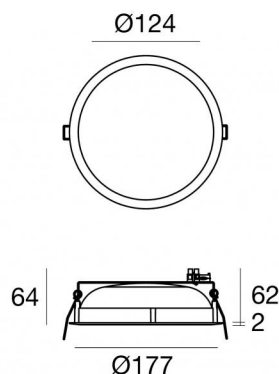


Downlights | 96 topLED 12 W DC 350 mA | CRI 80
91996W00



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Diffuses
Lampe Nennleistung	12 W DC
Lichtstrom (Lichtquelle)	1680 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP40
IK	IK05
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehrbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.30 m
Harzbeschichtung	Nein
Einbautiefe	62 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.4 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Elektronik



99115
1-10V - N/O button Multi Power 198-264V AC / V DC (1 art.)



99126
On/Off Driver 198-264V AC (1 art.)



99344
DALI - Push and Simply Dim Multi Power 198-264V AC / 176-275V DC (1 art.)



83231
DALI-2 Multi Power 198-264V AC / 176-280V DC (1 art.)

Downlights | 96 topLED 12 W DC 350 mA | CRI 80
91996W00

Single emission recessed downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 96 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1680 lm, with a 140.0 lm/W nominal luminous efficacy.

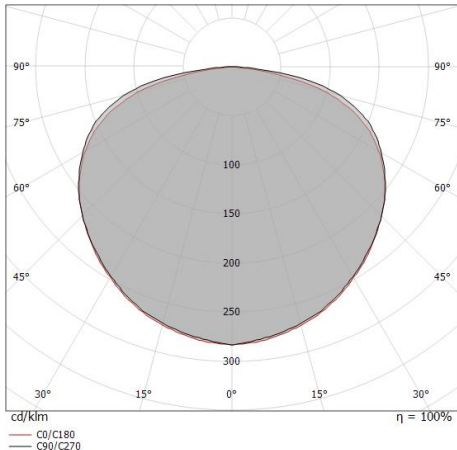
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 0.4 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12 W The power supply cable is included and features a 0.30 m length.

The device features protection class III and can be ceiling-mounted, with a 169 mm diameter hole (in plasterboard).

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



0.5	2.75 2.45	E(0°) E(C90) E(C0)	70.0° 67.8°	1128 23 31
1.0	5.49 4.90	E(0°) E(C90) E(C0)	70.0° 67.8°	282 6 8
1.5	8.24 7.35	E(0°) E(C90) E(C0)	70.0° 67.8°	125 3 3
2.0	10.99 9.80	E(0°) E(C90) E(C0)	70.0° 67.8°	71 1 2
2.5	13.74 12.25	E(0°) E(C90) E(C0)	70.0° 67.8°	45 1 1
3.0	16.48 14.70	E(0°) E(C90) E(C0)	70.0° 67.8°	31 1 1

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

— C0/C180 (Half-peak divergence: 135.6°)
— C90/C270 (Half-peak divergence: 140.0°)

Energieeffizienzklasse

Dieses Produkt enthält 4 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	59 %
Lichtstrom (Lichtquelle)	1680 lm
Leuchten Lichtstrom	996 lm
Consumption	12 W
Leuchten Lichtausbeute	83 lm/W
Farbtemperatur	3000 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 147856h (at Tj 65 Ta 25)

UGR

UGR axial	28.9
UGR transversal	28.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C90/C270	140°
Optik C0/C180	136°
Light distribution simmetry	Symmetrical 2 assis

Rada_R | Downlights | Accessories
91996W00



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

Code
98436