0°) 2059 E(C90) 19.0° 877 E(C0) 19.1° 873 |
| 3.0 | 2.07 2.08 | E(0°) 1430 E(C90) 19.0° 609 E(C0) 19.1° 606 |

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

— C0/C180 (Half-peak divergence: 38.2°)
 — C90/C270 (Half-peak divergence: 38.0°)

Energy efficiency class

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

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 70 % |
| Source lumens | 7328 lm |
| Delivered lumens | 5156 lm |
| Consumption | 48 W |
| Luminaire efficacy | 107 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 112960h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 9.5 |
| UGR transversal | 9.7 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

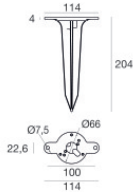
OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 38° |
| Light distribution simmetry | Symmetrical |

Periskop160



Periskop160 | Projectors | Accessories
C00859BBMML



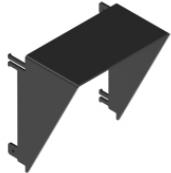
Picket
installation position: land,Cover material: pc

Code
98549



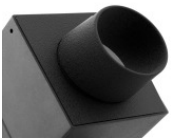
Bag / Fixing kit - Belt for installation on tree

Code
99802



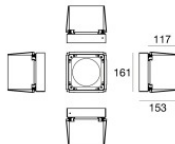
Anti-glare
Anti-glare Type: eyelid.
Material:AISI 304 steel, colour:Black, processing:Powder coating.

Code
C-U300025



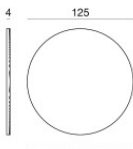
Anti-glare
Anti-glare Type: snoot.
Material:Aluminium 6060, colour:Black, processing:Open pore anodizing + Powder Coating.

Code
C-U300028



Anti-glare
Anti-glare Type: directional blades.
Material:Iron, colour:Black, processing:Powder coating.

Code
C-U300032



Diffuser - Diffuser to be mounted in combination with the C-U300032 accessory
Diffuser Type: elliptical filter

Code
C-U300033