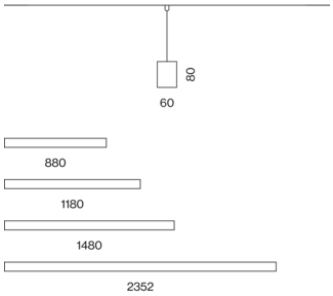


Quickinfo

3000 K, 4000 K, tunable white
2700 - 6500 K
CRI ≥ 80, CRI ≥ 90 / 3 SDCM (initial MacAdam)
UGR ≤ 19
bis zu 2.710 lm/m
bis zu 141 lm/W
L90 / 100000 h, L90 / 75000 h
Abdeckung: Microprismatic, Opal
DALI-2, nicht dimmbar
IP20

Types



Farben

Lichtverteilung

MINO 60

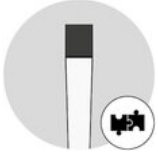
suspended

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; 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

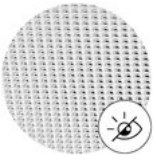
DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; Oberfläche pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; Befestigung an der Leuchte mittels Federclips; frei positionierbar; inkl. Einspeiseleitung; Lichteinsatz bestehend aus hochreflektierend lackiertem Strangpressprofil für verbessertes Thermomanagement; opale Abdeckung für homogene Ausleuchtung; mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; energieeffiziente LEDs mit sehr guter Farbwiedergabe



DiiA® standards
251, 252, 253



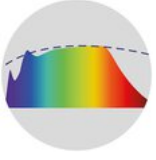
system solution



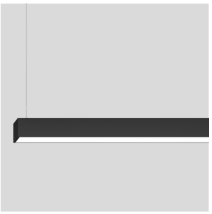
microprismatic
UGR ≤ 19



tunable white
2700 – 6500 K

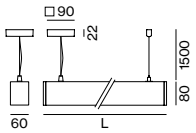


CRI ≥ 98
XPECTRUM
(optional)



MINO 60 SUSPENDED

TUNABLE WHITE | CRI ≥ 90 | UGR ≤ 19 | cd/m² ≤3000 | 220-240 V | DALI 1 ADDR. | X-PERT | X-PERT



OPAL | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
10.3 W	880 mm	3000 K	80	1320 lm	128 lm/W	0 4 6 - 4 2 L 3 5 1 ◪ H
			90	1150 lm	112 lm/W	0 4 6 - 4 2 L 3 0 1 ◪ H
		4000 K	80	1400 lm	136 lm/W	0 4 6 - 4 2 L 3 6 1 ◪ H
			90	1150 lm	112 lm/W	0 4 6 - 4 2 L 3 1 1 ◪ H
13.3 W	1180 mm	3000 K	80	1760 lm	132 lm/W	0 4 6 - 4 2 L 4 5 1 ◪ H
			90	1530 lm	115 lm/W	0 4 6 - 4 2 L 4 0 1 ◪ H
		4000 K	80	1870 lm	141 lm/W	0 4 6 - 4 2 L 4 6 1 ◪ H
			90	1530 lm	115 lm/W	0 4 6 - 4 2 L 4 1 1 ◪ H
16.6 W	1480 mm	3000 K	80	2200 lm	133 lm/W	0 4 6 - 4 2 L 5 5 1 ◪ H
			90	1910 lm	115 lm/W	0 4 6 - 4 2 L 5 0 1 ◪ H
		4000 K	80	2340 lm	141 lm/W	0 4 6 - 4 2 L 5 6 1 ◪ H
			90	1910 lm	115 lm/W	0 4 6 - 4 2 L 5 1 1 ◪ H
26.6 W	2352 mm	3000 K	80	3520 lm	132 lm/W	0 4 6 - 4 2 L 8 5 1 ◪ H
			90	3060 lm	115 lm/W	0 4 6 - 4 2 L 8 0 1 ◪ H
		4000 K	80	3740 lm	141 lm/W	0 4 6 - 4 2 L 8 6 1 ◪ H
			90	3060 lm	115 lm/W	0 4 6 - 4 2 L 8 1 1 ◪ H

MICROPRISMATIC | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
10.3 W	880 mm	3000 K	80	1150 lm	112 lm/W	0 4 6 - 4 2 L 3 5 1 ◪ ◘
			90	1000 lm	97 lm/W	0 4 6 - 4 2 L 3 0 1 ◪ ◘
		4000 K	80	1220 lm	118 lm/W	0 4 6 - 4 2 L 3 6 1 ◪ ◘
			90	999 lm	97 lm/W	0 4 6 - 4 2 L 3 1 1 ◪ ◘
13.3 W	1180 mm	3000 K	80	1530 lm	115 lm/W	0 4 6 - 4 2 L 4 5 1 ◪ ◘
			90	1330 lm	100 lm/W	0 4 6 - 4 2 L 4 0 1 ◪ ◘
		4000 K	80	1630 lm	123 lm/W	0 4 6 - 4 2 L 4 6 1 ◪ ◘
			90	1330 lm	100 lm/W	0 4 6 - 4 2 L 4 1 1 ◪ ◘
16.6 W	1480 mm	3000 K	80	1910 lm	115 lm/W	0 4 6 - 4 2 L 5 5 1 ◪ ◘
			90	1670 lm	101 lm/W	0 4 6 - 4 2 L 5 0 1 ◪ ◘
		4000 K	80	2040 lm	123 lm/W	0 4 6 - 4 2 L 5 6 1 ◪ ◘
			90	1670 lm	101 lm/W	0 4 6 - 4 2 L 5 1 1 ◪ ◘
26.6 W	2352 mm	3000 K	80	3060 lm	115 lm/W	0 4 6 - 4 2 L 8 5 1 ◪ ◘
			90	2670 lm	100 lm/W	0 4 6 - 4 2 L 8 0 1 ◪ ◘
		4000 K	80	3260 lm	123 lm/W	0 4 6 - 4 2 L 8 6 1 ◪ ◘
			90	2670 lm	100 lm/W	0 4 6 - 4 2 L 8 1 1 ◪ ◘

Order options

COLOUR ◪	
pure white RAL 9010	7
jet black RAL 9005	8
white aluminium RAL 9006	G

COVER OPTION ◘	
microprismatic (glare reduced)	G
microprismatic	Z

OPAL | HIGH LUMEN

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
16.6 W	880 mm	tunable w.	80	2260 lm	136 lm/W	0 4 6 - 4 2 3 3 D 3 ◪ H
17.5 W	880 mm	3000 K	80	2220 lm	127 lm/W	0 4 6 - 4 2 M 3 5 ⇕ ◪ H
			90	1930 lm	110 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
22.1 W	1180 mm	tunable w.	80	3010 lm	136 lm/W	0 4 6 - 4 2 3 4 D 3 ◪ H
23.3 W	1180 mm	3000 K	80	2960 lm	127 lm/W	0 4 6 - 4 2 M 4 5 ⇕ ◪ H
			90	2570 lm	110 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
27.6 W	1480 mm	tunable w.	80	3760 lm	136 lm/W	0 4 6 - 4 2 3 5 D 3 ◪ H
29.1 W	1480 mm	3000 K	80	3690 lm	127 lm/W	0 4 6 - 4 2 M 5 5 ⇕ ◪ H
			90	3220 lm	111 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
43.0 W	2352 mm	tunable w.	80	6020 lm	140 lm/W	0 4 6 - 4 2 3 8 D 3 ◪ H
45.0 W	2352 mm	3000 K	80	5910 lm	131 lm/W	0 4 6 - 4 2 M 8 5 ⇕ ◪ H
			90	5150 lm	114 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

MICROPRISMATIC | HIGH LUMEN

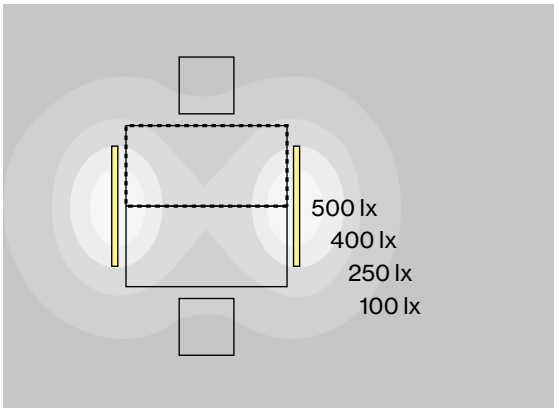
SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
16.6 W	880 mm	tunable w.	80	1970 lm	119 lm/W	0 4 6 - 4 2 3 3 D 3 ◪ ◘
17.5 W	880 mm	3000 K	80	1930 lm	110 lm/W	0 4 6 - 4 2 M 3 5 ⇕ ◪ ◘
			90	1680 lm	96 lm/W	0 4 6 - 4 2 M 3 0 ⇕ ◪ ◘
		4000 K	80	2050 lm	117 lm/W	0 4 6 - 4 2 M 3 6 ⇕ ◪ ◘
			90	1680 lm	96 lm/W	0 4 6 - 4 2 M 3 1 ⇕ ◪ ◘
22.1 W	1180 mm	tunable w.	80	2620 lm	119 lm/W	0 4 6 - 4 2 3 4 D 3 ◪ ◘
23.3 W	1180 mm	3000 K	80	2570 lm	110 lm/W	0 4 6 - 4 2 M 4 5 ⇕ ◪ ◘
			90	2240 lm	96 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 ⇕ ◪ ◘
27.6 W	1480 mm	tunable w.	80	3280 lm	119 lm/W	0 4 6 - 4 2 3 5 D 3 ◪ ◘
29.1 W	1480 mm	3000 K	80	3210 lm	110 lm/W	0 4 6 - 4 2 M 5 5 ⇕ ◪ ◘
			90	2800 lm	96 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 ⇕ ◪ ◘
43.0 W	2352 mm	tunable w.	80	5240 lm	122 lm/W	0 4 6 - 4 2 3 8 D 3 ◪ ◘
45.0 W	2352 mm	3000 K	80	5140 lm	114 lm/W	0 4 6 - 4 2 M 8 5 ⇕ ◪ ◘
			90	4480 lm	100 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 ⇕ ◪ ◘

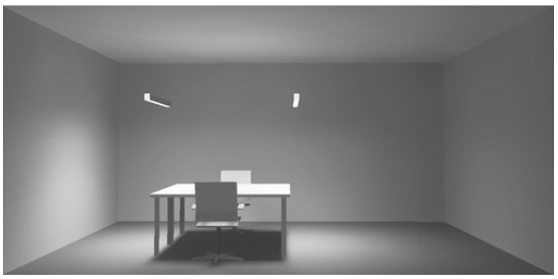
Order options

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		

15.11.2026

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

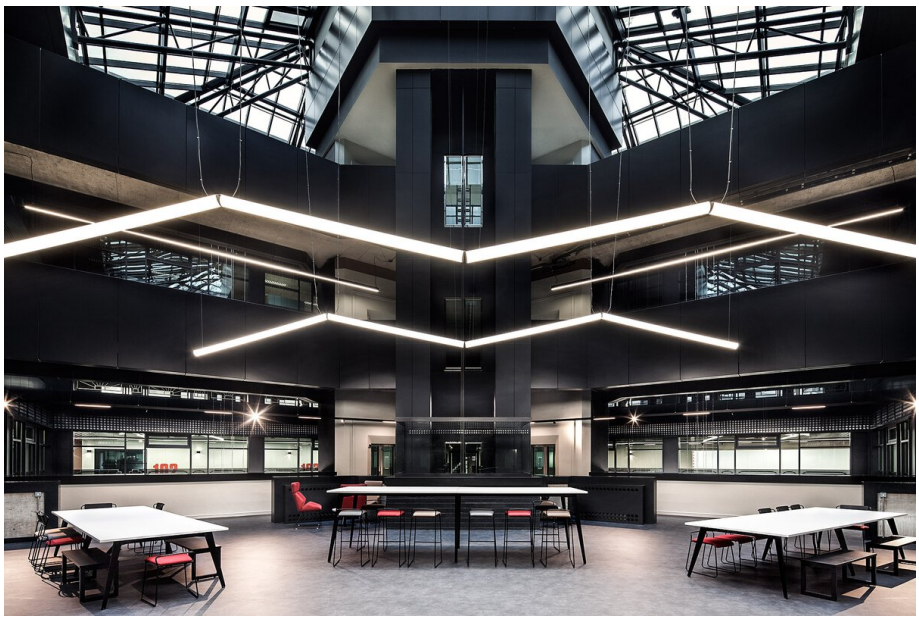
Table Classification	X=4H | Y=8H | S=0.25H
UGR transversal	≤ 19
UGR axial	≤ 19

University Academy 92, Manchester

Vereinigtes Königreich

Architekt
BDP Architecture

Fotograf
David Barbour



Verwendete Produkte



MINO 60 suspended



MOVE IT 25 surface / suspended system



OPAL MOVE IT 25



JUST 55 MOVE IT 25 / 25 S / 45

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com




104




UA 92
UNLOCK YOUR GREATNESS


UNIVERSITY ACADEMY92
UA 92


PERFORMANCE

Office IPAI, Heilbronn

Deutschland

Architekt
Süd.Com GmbH

Fotograf
Süd.Com GmbH



Verwendete Produkte



MINO 60 suspended



MINO 60 CURVE ceiling / suspended system



MINO 60 ceiling / suspended system

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com




CAFÉ




IPAI CAFÉ


RISE OF AI






IPAI