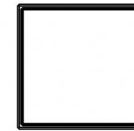
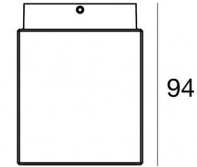




Ceiling Lights | 198-264 V
1 arrayLED 6.5 W DC - 7.5 W AC | CRI 80
80618W30



□73

| Technical data | |
|--|---------------------------|
| Type | Surface |
| Installation position | Ceiling |
| Installation environment | Outdoor |
| Light Source | LED |
| Optics | Medium Flood |
| Light emission direction | downward |
| Nominal power | 6.5 W DC |
| Total Power | 7.5 W |
| Source lumens | 770 lm |
| Voltage | 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 | 0.675 Kg |
| Electrostatic discharge protection | 4 KV |
| Surge protection | 4 KV |
| Optics technology | Set-back low glare optics |
| Product technological characteristics | TCS |

| Finishing casing | |
|--------------------|--------------------------------------|
| Material | Die-cast Aluminium EN AB - 46100 |
| Colour | Embossed white RAL 9003 |
| Processing | Open pore anodizing + Powder Coating |
| Finishing diffuser | |
| Material | Extra clear glass - Tempered |
| Colour | transparent |
| Processing | Silk-screening |



Ceiling Lights | 198-264 V | 1 arrayLED 6.5 W DC - 7.5 W AC | CRI 80 | Base 80618W30

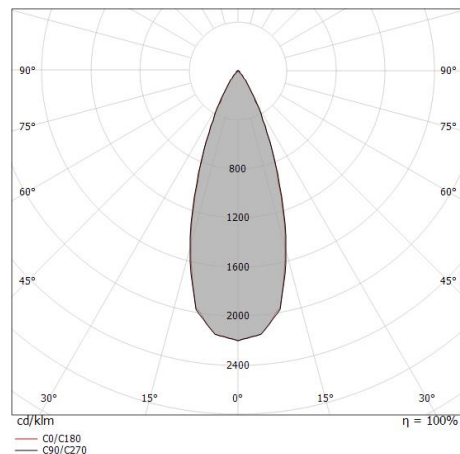
Single emission ceiling lights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 770 lm, with a 128.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a embossed white ral 9003 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 0.675 kg.

The total absorbed power is 7.5 W.

The device features protection class I and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---|
| 0.5 | 0.34 0.34 | E(0°) 5262 E(C90) 18.8° 2247 E(C0) 18.7° 2250 |
| 1.0 | 0.68 0.68 | E(0°) 1316 E(C90) 18.8° 562 E(C0) 18.7° 562 |
| 1.5 | 1.02 1.02 | E(0°) 585 E(C90) 18.8° 250 E(C0) 18.7° 250 |
| 2.0 | 1.36 1.35 | E(0°) 329 E(C90) 18.8° 140 E(C0) 18.7° 141 |
| 2.5 | 1.70 1.69 | E(0°) 210 E(C90) 18.8° 90 E(C0) 18.7° 90 |
| 3.0 | 2.04 2.03 | E(0°) 146 E(C90) 18.8° 62 E(C0) 18.7° 62 |

— C0/C180 (Half-peak divergence: 37.4°)
— C90/C270 (Half-peak divergence: 37.6°)

Energy efficiency class

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

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 77 % |
| Source lumens | 770 lm |
| Delivered lumens | 598 lm |
| Consumption | 7.5 W |
| Luminaire efficacy | 79 lm/W |
| Colour temperature | 3000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Colour rendering index | 80 Ra |
| Gamut Area Index | 55 GAI |
| Colour Rendering Index | 10 R9 |
| IES TM-30 Rf | 83 |
| IES TM-30 Rg | 96 |
| Black Body Locus | On |
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 40°C |

LED Life / Failure Ratio

L70 B10 C0 296940h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 14.4 |
| UGR transversal | 14.5 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 37° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC

