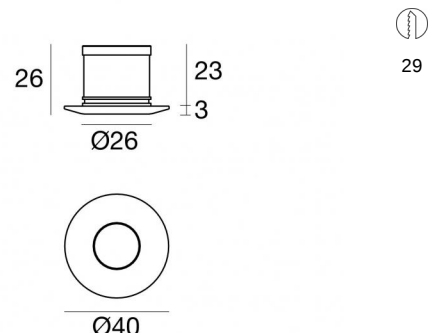


Downlights | 1 x powerLED 1 W DC 350 mA | CRI 80
86881N70



Technische Daten	
Installationsposition	Wand - Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Wide Flood
Lampe Nennleistung	1 W DC
Lichtstrom (Lichtquelle)	155 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	80 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
Begehrbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.12 m
Harzbeschichtung	Ja
Einbautiefe	23 mm
Typ Lichtabstrahlung	Einflamig
Nettogewicht	0.058 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	Edelstahl 316
Farbe	Stahl
Bearbeitungstyp	Kugelstrahlen

Elektronik

 89144
On/Off Driver 198-264V AC / 180-275V DC

 89145
On/Off Driver 198-264V AC / 180-275V DC

 99374
On/Off Driver 198-264V AC / 176-275V DC 75 W

 99708
1-10V - 0-10V Converter V DC

 99711
DALI Converter V DC

 99375
On/Off Driver 198-264V AC

Downlights | 1 x powerLED 1 W DC 350 mA | CRI 80
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Single emission recessed downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 155 lm, with a 155.0 lm/W nominal luminous efficacy.

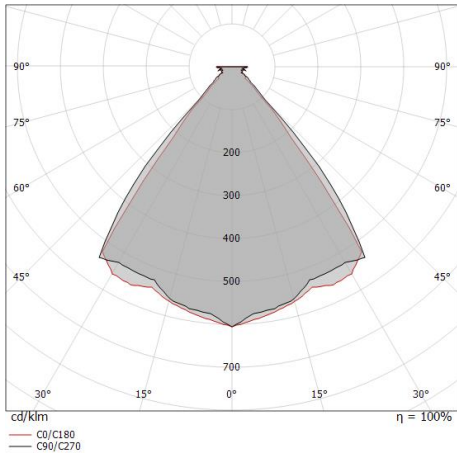
The device body is made of stainless steel and features a steel finish, processed by means of shot peening. The robust steel structure enhances the fixture's design and ensures long-lasting performance, even in the most demanding environments.

The ingress protection degree is IP44; the total weight is of 0.058 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	0.87 0.80	E(0°) 302 E(C90) 66 E(C0) 74
1.0	1.74 1.59	E(0°) 76 E(C90) 16 E(C0) 18
1.5	2.61 2.39	E(0°) 34 E(C90) 7 E(C0) 8
2.0	3.48 3.18	E(0°) 19 E(C90) 4 E(C0) 5
2.5	4.35 3.98	E(0°) 12 E(C90) 3 E(C0) 3
3.0	5.22 4.77	E(0°) 8 E(C90) 2 E(C0) 2

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 77.0°)
— C90/C270 (Half-peak divergence: 82.0°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	80 %
Lichtstrom (Lichtquelle)	155 lm
Leuchten Lichtstrom	125 lm
Consumption	1,0 W
Leuchten Lichtausbeute	125 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	1.5 Step
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 1240219h (at Tj 65 Ta 25)
L80 B10 C0 745627h (at Tj 65 Ta 25)
L90 B10 C0 309367h (at Tj 65 Ta 25)

UGR

UGR axial	28.2
UGR transversal	28
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C90/C270	82°
Optik C0/C180	77°
Light distribution simmetry	Symmetrical 2 assis

Nitum_R | Downlights | Accessories
86881N70

		Einbaugehäuse installationsposition: decke; typ installation: mauerwerk L=42mm, H=35mm, D=35mm. Material:Kunststoff ABS, farbe:Black.	Code <u>84336</u>
		Einbaugehäuse installationsposition: wand; typ installation: mauerwerk L=49mm, H=60mm, D=60mm. Material:Kunststoff ABS, farbe:Black.	Code <u>84915</u>