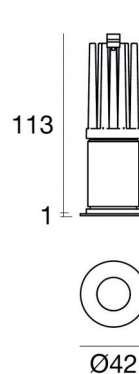




Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90  
C00048WHNSP



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Technische Daten	
Jahr der Verwirklichung	2023
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	6.3 W DC
Lichtstrom (Lichtquelle)	805 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
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	0.1 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.11 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

## Oberfläche Gehäuse

Material	Aluminium 6026
Farbe	Weiß
Bearbeitungstyp	Pulverbeschichtung

## Oberfläche Diffusor

Material	Polycarbonat UV-beständige
Farbe	transparent

## Oberfläche strahler

Material	Stranggepresstes Aluminium
Farbe	Aluminium
Bearbeitungstyp	Trommelung

## Elektronik



99147  
On/Off Driver 198-264V AC (3 - 3 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.)



83323  
Push and Simply Dim - DALI-2 Controller (1 art.)



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



Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90  
**C00048WHNSP**

Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 127.8 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 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 0.11 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6.3 W. The power supply cable is included and features a 0.1 m length.

The device features protection class III and can be ceiling-mounted, with a 35 mm diameter hole (in plasterboard).

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	66 %
Lichtstrom (Lichtquelle)	805 lm
Leuchten Lichtstrom	537 lm
Consumption	6.5 W
Leuchten Lichtausbeute	82 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C

### LED Life / Failure Ratio

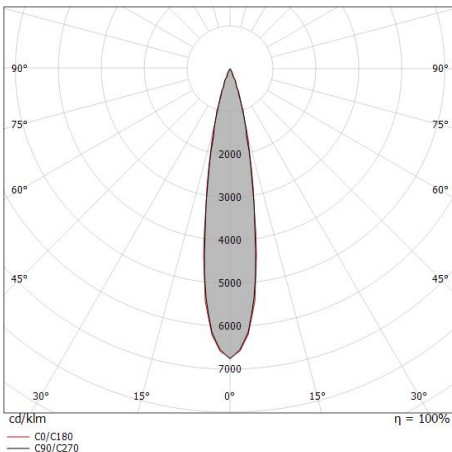
L70 B10 C0 134020h (at Tj 65 Ta 25 )

### UGR

UGR axial	16.3
UGR transversal	16.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	19°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17 0.17	E(0°) 14506 E(C90) 9.6° 6973 E(C0) 9.7° 6993
1.0	0.34 0.34	E(0°) 3627 E(C90) 9.6° 1743 E(C0) 9.7° 1748
1.5	0.51 0.51	E(0°) 1612 E(C90) 9.6° 775 E(C0) 9.7° 777
2.0	0.68 0.68	E(0°) 907 E(C90) 9.6° 436 E(C0) 9.7° 437
2.5	0.85 0.85	E(0°) 580 E(C90) 9.6° 279 E(C0) 9.7° 280
3.0	1.01 1.03	E(0°) 403 E(C90) 9.6° 194 E(C0) 9.7° 194

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 19.4°)  
 — C90/C270 (Half-peak divergence: 19.2°)