



MINO 60 direct/indirect system

suspended

EN Luminaire housing from extruded aluminium profile, angular design; direct/indirect light distribution; no visible screws; designed for continuous lighting systems; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; incl. feed; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

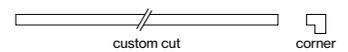
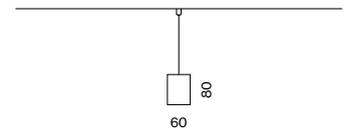
DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; direkt / indirekte Abstrahlcharakteristik; keine sichtbaren Schrauben; ausgelegt für durchgehende Lichtsysteme; Oberfläche pulverbeschichtet; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; Befestigung an der Leuchte mittels Federclips; frei positionierbar; inkl. Einspeiseleitung; Lichteinsatz bestehend aus hochreflektierend lackiertem Strangpressprofil für verbessertes Thermomanagement; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; energieeffiziente LEDs mit sehr guter Farbwiedergabe

Quickinfo

3000 K, 4000 K
 CRI ≥ 80, 3 SDCM
 up to ↓ 2700 / ↑ 2400 lm/m
 up to 159 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types

suspended



Colours



Light distributions



Dii® standards
251, 252, 253



microprismatic
UGR ≤ 19



CRI ≥ 98
XPECTRUM

Order options

LED TYPE	
mid lumen	1
high lumen	2

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2 (only high lumen)	3

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours	X

LIGHT OPTIC COVER	
opal high performance	H
microprismatic (UGR ≤ 19)	Z

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

CHANNEL LENGTH	
3000 mm	

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INSTALLATION CHANNEL + LIGHT INSET + LIGHT OPTIC COVER		
SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
17.9W/26.2W	872	0 4 6 - 5 0 3 3
23.8W/34W	1172	0 4 6 - 5 0 4 3
29.1W/43W	1464	0 4 6 - 5 0 5 3
34W/53W	1756	0 4 6 - 5 0 6 3
46W/70W	2344	0 4 6 - 5 0 8 3
23.8W corner /mid lumen	625x625	0 4 6 - 5 0 5 1
34W corner /high lumen	625x625	0 4 6 - 5 0 6 1

COVER	COLOUR TEMP.	SYSTEM POWER	DIRECT LUMENS	INDIRECT LUMENS	EFFICACY
mid lumen/	3000K	20W/m	1680lm/m	970lm/m	132lm/W
opal high p.	4000K		1920lm/m	1120lm/m	149lm/W
high lumen/	3000K	29W/m	2360lm/m	1440lm/m	130lm/W
opal high p.	4000K		2680lm/m	1640lm/m	149lm/W

BLIND CHANNEL / BLIND COVER

blind channel	custom	E 8 5 0 3 1
blind cover	custom	E 8 0 6 3 0

Accessories

END CAPS



TYPE	ORDER CODE
end caps (pair)	0 4 6 - 5 0 1 0 0 1

LINEAR CONNECTOR



TYPE	ORDER CODE
linear connector (1 piece)	0 0 5 - 4 0 0 4 6
linear connector (10 pieces)	0 0 5 - 4 0 0 4 6 . 1 0
opal cover linear connector	0 0 6 - 1 4 0 0 0

CABLE SUSPENSION / CANOPY



TYPE	L (mm)	ORDER CODE
cable suspension	1500	0 0 5 - 2 1 2 2 1 1 0
canopy/feeder cable 3 × 1.5 mm ²	1500	0 0 5 - 2 2 1 2 3 1
canopy/feeder cable 5 × 1.5 mm ²	1500	0 0 5 - 2 2 1 2 4 1
cable rail	1200	0 0 5 - 2 4 9 1 1 1 0

for electrical system configuration see luminaire data sheet at xal.com

THROUGH WIRE

TYPE	ORDER CODE
3 × 1.5 mm ² (non DIM, 10 pieces)	0 0 4 - 9 0 0 0 3
5 × 1.5 mm ² (DALI-2, 10 pieces)	0 0 4 - 9 0 0 0 5

Light distributions



opal
direct/indirect

microprismatic
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -13%