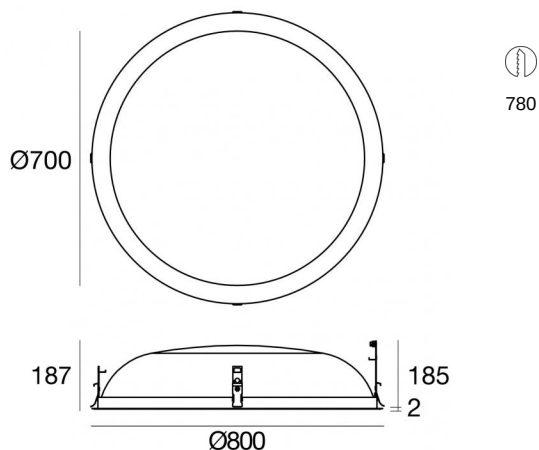


Downlights | 480 topLED 82 W DC 2200 mA | CRI 80
93862N00



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Diffuses
Light emission direction	downward
Lampe Nennleistung	82 W DC
Lichtstrom (Lichtquelle)	13392 lm
Eingangsspannungsbereich	2200mA
Ähnlichste Farbtemperatur / Tone	4000 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
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.300 m
Harzbeschichtung	Nein
Einbautiefe	185 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	5 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Elektronik



99718
On/Off Driver 198~264V AC / V DC (1 art.)



99728
1-10V Controller (1 art.)



99729
DALI Controller 220~240V AC (1 art.)

Cables Electrification

IP (locked condition)	IP66
Cable connector	Male Easy plug

Downlights | 480 topLED 82 W DC 2200 mA | CRI 80
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Single emission recessed downlights for indoor application. The natural white LED light source with a diffused light distribution is composed of 480 topLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 13392 lm, with a 163.3 lm/W nominal luminous efficacy.

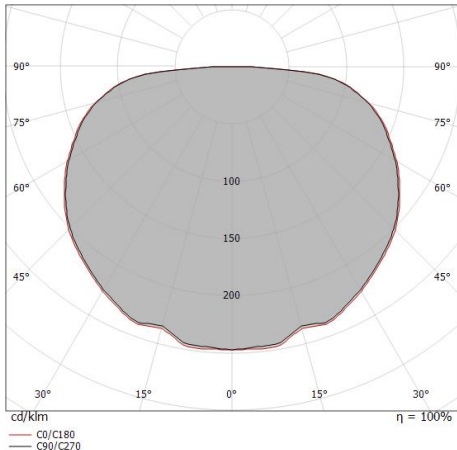
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 5 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 82 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 780 mm diameter hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°) E(C90) E(C0)	8990 81 75
0.5	3.68 3.78		74.8° 75.2°	
1.0	7.36 7.57		74.8° 75.2°	2248 20 19
1.5	11.04 11.35		74.8° 75.2°	999 9 8
2.0	14.72 15.14		74.8° 75.2°	562 5 5
2.5	18.40 18.92		74.8° 75.2°	360 3 3
3.0	22.08 22.71		74.8° 75.2°	250 2 2

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

— C0/C180 (Half-peak divergence: 150.4°)
— C90/C270 (Half-peak divergence: 149.6°)

Energieeffizienzklasse

Dieses Produkt enthält 8 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	67 %
Lichtstrom (Lichtquelle)	13392 lm
Leuchten Lichtstrom	9083 lm
Consumption	82 W
Leuchten Lichtausbeute	110 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 145600h (at Tj 65 Ta 25)

L80 B10 C0 92440h (at Tj 65 Ta 25)

L90 B10 C0 45500h (at Tj 65 Ta 25)

UGR

UGR axial	27.2
UGR transversal	27.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	150°
Light distribution simmetry	Symmetrical

Rada_R | Downlights | Accessories
93862N00



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

Code
98436