

Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80
86883M00

Single emission recessed downlights for indoor application. The super warm white LED light source with a diffused light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 219 lm, with a 109.5 lm/W nominal luminous efficacy.

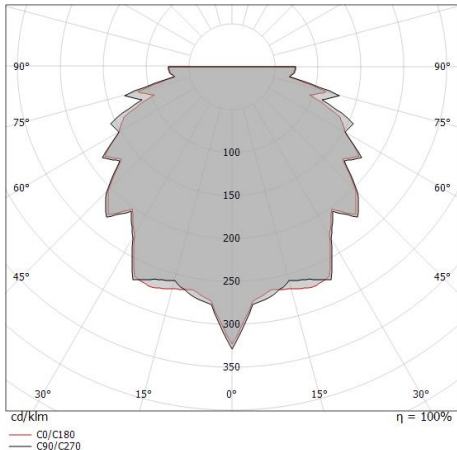
The device body is made of stainless steel and features a steel finish, processed by means of shot peening. The robust steel structure enhances the fixture's design and ensures long-lasting performance, even in the most demanding environments.

The ingress protection degree is IP44; the total weight is of 0.07 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 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 84901(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.60 1.62	E(0°) 215 E(C90) 16 E(C0) 16
1.0	3.20 3.24	E(0°) 54 E(C90) 4 E(C0) 4
1.5	4.80 4.86	E(0°) 24 E(C90) 2 E(C0) 2
2.0	6.40 6.48	E(0°) 13 E(C90) 1 E(C0) 1
2.5	8.00 8.10	E(0°) 9 E(C90) 1 E(C0) 1
3.0	9.60 9.71	E(0°) 6 E(C90) 0 E(C0) 0

— C0/C180 (Half-peak divergence: 116.6°)
— C90/C270 (Half-peak divergence: 116.0°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	75 %
Lichtstrom (Lichtquelle)	219 lm
Leuchten Lichtstrom	166 lm
Consumption	2,0 W
Leuchten Lichtausbeute	83 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	1.5 Step
Farbwiedergabeindex	80 Ra
UV-C Power	1,0 W
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)

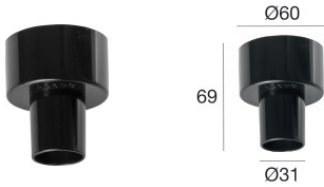
UGR

UGR axial	37
UGR transversal	36.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	116°
Light distribution simmetry	Symmetrical

Nitum_R | Downlights | Accessories
86883M00



Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=69mm, H=60mm, D=60mm.
Material:Kunststoff ABS, farbe:Black.

Code
84901