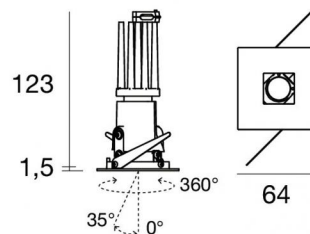




Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90
C00939WHWML



56



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	6 W DC
Lichtstrom (Lichtquelle)	748 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 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	Ja
Gesamtwinkel (horizontale Ebene)	360 °
Gesamtwinkel (vertikale Ebene)	35 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.17 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.128 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Honey comb

Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Schwarz
Bearbeitungstyp	Pulverbeschichtung

Oberfläche flansch

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Weiß
Bearbeitungstyp	Pulverbeschichtung

Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Bearbeitungstyp	Trommelung

Elektronik



99147
On/Off Driver 198~264V AC (2 - 4 art.)



99735
Multi Power 198~264V AC / 180~275V DC (1 art.)



99733
1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)



C-E100012
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016
Push and Simply Dim - DALI-2 Controller (3 - 4 art.)

Cables Electrification

Cable connector	No
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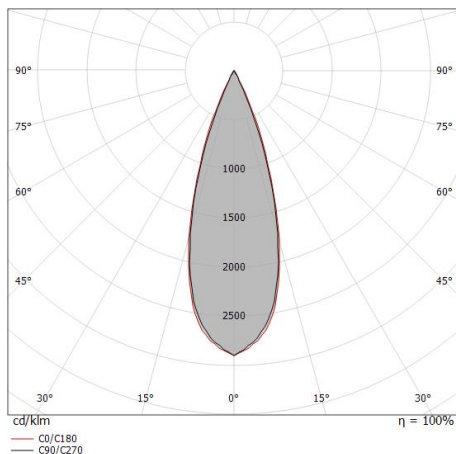
Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 748 lm, with a 124.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP44; the total weight is of 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 W. The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 56 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	0.30 0.31	E(0°) 1927 E(C90) 854 E(C0) 851
1.0	0.60 0.61	E(0°) 482 E(C90) 214 E(C0) 213
1.5	0.89 0.92	E(0°) 214 E(C90) 95 E(C0) 95
2.0	1.19 1.22	E(0°) 120 E(C90) 53 E(C0) 53
2.5	1.49 1.53	E(0°) 77 E(C90) 34 E(C0) 34
3.0	1.79 1.83	E(0°) 54 E(C90) 24 E(C0) 24

— C0/C180 (Half-peak divergence: 34.0°)
— C90/C270 (Half-peak divergence: 33.2°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	22 %
Lichtstrom (Lichtquelle)	748 lm
Leuchten Lichtstrom	166 lm
Consumption	6 W
Leuchten Lichtausbeute	27 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 134020h (at Tj 65 Ta 25)

UGR

UGR axial	5.1
UGR transversal	4.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	33°
Light distribution simmetry	Symmetrical