



| CRI 80  
93854M00

Single emission recessed downlights for indoor application. The super warm white LED light source with a diffused light distribution is composed of 384 topped LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 9792 lm, with a 150.6 lm/W nominal luminous efficacy.

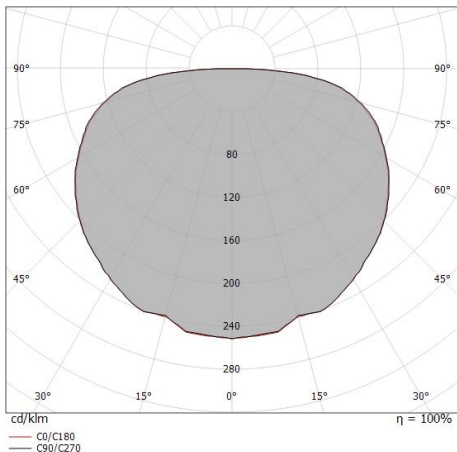
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 3.4 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 65 W The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 580 mm diameter hole (in plasterboard).

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



|     |                |                          |                |                  |
|-----|----------------|--------------------------|----------------|------------------|
| 0.5 | 3.66<br>3.56   | E(0°)<br>E(C90)<br>E(C0) | 74.7°<br>74.3° | 6814<br>63<br>68 |
| 1.0 | 7.31<br>7.12   | E(0°)<br>E(C90)<br>E(C0) | 74.7°<br>74.3° | 1703<br>16<br>17 |
| 1.5 | 10.97<br>10.67 | E(0°)<br>E(C90)<br>E(C0) | 74.7°<br>74.3° | 757<br>7<br>8    |
| 2.0 | 14.62<br>14.23 | E(0°)<br>E(C90)<br>E(C0) | 74.7°<br>74.3° | 426<br>4<br>4    |
| 2.5 | 18.28<br>17.79 | E(0°)<br>E(C90)<br>E(C0) | 74.7°<br>74.3° | 273<br>3<br>3    |
| 3.0 | 21.93<br>21.35 | E(0°)<br>E(C90)<br>E(C0) | 74.7°<br>74.3° | 189<br>2<br>2    |

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

— C0/C180 (Half-peak divergence: 148.6°)  
— C90/C270 (Half-peak divergence: 149.4°)

Energieeffizienzklasse

Dieses Produkt enthält 8 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 69 %           |
| Lichtstrom (Lichtquelle)              | 9792 lm        |
| Leuchten Lichtstrom                   | 6778 lm        |
| Consumption                           | 65 W           |
| Leuchten Lichtausbeute                | 104 lm/W       |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |

LED Life / Failure Ratio

L70 B10 C0 494435h (at Tj 65 Ta 25 )

L80 B10 C0 310287h (at Tj 65 Ta 25 )

L90 B10 C0 147586h (at Tj 65 Ta 25 )

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 28.5     |
| UGR transversal   | 28.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 149°        |
| Light distribution simmetry | Symmetrical |

Rada\_R | Downlights | Accessories  
93854M00



Kabel und Stecker  
Länge 300 mm; isolierung doppio; querschnitt 0,75 mm²; kabelklemme: nein; außendurchmesser:  
5.5 mm; farben: schwarz - rot.

Code  
98436