



# MINO 60

surface

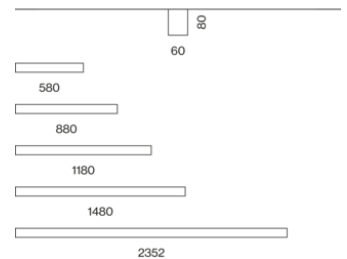
**EN** Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; 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; 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 - 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  
 DALI-2, non DIM  
 High Performance Opal,  
 Microprismatic  
 IP20

## Types



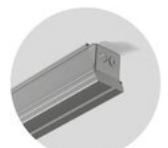
## Colour



## Light distributions



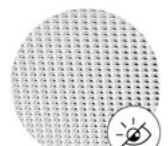
**Diia® standards**  
 251, 252, 253



**concrete installation housing**



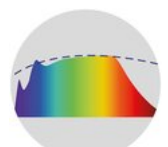
**system solution**



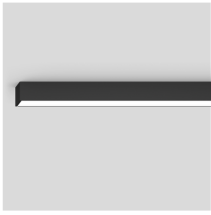
**microprismatic UGR ≤ 19**



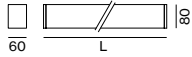
**tunable white 2700 - 6500 K**



**CRI ≥ 98 XPECTRUM (optional)**



## MINO 60 surface



### 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 <input checked="" type="checkbox"/> H		
			90	766 lm	111 lm/W	0 4 6 - 4 1 L 2 0 1 <input checked="" type="checkbox"/> H		
		4000 K	80	936 lm	136 lm/W	0 4 6 - 4 1 L 2 6 1 <input checked="" type="checkbox"/> H		
			90	766 lm	111 lm/W	0 4 6 - 4 1 L 2 1 1 <input checked="" type="checkbox"/> H		
		10.3 W	880 mm	3000 K	80	1320 lm	128 lm/W	0 4 6 - 4 1 L 3 5 1 <input checked="" type="checkbox"/> H
					90	1150 lm	112 lm/W	0 4 6 - 4 1 L 3 0 1 <input checked="" type="checkbox"/> H
4000 K	80			1400 lm	136 lm/W	0 4 6 - 4 1 L 3 6 1 <input checked="" type="checkbox"/> H		
13.3 W	1180 mm	3000 K	80	1760 lm	132 lm/W	0 4 6 - 4 1 L 4 5 1 <input checked="" type="checkbox"/> H		
			90	1530 lm	115 lm/W	0 4 6 - 4 1 L 4 0 1 <input checked="" type="checkbox"/> H		
		4000 K	80	1870 lm	141 lm/W	0 4 6 - 4 1 L 4 6 1 <input checked="" type="checkbox"/> H		
16.6 W	1480 mm	3000 K	80	2200 lm	133 lm/W	0 4 6 - 4 1 L 5 5 1 <input checked="" type="checkbox"/> H		
			90	1910 lm	115 lm/W	0 4 6 - 4 1 L 5 0 1 <input checked="" type="checkbox"/> H		
		4000 K	80	2340 lm	141 lm/W	0 4 6 - 4 1 L 5 6 1 <input checked="" type="checkbox"/> H		
26.6 W	2352 mm	3000 K	80	3520 lm	132 lm/W	0 4 6 - 4 1 L 8 5 1 <input checked="" type="checkbox"/> H		
			90	3060 lm	115 lm/W	0 4 6 - 4 1 L 8 0 1 <input checked="" type="checkbox"/> H		
		4000 K	80	3740 lm	141 lm/W	0 4 6 - 4 1 L 8 6 1 <input checked="" type="checkbox"/> H		
			90	3060 lm	115 lm/W	0 4 6 - 4 1 L 8 1 1 <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	666 lm	97 lm/W	0 4 6 - 4 1 L 2 0 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	814 lm	118 lm/W	0 4 6 - 4 1 L 2 6 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	666 lm	97 lm/W	0 4 6 - 4 1 L 2 1 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
10.3 W	880 mm	3000 K	80	1150 lm	112 lm/W	0 4 6 - 4 1 L 3 5 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1000 lm	97 lm/W	0 4 6 - 4 1 L 3 0 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	1220 lm	118 lm/W	0 4 6 - 4 1 L 3 6 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
13.3 W	1180 mm	3000 K	80	1530 lm	115 lm/W	0 4 6 - 4 1 L 4 5 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1330 lm	100 lm/W	0 4 6 - 4 1 L 4 0 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	1630 lm	123 lm/W	0 4 6 - 4 1 L 4 6 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
16.6 W	1480 mm	3000 K	80	1910 lm	115 lm/W	0 4 6 - 4 1 L 5 5 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1670 lm	101 lm/W	0 4 6 - 4 1 L 5 0 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	2040 lm	123 lm/W	0 4 6 - 4 1 L 5 6 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
26.6 W	2352 mm	3000 K	80	3060 lm	115 lm/W	0 4 6 - 4 1 L 8 5 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2670 lm	100 lm/W	0 4 6 - 4 1 L 8 0 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	3260 lm	123 lm/W	0 4 6 - 4 1 L 8 6 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2670 lm	100 lm/W	0 4 6 - 4 1 L 8 1 1 <input checked="" type="checkbox"/> <input type="checkbox"/>

### Order options

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

**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 <input checked="" type="checkbox"/> H
			90	1290 lm	107 lm/W	0 4 6 - 4 1 M 2 0 <input checked="" type="checkbox"/> H
		4000 K	80	1570 lm	130 lm/W	0 4 6 - 4 1 M 2 6 <input checked="" type="checkbox"/> H
			90	1290 lm	107 lm/W	0 4 6 - 4 1 M 2 1 <input checked="" type="checkbox"/> H
17.5 W	880 mm	3000 K	80	2220 lm	127 lm/W	0 4 6 - 4 1 M 3 5 <input checked="" type="checkbox"/> H
			90	1930 lm	110 lm/W	0 4 6 - 4 1 M 3 0 <input checked="" type="checkbox"/> H
		4000 K	80	2360 lm	135 lm/W	0 4 6 - 4 1 M 3 6 <input checked="" type="checkbox"/> H
			90	1930 lm	110 lm/W	0 4 6 - 4 1 M 3 1 <input checked="" type="checkbox"/> H
19.0 W	880 mm	tunable w.	80	2260 lm	119 lm/W	0 4 6 - 4 1 3 3 D 3 <input checked="" type="checkbox"/> H
23.3 W	1180 mm	3000 K	80	2960 lm	127 lm/W	0 4 6 - 4 1 M 4 5 <input checked="" type="checkbox"/> H
			90	2570 lm	110 lm/W	0 4 6 - 4 1 M 4 0 <input checked="" type="checkbox"/> H
		4000 K	80	3150 lm	135 lm/W	0 4 6 - 4 1 M 4 6 <input checked="" type="checkbox"/> H
			90	2570 lm	110 lm/W	0 4 6 - 4 1 M 4 1 <input checked="" type="checkbox"/> H
25.3 W	1180 mm	tunable w.	80	3010 lm	119 lm/W	0 4 6 - 4 1 3 4 D 3 <input checked="" type="checkbox"/> H
29.1 W	1480 mm	3000 K	80	3690 lm	127 lm/W	0 4 6 - 4 1 M 5 5 <input checked="" type="checkbox"/> H
			90	3220 lm	111 lm/W	0 4 6 - 4 1 M 5 0 <input checked="" type="checkbox"/> H
		4000 K	80	3930 lm	135 lm/W	0 4 6 - 4 1 M 5 6 <input checked="" type="checkbox"/> H
			90	3220 lm	111 lm/W	0 4 6 - 4 1 M 5 1 <input checked="" type="checkbox"/> H
31.0 W	1480 mm	tunable w.	80	3760 lm	121 lm/W	0 4 6 - 4 1 3 5 D 3 <input checked="" type="checkbox"/> H
45.0 W	2352 mm	3000 K	80	5910 lm	131 lm/W	0 4 6 - 4 1 M 8 5 <input checked="" type="checkbox"/> H
			90	5150 lm	114 lm/W	0 4 6 - 4 1 M 8 0 <input checked="" type="checkbox"/> H
		4000 K	80	6290 lm	140 lm/W	0 4 6 - 4 1 M 8 6 <input checked="" type="checkbox"/> H
			90	5150 lm	114 lm/W	0 4 6 - 4 1 M 8 1 <input checked="" type="checkbox"/> H
49.0 W	2352 mm	tunable w.	80	6020 lm	123 lm/W	0 4 6 - 4 1 3 8 D 3 <input checked="" type="checkbox"/> H

**Order options**

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

## 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 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1120 lm	93 lm/W	0 4 6 - 4 1 M 2 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	1370 lm	113 lm/W	0 4 6 - 4 1 M 2 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1120 lm	93 lm/W	0 4 6 - 4 1 M 2 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
17.5 W	880 mm	3000 K	80	1930 lm	110 lm/W	0 4 6 - 4 1 M 3 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1680 lm	96 lm/W	0 4 6 - 4 1 M 3 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	2050 lm	117 lm/W	0 4 6 - 4 1 M 3 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1680 lm	96 lm/W	0 4 6 - 4 1 M 3 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
19.0 W	880 mm	tunable w.	80	1960 lm	103 lm/W	0 4 6 - 4 1 3 3 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
23.3 W	1180 mm	3000 K	80	2570 lm	110 lm/W	0 4 6 - 4 1 M 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2240 lm	96 lm/W	0 4 6 - 4 1 M 4 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	2740 lm	118 lm/W	0 4 6 - 4 1 M 4 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2240 lm	96 lm/W	0 4 6 - 4 1 M 4 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
25.3 W	1180 mm	tunable w.	80	2620 lm	104 lm/W	0 4 6 - 4 1 3 4 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
29.1 W	1480 mm	3000 K	80	3210 lm	110 lm/W	0 4 6 - 4 1 M 5 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2800 lm	96 lm/W	0 4 6 - 4 1 M 5 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	3420 lm	118 lm/W	0 4 6 - 4 1 M 5 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2800 lm	96 lm/W	0 4 6 - 4 1 M 5 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
31.0 W	1480 mm	tunable w.	80	3270 lm	105 lm/W	0 4 6 - 4 1 3 5 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
45.0 W	2352 mm	3000 K	80	5140 lm	114 lm/W	0 4 6 - 4 1 M 8 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	4480 lm	100 lm/W	0 4 6 - 4 1 M 8 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	5480 lm	122 lm/W	0 4 6 - 4 1 M 8 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	4480 lm	100 lm/W	0 4 6 - 4 1 M 8 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
49.0 W	2352 mm	tunable w.	80	5240 lm	107 lm/W	0 4 6 - 4 1 3 8 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>

## Order options

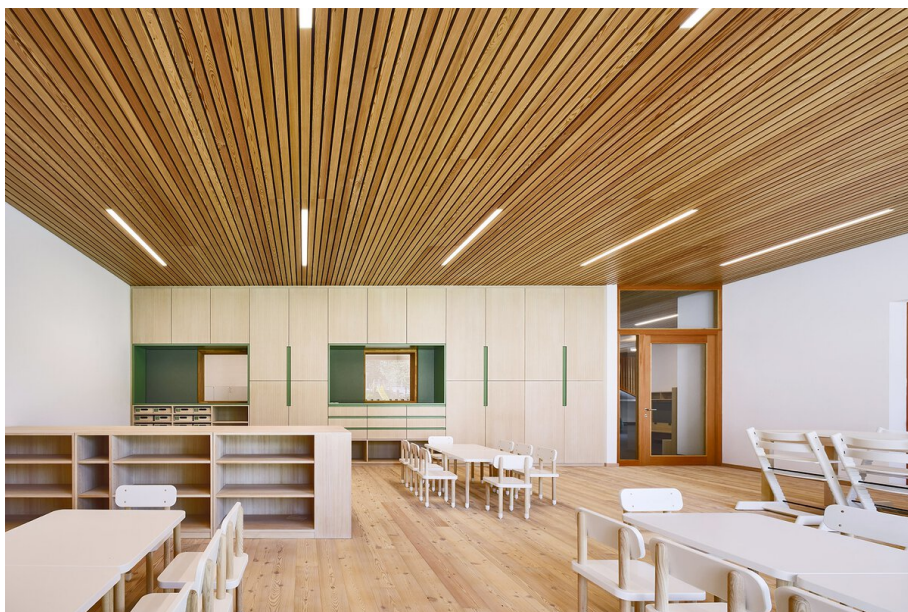
CONTROL		COLOUR		COVER OPTION	
non DIM	<input type="checkbox"/>	1 white aluminium RAL 9006	<input checked="" type="checkbox"/>	G microprismatic (glare reduced)	<input checked="" type="checkbox"/>
DALI-2	<input checked="" type="checkbox"/>	3 pure white RAL 9010	<input checked="" type="checkbox"/>	7 microprismatic	<input checked="" type="checkbox"/>
		jet black RAL 9005	<input checked="" type="checkbox"/>	8	<input checked="" type="checkbox"/>

# Kindergarten, Schluderns

Italy

**Architect**  
Roland Baldi Architects

**Photographer**  
Oskar Da Riz



## Used products



**MINO 60 surface**



**VELA suspended**





