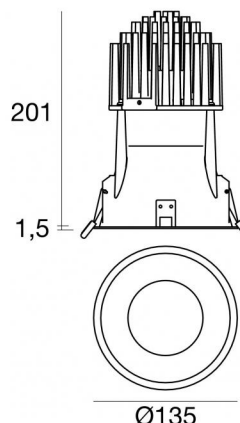




Downlights | 1 arrayLED 25 W DC 700 mA | CRI 92
90790M60



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	60°
Light emission direction	downward
Lampe Nennleistung	25 W DC
Lichtstrom (Lichtquelle)	2598 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	92 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IP optisches System	IP65
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
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.93 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Weiß
Bearbeitungstyp	Pulverbeschichtung

Oberfläche Diffusor

Material	Polycarbonat UV-beständige
Farbe	transparent

Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Bearbeitungstyp	Trommelung

Elektronik



99112
On/Off Driver 198~264V AC (1 art.)



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



C-E100031
DALI - Push and Simply Dim Multi Power 198~264V AC / 180~275V DC (1 art.)

Cables Electrification

Cable connector	Male Easy plug
IP (locked condition)	66



Downlights | 1 arrayLED 25 W DC 700 mA | CRI 92 90790M60

Single emission recessed downlights for indoor application. The super warm white LED light source is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 92; the source luminous flux is 2598 lm, with a 103.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.93 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 25 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 127 mm diameter hole (in plasterboard).

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

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	68 %
Lichtstrom (Lichtquelle)	2598 lm
Leuchten Lichtstrom	1787 lm
Consumption	25 W
Leuchten Lichtausbeute	71 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	92 Ra
Gamut Area Index	51 GAI
Colour Rendering Index	60 R9
IES TM-30 Rf	90
IES TM-30 Rg	99
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

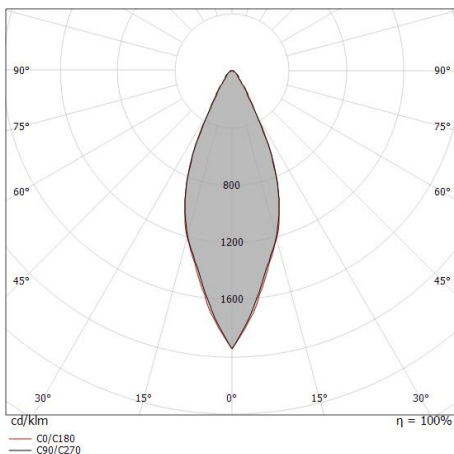
L70 B10 C0 296940h (at Tj 65 Ta 25)

UGR

UGR axial	19.4
UGR transversal	19.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	39°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.36 0.36	E(0°) 13876 E(C90) 19.6° 5828 E(C0) 19.7° 5821
1.0	0.71 0.72	E(0°) 3469 E(C90) 19.6° 1457 E(C0) 19.7° 1455
1.5	1.07 1.07	E(0°) 1542 E(C90) 19.6° 948 E(C0) 19.7° 647
2.0	1.42 1.43	E(0°) 867 E(C90) 19.6° 364 E(C0) 19.7° 364
2.5	1.78 1.79	E(0°) 555 E(C90) 19.6° 233 E(C0) 19.7° 233
3.0	2.14 2.15	E(0°) 385 E(C90) 19.6° 162 E(C0) 19.7° 162

— C0/C180 (Half-peak divergence: 39.4°)
— C90/C270 (Half-peak divergence: 39.2°)

