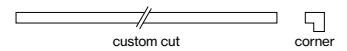
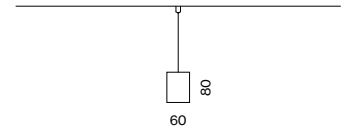


## Quickinfo

3000 K, 4000 K  
 CRI  $\geq$  80, 3 SDCM  
 up to  $\nabla$  2470 /  $\pm$  1610 lm/m  
 up to 120 lm/W  
 L90 @ 50 000 h  
 non DIM, DALI-2  
 opal, microprismatic (UGR  $\leq$  19)

## Types

suspended



## Colours



## Light distributions



# MINO 60 direct/indirect system

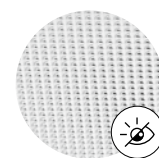
ceiling/ suspended

**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. transparent 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

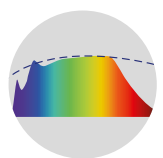
**FR** Corps de luminaire en profil extrudé en alu, version arête ; caractéristique de rayonnement direct / indirect ; aucune vis visible ; conçu pour système d'éclairage continu ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; incl. conduit d'alimentation transparent ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED économes en énergie à restitution de couleur élevée



DiiA® standards  
251, 252, 253



microprismatic  
UGR  $\leq$  19



CRI  $\geq$  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  p.992	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	

### MINO 60 direct/indirect suspended



#### INSTALLATION CHANNEL + LIGHT INSET + LIGHT OPTIC COVER

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
20.1W/31W	872	0 4 6 - 5 0 3 3
26.8W/41W	1172	0 4 6 - 5 0 4 3
34W/51W	1464	0 4 6 - 5 0 5 3
40W/62W	1756	0 4 6 - 5 0 6 3
54W/82W	2344	0 4 6 - 5 0 8 3
26.8W corner /mid lumen	625x625	0 4 6 - 5 0 5 1
42W corner /high lumen	625x625	0 4 6 - 5 0 6 1

COVER	COLOUR TEMP.	SYSTEM POWER	DIRECT LUMENS	INDIRECT LUMENS	EFFICACY
mid lumen/	3000K	22W/m	1490lm/m	950lm/m	113lm/W
opal high p.	4000K		1440lm/m	1010lm/m	120lm/W
high lumen/	3000K	35W/m	2330lm/m	1520lm/m	108lm/W
opal high p.	4000K		2470lm/m	1610lm/m	115lm/W

#### BLIND CHANNEL / BLIND COVER

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

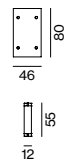
### Accessories

#### END CAPS



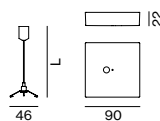
TYPE	ORDER CODE
end caps (pair)	0 4 6 - 5 0 1 0 0 1

#### 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



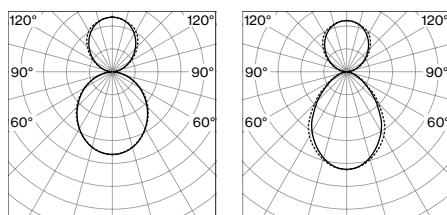
TYPE	L (mm)	ORDER CODE
cable suspension	1500	0 0 5 - 2 1 2 2 1 1 0
canopy / feeder cable 3 × 1.5 mm <sup>2</sup>	1500	0 0 5 - 2 2 1 2 3 1
canopy / feeder cable 5 × 1.5 mm <sup>2</sup>	1500	0 0 5 - 2 2 1 2 4 1
cable rail	1200	0 0 5 - 2 4 9 1 1 1 0

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

#### THROUGH WIRE

TYPE	ORDER CODE
3 × 1.5 mm <sup>2</sup> (non DIM, 10 pieces)	0 0 4 - 9 0 0 0 3
5 × 1.5 mm <sup>2</sup> (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%