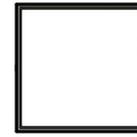
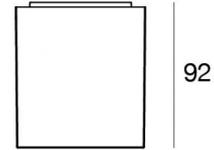




Ceiling Downlights | 198-264 V
1 arrayLED 7 W DC - 8.5 W AC | CRI 80
C00726BBWML



□82

| Technical data | |
|--|-----------------|
| Type | Surface |
| Installation position | Ceiling |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Medium Flood |
| Light emission direction | downward |
| Nominal power | 7 W DC |
| Total Power | 8.5 W |
| Source lumens | 1087 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 3000 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | AC |
| Safety class | 1 |
| IP | IP65 |
| IK | IK07 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | Driver |
| Dimmable article | No |
| Directional | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | No |
| Resin potting | No |
| Type of light emission | Single emission |
| Net weight | 0.655 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | 1 KV |

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 |



Ceiling Downlights | 198-264 V | 1 arrayLED 7 W DC - 8.5 W AC | CRI 80 | Base
C00726BBWML

Single emission ceiling downlights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1087 lm, with a 155.3 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 IP65; the total weight is of 0.655 kg.

The total absorbed power is 8.5 W.

The device features protection class I and can be ceiling-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) | 75 % |
| Source lumens | 1087 lm |
| Delivered lumens | 823 lm |
| Consumption | 8.5 W |
| Luminaire efficacy | 96 lm/W |
| Colour temperature | 3000 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

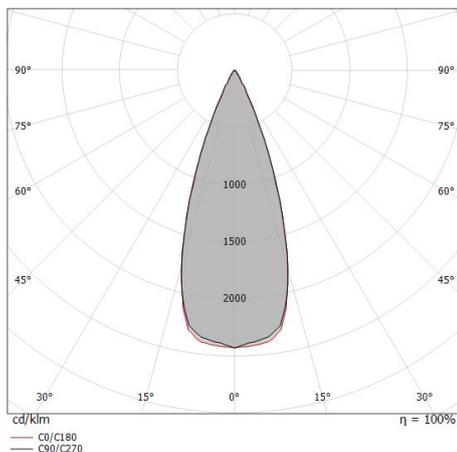
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 11.7 |
| UGR transversal | 11.7 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

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



| Distance [m] | Cone diameter [m] | Beam diameter [m] | E(0°) [lx] | E(C90) [lx] | E(C0) [lx] |
|--------------|-------------------|-------------------|------------|-------------|------------|
| 0.5 | 0.34 | 0.34 | 8007 | 3426 | 3417 |
| 1.0 | 0.68 | 0.68 | 2002 | 856 | 854 |
| 1.5 | 1.02 | 1.02 | 890 | 361 | 360 |
| 2.0 | 1.37 | 1.36 | 500 | 214 | 214 |
| 2.5 | 1.71 | 1.70 | 320 | 137 | 137 |
| 3.0 | 2.05 | 2.04 | 222 | 95 | 95 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 37.6°)
 — C90/C270 (Half-peak divergence: 37.8°)