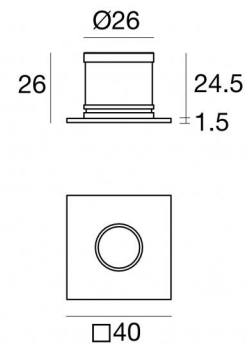




Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90  
**C00275ISMXF**





29


Technische Daten	
Installationsposition	Wand - Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Extra Wide Flood
Light emission direction	downward
Lampe Nennleistung	1 W DC
Lichtstrom (Lichtquelle)	124 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	2700 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	0.12 m
Harzbeschichtung	Ja
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.06 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein


Oberfläche Gehäuse	
Material	Edelstahl 316L
Farbe	Stahl
Bearbeitungstyp	Kugelstrahlen

### Elektronik

 89144  
 On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)

 89145  
 On/Off Driver 198~264V AC / 180~275V DC (1 art.)

 99375  
 On/Off Driver 198~264V AC (1 - 14 art.)

 C-E100010  
 1-10V - 0-10V Controller (1 - 4 art.)

 C-E100011  
 Push and Simply Dim - DALI-2 Controller (1 - 4 art.)



## Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90 C00275ISMXF

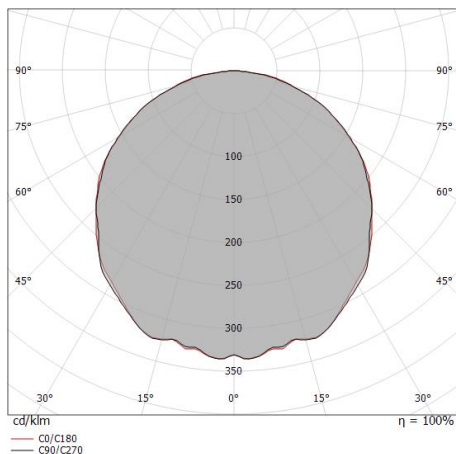
Single emission recessed downlights for indoor application. The super warm white LED light source with a extra wide flood light distribution is composed of 1 powerled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 124 lm, with a 124.0 lm/W nominal luminous efficacy.

The device body is made of stainless steel and features a steel finish, processed by means of shot peening. The ingress protection degree is IP44; the total weight is of 0.06 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 1 W. The power supply cable is included and features a 0.12 m length.

The device features protection class III and can be wall lights or ceiling-mounted, with a 29 mm diameter hole (in plasterboard) with an outer casing, code 84915(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.59 1.58	E(0°) 84 E(C90) 57.8° 6 E(C0) 57.7° 7
1.0	3.18 3.16	E(0°) 21 E(C90) 57.8° 2 E(C0) 57.7° 2
1.5	4.76 4.75	E(0°) 9 E(C90) 57.8° 1 E(C0) 57.7° 1
2.0	6.35 6.33	E(0°) 5 E(C90) 57.8° 0 E(C0) 57.7° 0
2.5	7.94 7.91	E(0°) 3 E(C90) 57.8° 0 E(C0) 57.7° 0
3.0	9.53 9.49	E(0°) 2 E(C90) 57.8° 0 E(C0) 57.7° 0

— C0/C180 (Half-peak divergence: 115.4°)  
— C90/C270 (Half-peak divergence: 115.6°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	51 %
Lichtstrom (Lichtquelle)	124 lm
Leuchten Lichtstrom	64 lm
Consumption	1,0 W
Leuchten Lichtausbeute	64 lm/W
Farbtemperatur	2700 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 B20 C0 214455h (at Tj 60 Ta 25 )

### UGR

UGR axial	32.3
UGR transversal	32.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	115°
Light distribution simmetry	Symmetrical



Einbaugehäuse

installationsposition: decke; typ installation: mauerwerk L=42mm, H=35mm, D=35mm.  
Material:Kunststoff ABS, farbe:Schwarz.

**Code**

84336



Einbaugehäuse

installationsposition: wand; typ installation: mauerwerk L=49mm, H=60mm, D=60mm.  
Material:Kunststoff ABS, farbe:Schwarz.

**Code**

84915