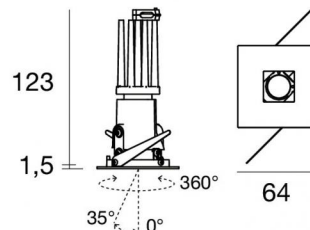


Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90  
**C00938BBNSP**



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## Technische Daten

Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	6 W DC
Lichtstrom (Lichtquelle)	805 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	4000 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

## Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Schwarz
Bearbeitungstyp	Pulverbeschichtung

## Oberfläche flansch

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Schwarz
Bearbeitungstyp	Pulverbeschichtung

## Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Bearbeitungstyp	Trommelung

## Elektronik



99147  
On/Off Driver 198~264V AC (1 - 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 (1 - 4 art.)

## Cables Electrification

Cable connector	No
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## Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90 C00938BBNSP

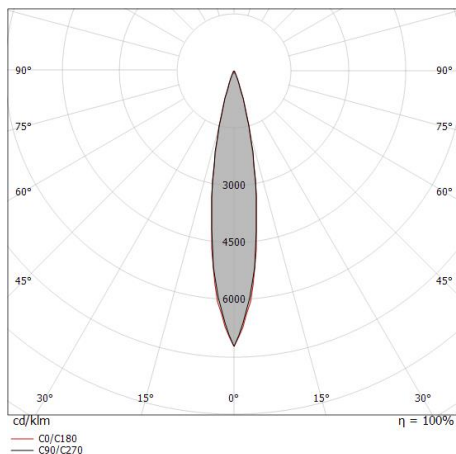
Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 134.2 lm/W nominal luminous efficacy.

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	0.17 0.16	E(0°) 12508 E(C90) 9.4° 6012 E(C0) 9.3° 6023
1.0	0.33 0.33	E(0°) 3127 E(C90) 9.4° 1503 E(C0) 9.3° 1506
1.5	0.50 0.49	E(0°) 1390 E(C90) 9.4° 868 E(C0) 9.3° 869
2.0	0.66 0.66	E(0°) 782 E(C90) 9.4° 376 E(C0) 9.3° 376
2.5	0.83 0.82	E(0°) 500 E(C90) 9.4° 240 E(C0) 9.3° 241
3.0	0.99 0.98	E(0°) 347 E(C90) 9.4° 167 E(C0) 9.3° 167

Distance [m] Cone diameter [m] illuminance [lx]  
 — C0/C180 (Half-peak divergence: 18.6°)  
 — C90/C270 (Half-peak divergence: 18.8°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	53 %
Lichtstrom (Lichtquelle)	805 lm
Leuchten Lichtstrom	433 lm
Consumption	6 W
Leuchten Lichtausbeute	72 lm/W
Farbtemperatur	4000 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	8
UGR transversal	5.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	19°
Light distribution simmetry	Symmetrical