



MINO 60

suspended

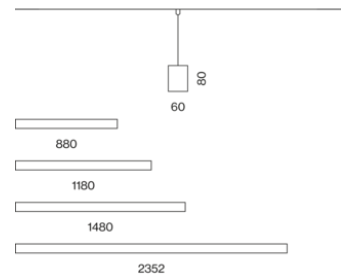
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; pendant fitting with cable suspension; with integrated toolless suspension height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

DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; Oberfläche pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten 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; mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; energieeffiziente LEDs mit sehr guter Farbwiedergabe

Quickinfo

3000 K, 4000 K, tunable white
2700 K - 6500 K
CRI \geq 80, CRI \geq 90 / 3 SDCM
UGR \leq 19
up to 2,710 lm/m
up to 141 lm/W
L90 / 50000 h
DALI-2, non DIM
High Performance Opal,
Microprismatic
IP20

Types



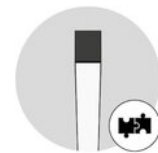
Colour



Light distributions



DiiA® standards
251, 252, 253



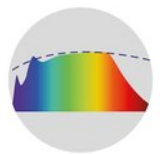
system solution



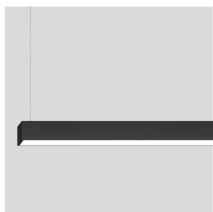
microprismatic
UGR \leq 19



tunable white
2700 – 6500 K



CRI \geq 98
XPECTRUM
(optional)



MINO 60 suspended

TUNABLE
WHITECRI
≥ 90UGR
≤ 19cd/m²
≤ 3000

220-240 V

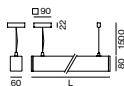
DALI
1ADDR.

X-PERT

X-PERT

OPAL | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	SYSTEM	ORDER CODE
10.3 W	880 mm	3000 K	80	1230 lm	119 lm/W	0 4 6 - 4 2 L 3 5 1 <input checked="" type="checkbox"/> H
		4000 K	90	1060 lm	103 lm/W	0 4 6 - 4 2 L 3 0 1 <input checked="" type="checkbox"/> H
		3000 K	80	1400 lm	136 lm/W	0 4 6 - 4 2 L 3 6 1 <input checked="" type="checkbox"/> H
		4000 K	90	1150 lm	112 lm/W	0 4 6 - 4 2 L 3 1 1 <input checked="" type="checkbox"/> H
13.3 W	1180 mm	3000 K	80	1640 lm	123 lm/W	0 4 6 - 4 2 L 4 5 1 <input checked="" type="checkbox"/> H
		4000 K	90	1420 lm	107 lm/W	0 4 6 - 4 2 L 4 0 1 <input checked="" type="checkbox"/> H
		3000 K	80	1870 lm	141 lm/W	0 4 6 - 4 2 L 4 6 1 <input checked="" type="checkbox"/> H
		4000 K	90	1530 lm	115 lm/W	0 4 6 - 4 2 L 4 1 1 <input checked="" type="checkbox"/> H
16.6 W	1480 mm	3000 K	80	2060 lm	124 lm/W	0 4 6 - 4 2 L 5 5 1 <input checked="" type="checkbox"/> H
		4000 K	90	1770 lm	107 lm/W	0 4 6 - 4 2 L 5 0 1 <input checked="" type="checkbox"/> H
		3000 K	80	2340 lm	141 lm/W	0 4 6 - 4 2 L 5 6 1 <input checked="" type="checkbox"/> H
		4000 K	90	1910 lm	115 lm/W	0 4 6 - 4 2 L 5 1 1 <input checked="" type="checkbox"/> H
26.6 W	2352 mm	3000 K	80	3290 lm	124 lm/W	0 4 6 - 4 2 L 8 5 1 <input checked="" type="checkbox"/> H
		4000 K	90	2840 lm	107 lm/W	0 4 6 - 4 2 L 8 0 1 <input checked="" type="checkbox"/> H
		3000 K	80	3740 lm	141 lm/W	0 4 6 - 4 2 L 8 6 1 <input checked="" type="checkbox"/> H
		4000 K	90	3060 lm	115 lm/W	0 4 6 - 4 2 L 8 1 1 <input checked="" type="checkbox"/> H







































MICROPRISMATIC | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	SYSTEM	ORDER CODE
10.3 W	880 mm	3000 K	80	1070 lm	104 lm/W	0 4 6 - 4 2 L 3 5 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	925 lm	90 lm/W	0 4 6 - 4 2 L 3 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		3000 K	80	1220 lm	118 lm/W	0 4 6 - 4 2 L 3 6 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	999 lm	97 lm/W	0 4 6 - 4 2 L 3 1 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
13.3 W	1180 mm	3000 K	80	1430 lm	108 lm/W	0 4 6 - 4 2 L 4 5 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	1230 lm	92 lm/W	0 4 6 - 4 2 L 4 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		3000 K	80	1630 lm	123 lm/W	0 4 6 - 4 2 L 4 6 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	1330 lm	100 lm/W	0 4 6 - 4 2 L 4 1 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
16.6 W	1480 mm	3000 K	80	1790 lm	108 lm/W	0 4 6 - 4 2 L 5 5 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	1540 lm	93 lm/W	0 4 6 - 4 2 L 5 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		3000 K	80	2040 lm	123 lm/W	0 4 6 - 4 2 L 5 6 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	1670 lm	101 lm/W	0 4 6 - 4 2 L 5 1 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
26.6 W	2352 mm	3000 K	80	2860 lm	108 lm/W	0 4 6 - 4 2 L 8 5 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	2470 lm	93 lm/W	0 4 6 - 4 2 L 8 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		3000 K	80	3260 lm	123 lm/W	0 4 6 - 4 2 L 8 6 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	90	2670 lm	100 lm/W	0 4 6 - 4 2 L 8 1 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

























































Order options

COLOUR		COVER OPTION	
pure white RAL 9010	7	microprismatic (glare reduced)	G
jet black RAL 9005	8	microprismatic	Z
white aluminium RAL 9006	G		

OPAL | HIGH LUMEN

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	SYSTEM	ORDER CODE
17.5 W	880 mm	3000 K	80	2070 lm	118 lm/W	0 4 6 - 4 2 M 3 5   H
			90	1790 lm	102 lm/W	0 4 6 - 4 2 M 3 0   H
		4000 K	80	2360 lm	135 lm/W	0 4 6 - 4 2 M 3 6   H
			90	1930 lm	110 lm/W	0 4 6 - 4 2 M 3 1   H
19.0 W	880 mm	tunable w.	80	2260 lm	119 lm/W	0 4 6 - 4 2 3 3 D 3  H
23.3 W	1180 mm	3000 K	80	2760 lm	118 lm/W	0 4 6 - 4 2 M 4 5   H
			90	2380 lm	102 lm/W	0 4 6 - 4 2 M 4 0   H
		4000 K	80	3150 lm	135 lm/W	0 4 6 - 4 2 M 4 6   H
			90	2570 lm	110 lm/W	0 4 6 - 4 2 M 4 1   H
25.3 W	1180 mm	tunable w.	80	3010 lm	119 lm/W	0 4 6 - 4 2 3 4 D 3  H
29.1 W	1480 mm	3000 K	80	3460 lm	119 lm/W	0 4 6 - 4 2 M 5 5   H
			90	2980 lm	102 lm/W	0 4 6 - 4 2 M 5 0   H
		4000 K	80	3930 lm	135 lm/W	0 4 6 - 4 2 M 5 6   H
			90	3220 lm	111 lm/W	0 4 6 - 4 2 M 5 1   H
31.0 W	1480 mm	tunable w.	80	3760 lm	121 lm/W	0 4 6 - 4 2 3 5 D 3  H
45.0 W	2352 mm	3000 K	80	5530 lm	123 lm/W	0 4 6 - 4 2 M 8 5   H
			90	4770 lm	106 lm/W	0 4 6 - 4 2 M 8 0   H
		4000 K	80	6290 lm	140 lm/W	0 4 6 - 4 2 M 8 6   H
			90	5150 lm	114 lm/W	0 4 6 - 4 2 M 8 1   H
49.0 W	2352 mm	tunable w.	80	6020 lm	123 lm/W	0 4 6 - 4 2 3 8 D 3  H

MICROPRISMATIC | HIGH LUMEN

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	SYSTEM	ORDER CODE
17.5 W	880 mm	3000 K	80	1800 lm	103 lm/W	0 4 6 - 4 2 M 3 5   
			90	1560 lm	89 lm/W	0 4 6 - 4 2 M 3 0   
		4000 K	80	2050 lm	117 lm/W	0 4 6 - 4 2 M 3 6   
			90	1680 lm	96 lm/W	0 4 6 - 4 2 M 3 1   
19.0 W	880 mm	tunable w.	80	1960 lm	103 lm/W	0 4 6 - 4 2 3 3 D 3  
23.3 W	1180 mm	3000 K	80	2410 lm	103 lm/W	0 4 6 - 4 2 M 4 5   
			90	2070 lm	89 lm/W	0 4 6 - 4 2 M 4 0   
		4000 K	80	2740 lm	118 lm/W	0 4 6 - 4 2 M 4 6   
			90	2240 lm	96 lm/W	0 4 6 - 4 2 M 4 1   
25.3 W	1180 mm	tunable w.	80	2620 lm	104 lm/W	0 4 6 - 4 2 3 4 D 3  
29.1 W	1480 mm	3000 K	80	3010 lm	103 lm/W	0 4 6 - 4 2 M 5 5   
			90	2590 lm	89 lm/W	0 4 6 - 4 2 M 5 0   
		4000 K	80	3420 lm	118 lm/W	0 4 6 - 4 2 M 5 6   
			90	2800 lm	96 lm/W	0 4 6 - 4 2 M 5 1   
31.0 W	1480 mm	tunable w.	80	3270 lm	105 lm/W	0 4 6 - 4 2 3 5 D 3  
45.0 W	2352 mm	3000 K	80	4810 lm	107 lm/W	0 4 6 - 4 2 M 8 5   
			90	4150 lm	92 lm/W	0 4 6 - 4 2 M 8 0   
		4000 K	80	5480 lm	122 lm/W	0 4 6 - 4 2 M 8 6   
			90	4480 lm	100 lm/W	0 4 6 - 4 2 M 8 1   
49.0 W	2352 mm	tunable w.	80	5240 lm	107 lm/W	0 4 6 - 4 2 3 8 D 3  

Order options

COLOUR

pure white RAL 9010

jet black RAL 9005

white aluminium RAL 9006



7

8

G

COVER OPTION

microprismatic (glare reduced)

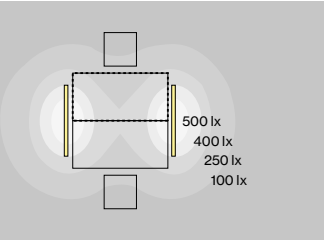
microprismatic



G

Z

Planning Information



MINO 60 suspended, 15.3 W, 4000 K, 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

Order options

CONTROL		COLOUR		COVER OPTION	
non DIM	1	pure white RAL 9010	7	microprismatic (glare reduced)	G
DALI-2	3	jet black RAL 9005	8	microprismatic	Z
		white aluminium RAL 9006	G		

University Academy 92, Manchester

United Kingdom

Architect
BDP Architecture

Photographer
David Barbour



Used products



TUBO 100
suspended



MINO 60 suspended



MOVE IT 25 surface /
suspended system



OPAL HIGH
PERFORMANCE
MOVE IT 25



JUST 55 MOVE IT
25 / 25 S / 45







Office IPAI, Heilbronn

Germany

Architect
Süd.Com GmbH

Photographer
Süd.Com GmbH



Used products



MINO 60 suspended



MINO 60 CURVE
ceiling / suspended
system



**MINO 60 ceiling /
suspended system**







