

Deckenleuchten | 220-240 V AC /260-360 V DC | 16 topLED 35 W DC - 40 W AC | CRI 80
81775N12

Single emission ceiling downlights for indoor application. The natural white LED light source with a extra wide flood light distribution is composed of 16 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 6161 lm, with a 176.0 lm/W nominal luminous efficacy.

The device body is made of aluminium alloy 6060 and features a anodised aluminium finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body with chemical conversion of aluminum, designed to ensure maximum long-term resistance.

The ingress protection degree is IP65; the total weight is of 2 kg.

The total absorbed power is 40 W The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted.

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

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	83 %
Lichtstrom (Lichtquelle)	6161 lm
Leuchten Lichtstrom	5131 lm
Consumption	40 W
Leuchten Lichtausbeute	128 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio

L70 B20 C10 180000h (at Tj 65 Ta 25)

L80 B10 C0 113500h

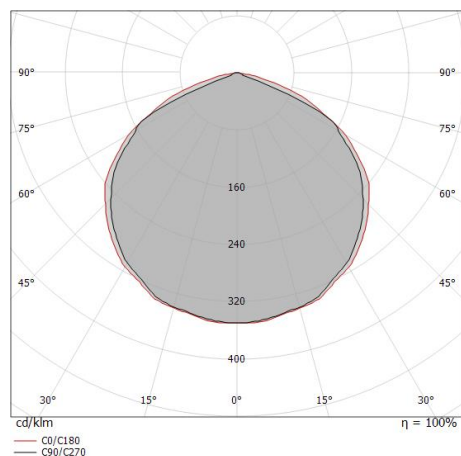
L90 B10 C0 54000h

UGR

UGR axial	27.4
UGR transversal	29.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C90/C270	116°
Optik C0/C180	120°
Light distribution simmetry	Symmetrical 2 assis



0.5	1.60	E(0°)	58.0°	7173
	1.73	E(C90)	60.0°	535
		E(C0)	60.0°	451
1.0	3.20	E(0°)	58.0°	1793
	3.46	E(C90)	60.0°	134
		E(C0)	60.0°	113
1.5	4.80	E(0°)	58.0°	797
	5.20	E(C90)	60.0°	59
		E(C0)	60.0°	50
2.0	6.40	E(0°)	58.0°	448
	6.93	E(C90)	60.0°	33
		E(C0)	60.0°	28
2.5	8.00	E(0°)	58.0°	287
	8.66	E(C90)	60.0°	21
		E(C0)	60.0°	18
3.0	9.60	E(0°)	58.0°	199
	10.39	E(C90)	60.0°	15
		E(C0)	60.0°	13
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0/C180 (Half-peak divergence: 120.0°)				
— C90/C270 (Half-peak divergence: 116.0°)				

Alux Pro | Ceiling Downlights | Accessories
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Kabel
Typ Kabel power + signal cable; Länge 1000 mm; isolierung doppio senza schermatura; querschnitt 2.5 mm²; kabelklemme: nein; farben: schwarz - blau - grau - braun - gelb-grün.

Code
83239