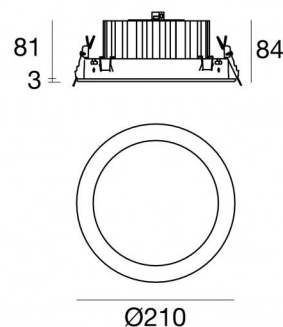


Downlights | topLED 30 W DC 840 mA | CRI 80
97094N00



197

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Diffuses
Lampe Nennleistung	30 W DC
Lichtstrom (Lichtquelle)	3672 lm
Eingangsspannungsbereich	840mA
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP54
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	0.30 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.9 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	PC
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor

Material	PC
Farbe	Opal

Elektronik



99093
On/Off Driver 198-264V AC (1 art.)



83066
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)

Downlights | topLED 30 W DC 840 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 108 topLED LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 3672 lm, with a 122.4 lm/W nominal luminous efficacy.

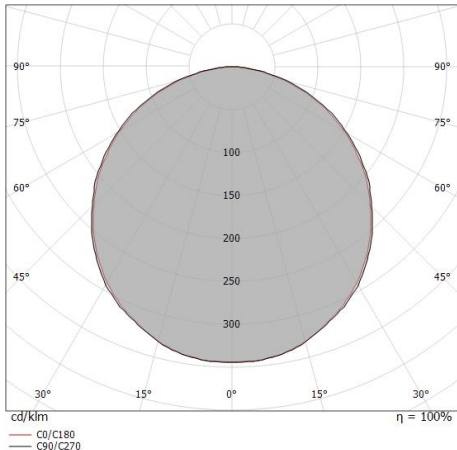
The device body is made of PC, processed by means of coating; the diffuser is made of PC.

The ingress protection degree is IP54; the total weight is of 0.9 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 30 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 197 mm diameter hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.52 1.49	E(0°) 4633 E(C90) 385 E(C0) 402
1.0	3.04 2.98	E(0°) 1158 E(C90) 96 E(C0) 101
1.5	4.57 4.46	E(0°) 515 E(C90) 43 E(C0) 45
2.0	6.09 5.95	E(0°) 290 E(C90) 24 E(C0) 25
2.5	7.61 7.44	E(0°) 185 E(C90) 15 E(C0) 16
3.0	9.13 8.93	E(0°) 129 E(C90) 11 E(C0) 11

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

— C0/C180 (Half-peak divergence: 112.2°)
— C90/C270 (Half-peak divergence: 113.4°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	91 %
Lichtstrom (Lichtquelle)	3672 lm
Leuchten Lichtstrom	3366 lm
Consumption	30 W
Leuchten Lichtausbeute	112 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°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	30.4
UGR transversal	30.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	112°
Light distribution simmetry	Symmetrical