



MINO 60

suspended

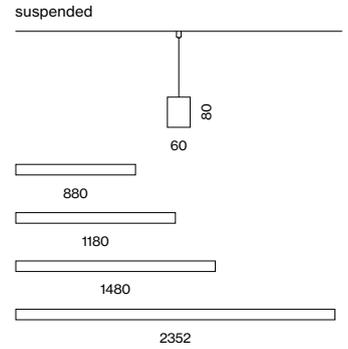
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with feeder cable; 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-eff. LEDs – very good colour rendering

ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; los demás componentes se pueden montar sin herramientas; suspendido con cable; regulación de la altura sin necesitar herramientas; fijación en las lámparas por medio de enganches elásticos; ajustable de una manera sencilla; incl. cable de alimentación; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LED energét. efíc. – excelente reprod. crom.

Quickinfo

3000 K, 4000 K; TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 up to 135 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



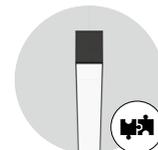
Colours



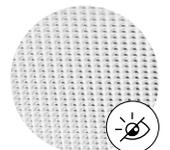
Light distribution



DiiA® standards
 251, 252, 253



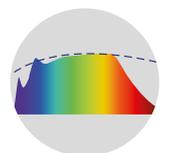
system solution



microprismatic
 UGR ≤ 19



tunable white
 2700–6500 K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE

3000 K (CRI \geq 90)	0
4000 K (CRI \geq 90)	1
3000 K (CRI \geq 80)	5
4000 K (CRI \geq 80)	6
tunable white 2700–6500 K*	6

*DALI-2 DT8

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
microprismatic (UGR \leq 19)*	G

*UGR \leq 19 only with mid lumen

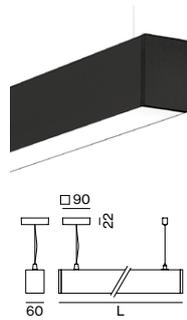
Options on request

COLOUR RENDERING INDEX

CRI \geq 98 XPECTRUM

INDIVIDUAL MATERIAL COLOUR

☉ MINO 60 suspended system



MINO 60 suspended



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.3W	3000K	1230lm	880	0 4 6 - 4 2 L 3 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1400lm		
13.3W	3000K	1640lm	1180	0 4 6 - 4 2 L 4 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1870lm		
16.6W	3000K	2060lm	1480	0 4 6 - 4 2 L 5 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	2340lm		
26.6W	3000K	3290lm	2352	0 4 6 - 4 2 L 8 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	3740lm		

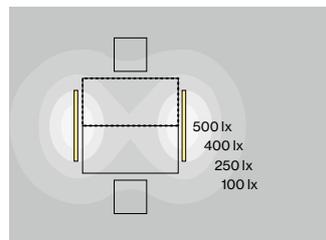
HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
17.5W	3000K	2070lm	880	0 4 6 - 4 2 M 3 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	2360lm		
23.3W	3000K	2760lm	1180	0 4 6 - 4 2 M 4 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3150lm		
29.1W	3000K	3460lm	1480	0 4 6 - 4 2 M 5 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3930lm		
45W	3000K	5530lm	2352	0 4 6 - 4 2 M 8 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	6290lm		

TUNABLE WHITE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
19W	2700–6500K	2260lm	880	0 4 6 - 4 2 3 3 D 3 <input type="checkbox"/> <input type="checkbox"/>
25.3W	2700–6500K	3010lm	1180	0 4 6 - 4 2 3 4 D 3 <input type="checkbox"/> <input type="checkbox"/>
31W	2700–6500K	3760lm	1480	0 4 6 - 4 2 3 5 D 3 <input type="checkbox"/> <input type="checkbox"/>
49W	2700–6500K	6020lm	2352	0 4 6 - 4 2 3 8 D 3 <input type="checkbox"/> <input type="checkbox"/>

Technical data



MINO 60 suspended, 13.3W, 4000K, direct

ROOM VALUES

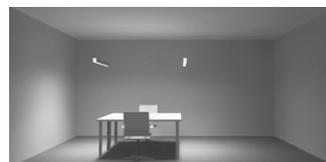
Room dimensions	5,4 × 4 × 2,8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25 m

CALCULATION SURFACE

Surface dimensions	1,6 × 0,8 m
Surface height	0,75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



LUMINOUS FLUX value calculated for
CRI \geq 80, colour white, cover opal
microprism. Z -13%, microprism. G -15%