



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

DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; Oberfläche pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restl. Komponenten werkzeuglos montierbar; 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; mikrop Prismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; energieeff. LEDs – sehr gute Farbwiedergabe

Quickinfo

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

Types

suspended



Colours



Light distribution

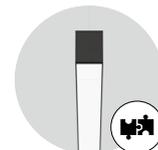


direct

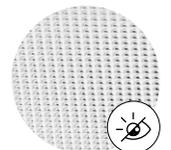


Data Monitoring

DiiA® standards
 251, 252, 253



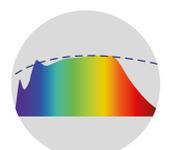
system
 solution



microprismatic
 UGR \leq 19



tunable white
 2700–6500 K



CRI \geq 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	
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INDIVIDUAL MATERIAL COLOUR

<input checked="" type="radio"/> MINO 60 suspended system	
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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 checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	1400lm		
13.3W	3000K	1640lm	1180	0 4 6 - 4 2 L 4 :: 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	1870lm		
16.6W	3000K	2060lm	1480	0 4 6 - 4 2 L 5 :: 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	2340lm		
26.6W	3000K	3290lm	2352	0 4 6 - 4 2 L 8 :: 1 <input checked="" 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 checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	2360lm		
23.3W	3000K	2760lm	1180	0 4 6 - 4 2 M 4 :: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	3150lm		
29.1W	3000K	3460lm	1480	0 4 6 - 4 2 M 5 :: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	3930lm		
45W	3000K	5530lm	2352	0 4 6 - 4 2 M 8 :: <input checked="" type="checkbox"/> <input checked="" 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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
25.3W	2700–6500K	3010lm	1180	0 4 6 - 4 2 3 4 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
31W	2700–6500K	3760lm	1480	0 4 6 - 4 2 3 5 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
49W	2700–6500K	6020lm	2352	0 4 6 - 4 2 3 8 D 3 <input checked="" type="checkbox"/> <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%