

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

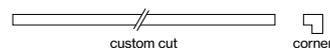
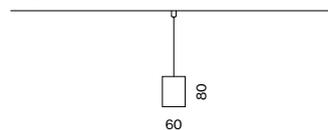
IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; emissione diretta/indiretta; nessuna vite visibile; per sistemi di file continue; verniciatura a polvere; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; incl. cavo di alimentazione; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

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



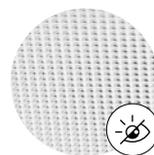
Light distributions



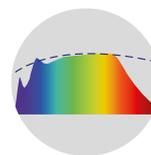
direct
indirect



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 4
29.1W/43 W	1464	0 4 6 - 5 0 5 5
34 W/53 W	1756	0 4 6 - 5 0 6 6
46 W/70 W	2344	0 4 6 - 5 0 8 8
23.8 W corner /mid lumen	625x625	0 4 6 - 5 0 5 1 1
34 W corner /high lumen	625x625	0 4 6 - 5 0 6 1

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

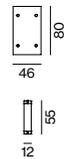
Accessories

END CAPS



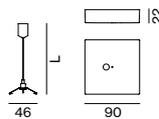
TYPE	ORDER CODE
end caps (pair)	0 4 6 - 5 0 1 0 0 1

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



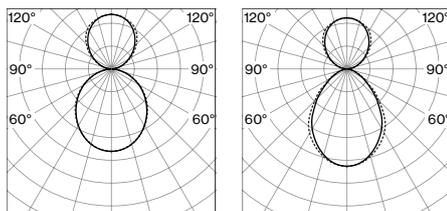
TYPE	L (mm)	ORDER CODE
cable suspension	1500	0 0 5 - 2 1 2 2 1 1 0
canopy/ feeder cable 3 × 1.5 mm ²	1500	0 0 5 - 2 2 1 2 3 1
canopy/ feeder cable 5 × 1.5 mm ²	1500	0 0 5 - 2 2 1 2 4 1
cable rail	1200	0 0 5 - 2 4 9 1 1 1 0

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%