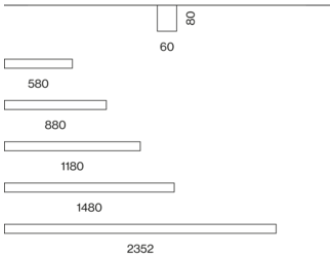


Quickinfo

3000 K, 4000 K, tunable white
2700 - 6500 K
CRI ≥ 80, CRI ≥ 90 / 3 SDCM (initial MacAdam)
UGR ≤ 19
up to 2,750 lm/m
up to 141 lm/W
L90 / 100000 h, L90 / 75000 h
Cover: Microprismatic, Opal
DALI-2, non DIM
IP20

Types



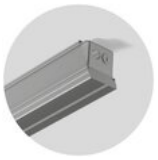
Colours

Light distributions

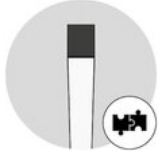




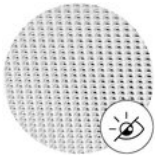
DiiA® standards 251, 252, 253



concrete installation housing



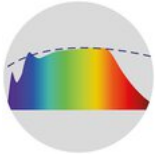
system solution



microprismatic UGR ≤ 19



tunable white 2700 – 6500 K



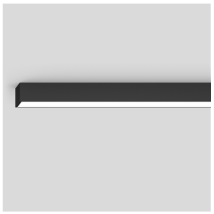
CRI ≥ 98 XPECTRUM (optional)

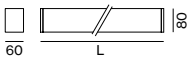
MINO 60

surface

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; 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; 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





MINO 60 surface

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

OPAL | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
6.9 W	580 mm	3000 K	80	879 lm	127 lm/W	0 4 6 - 4 1 L 2 5 1 ◪ H
			90	766 lm	111 lm/W	0 4 6 - 4 1 L 2 0 1 ◪ H
		4000 K	80	936 lm	136 lm/W	0 4 6 - 4 1 L 2 6 1 ◪ H
			90	766 lm	111 lm/W	0 4 6 - 4 1 L 2 1 1 ◪ H
10.3 W	880 mm	3000 K	80	1320 lm	128 lm/W	0 4 6 - 4 1 L 3 5 1 ◪ H
			90	1150 lm	112 lm/W	0 4 6 - 4 1 L 3 0 1 ◪ H
		4000 K	80	1400 lm	136 lm/W	0 4 6 - 4 1 L 3 6 1 ◪ H
			90	1150 lm	112 lm/W	0 4 6 - 4 1 L 3 1 1 ◪ H
13.3 W	1180 mm	3000 K	80	1760 lm	132 lm/W	0 4 6 - 4 1 L 4 5 1 ◪ H
			90	1530 lm	115 lm/W	0 4 6 - 4 1 L 4 0 1 ◪ H
		4000 K	80	1870 lm	141 lm/W	0 4 6 - 4 1 L 4 6 1 ◪ H
			90	1530 lm	115 lm/W	0 4 6 - 4 1 L 4 1 1 ◪ H
16.6 W	1480 mm	3000 K	80	2200 lm	133 lm/W	0 4 6 - 4 1 L 5 5 1 ◪ H
			90	1910 lm	115 lm/W	0 4 6 - 4 1 L 5 0 1 ◪ H
		4000 K	80	2340 lm	141 lm/W	0 4 6 - 4 1 L 5 6 1 ◪ H
			90	1910 lm	115 lm/W	0 4 6 - 4 1 L 5 1 1 ◪ H
26.6 W	2352 mm	3000 K	80	3520 lm	132 lm/W	0 4 6 - 4 1 L 8 5 1 ◪ H
			90	3060 lm	115 lm/W	0 4 6 - 4 1 L 8 0 1 ◪ H
		4000 K	80	3740 lm	141 lm/W	0 4 6 - 4 1 L 8 6 1 ◪ H
			90	3060 lm	115 lm/W	0 4 6 - 4 1 L 8 1 1 ◪ H

MICROPRISMATIC | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
6.9 W	580 mm	3000 K	80	765 lm	111 lm/W	0 4 6 - 4 1 L 2 5 1 ◪ ◘
			90	666 lm	97 lm/W	0 4 6 - 4 1 L 2 0 1 ◪ ◘
		4000 K	80	814 lm	118 lm/W	0 4 6 - 4 1 L 2 6 1 ◪ ◘
			90	666 lm	97 lm/W	0 4 6 - 4 1 L 2 1 1 ◪ ◘
10.3 W	880 mm	3000 K	80	1150 lm	112 lm/W	0 4 6 - 4 1 L 3 5 1 ◪ ◘
			90	1000 lm	97 lm/W	0 4 6 - 4 1 L 3 0 1 ◪ ◘
		4000 K	80	1220 lm	118 lm/W	0 4 6 - 4 1 L 3 6 1 ◪ ◘
			90	999 lm	97 lm/W	0 4 6 - 4 1 L 3 1 1 ◪ ◘
13.3 W	1180 mm	3000 K	80	1530 lm	115 lm/W	0 4 6 - 4 1 L 4 5 1 ◪ ◘
			90	1330 lm	100 lm/W	0 4 6 - 4 1 L 4 0 1 ◪ ◘
		4000 K	80	1630 lm	123 lm/W	0 4 6 - 4 1 L 4 6 1 ◪ ◘
			90	1330 lm	100 lm/W	0 4 6 - 4 1 L 4 1 1 ◪ ◘
16.6 W	1480 mm	3000 K	80	1910 lm	115 lm/W	0 4 6 - 4 1 L 5 5 1 ◪ ◘
			90	1670 lm	101 lm/W	0 4 6 - 4 1 L 5 0 1 ◪ ◘
		4000 K	80	2040 lm	123 lm/W	0 4 6 - 4 1 L 5 6 1 ◪ ◘
			90	1670 lm	101 lm/W	0 4 6 - 4 1 L 5 1 1 ◪ ◘
26.6 W	2352 mm	3000 K	80	3060 lm	115 lm/W	0 4 6 - 4 1 L 8 5 1 ◪ ◘
			90	2670 lm	100 lm/W	0 4 6 - 4 1 L 8 0 1 ◪ ◘
		4000 K	80	3260 lm	123 lm/W	0 4 6 - 4 1 L 8 6 1 ◪ ◘
			90	2670 lm	100 lm/W	0 4 6 - 4 1 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
12.1 W	580 mm	3000 K	80	1480 lm	122 lm/W	0 4 6 - 4 1 M 2 5 ◆ ◪ H
			90	1290 lm	107 lm/W	0 4 6 - 4 1 M 2 0 ◆ ◪ H
		4000 K	80	1570 lm	130 lm/W	0 4 6 - 4 1 M 2 6 ◆ ◪ H
			90	1290 lm	107 lm/W	0 4 6 - 4 1 M 2 1 ◆ ◪ H
16.6 W	880 mm	tunable w.	80	2260 lm	136 lm/W	0 4 6 - 4 1 3 3 D 3 ◪ H
17.5 W	880 mm	3000 K	80	2220 lm	127 lm/W	0 4 6 - 4 1 M 3 5 ◆ ◪ H
			90	1930 lm	110 lm/W	0 4 6 - 4 1 M 3 0 ◆ ◪ H
		4000 K	80	2360 lm	135 lm/W	0 4 6 - 4 1 M 3 6 ◆ ◪ H
			90	1930 lm	110 lm/W	0 4 6 - 4 1 M 3 1 ◆ ◪ H
22.1 W	1180 mm	tunable w.	80	3010 lm	136 lm/W	0 4 6 - 4 1 3 4 D 3 ◪ H
23.3 W	1180 mm	3000 K	80	2960 lm	127 lm/W	0 4 6 - 4 1 M 4 5 ◆ ◪ H
			90	2570 lm	110 lm/W	0 4 6 - 4 1 M 4 0 ◆ ◪ H
		4000 K	80	3150 lm	135 lm/W	0 4 6 - 4 1 M 4 6 ◆ ◪ H
			90	2570 lm	110 lm/W	0 4 6 - 4 1 M 4 1 ◆ ◪ H
27.6 W	1480 mm	tunable w.	80	3760 lm	136 lm/W	0 4 6 - 4 1 3 5 D 3 ◪ H
29.1 W	1480 mm	3000 K	80	3690 lm	127 lm/W	0 4 6 - 4 1 M 5 5 ◆ ◪ H
			90	3220 lm	111 lm/W	0 4 6 - 4 1 M 5 0 ◆ ◪ H
		4000 K	80	3930 lm	135 lm/W	0 4 6 - 4 1 M 5 6 ◆ ◪ H
			90	3220 lm	111 lm/W	0 4 6 - 4 1 M 5 1 ◆ ◪ H
43.0 W	2352 mm	tunable w.	80	6020 lm	140 lm/W	0 4 6 - 4 1 3 8 D 3 ◪ H
45.0 W	2352 mm	3000 K	80	5910 lm	131 lm/W	0 4 6 - 4 1 M 8 5 ◆ ◪ H
			90	5150 lm	114 lm/W	0 4 6 - 4 1 M 8 0 ◆ ◪ H
		4000 K	80	6290 lm	140 lm/W	0 4 6 - 4 1 M 8 6 ◆ ◪ H
			90	5150 lm	114 lm/W	0 4 6 - 4 1 M 8 1 ◆ ◪ H

Order options

CONTROL ◆	
non DIM	1
DALI-2	3

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

MICROPRISMATIC | HIGH LUMEN

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
12.1 W	580 mm	3000 K	80	1290 lm	107 lm/W	0 4 6 - 4 1 M 2 5
			90	1120 lm	93 lm/W	0 4 6 - 4 1 M 2 0
		4000 K	80	1370 lm	113 lm/W	0 4 6 - 4 1 M 2 6
			90	1120 lm	93 lm/W	0 4 6 - 4 1 M 2 1
16.6 W	880 mm	tunable w.	80	1970 lm	119 lm/W	0 4 6 - 4 1 3 3 D 3
17.5 W	880 mm	3000 K	80	1930 lm	110 lm/W	0 4 6 - 4 1 M 3 5
			90	1680 lm	96 lm/W	0 4 6 - 4 1 M 3 0
		4000 K	80	2050 lm	117 lm/W	0 4 6 - 4 1 M 3 6
			90	1680 lm	96 lm/W	0 4 6 - 4 1 M 3 1
22.1 W	1180 mm	tunable w.	80	2620 lm	119 lm/W	0 4 6 - 4 1 3 4 D 3
23.3 W	1180 mm	3000 K	80	2570 lm	110 lm/W	0 4 6 - 4 1 M 4 5
			90	2240 lm	96 lm/W	0 4 6 - 4 1 M 4 0
		4000 K	80	2740 lm	118 lm/W	0 4 6 - 4 1 M 4 6
			90	2240 lm	96 lm/W	0 4 6 - 4 1 M 4 1
27.6 W	1480 mm	tunable w.	80	3280 lm	119 lm/W	0 4 6 - 4 1 3 5 D 3
29.1 W	1480 mm	3000 K	80	3210 lm	110 lm/W	0 4 6 - 4 1 M 5 5
			90	2800 lm	96 lm/W	0 4 6 - 4 1 M 5 0
		4000 K	80	3420 lm	118 lm/W	0 4 6 - 4 1 M 5 6
			90	2800 lm	96 lm/W	0 4 6 - 4 1 M 5 1
43.0 W	2352 mm	tunable w.	80	5240 lm	122 lm/W	0 4 6 - 4 1 3 8 D 3
45.0 W	2352 mm	3000 K	80	5140 lm	114 lm/W	0 4 6 - 4 1 M 8 5
			90	4480 lm	100 lm/W	0 4 6 - 4 1 M 8 0
		4000 K	80	5480 lm	122 lm/W	0 4 6 - 4 1 M 8 6
			90	4480 lm	100 lm/W	0 4 6 - 4 1 M 8 1

Order options

CONTROL	
non DIM	1
DALI-2	3

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

COVER OPTION	
microprismatic (glare reduced)	G
microprismatic	Z

Kindergarten, Schluderns

Italy

Architect
Roland Baldi Architects

Photographer
Oskar Da Riz



Used products



VELA suspended



MINO 60 surface

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









