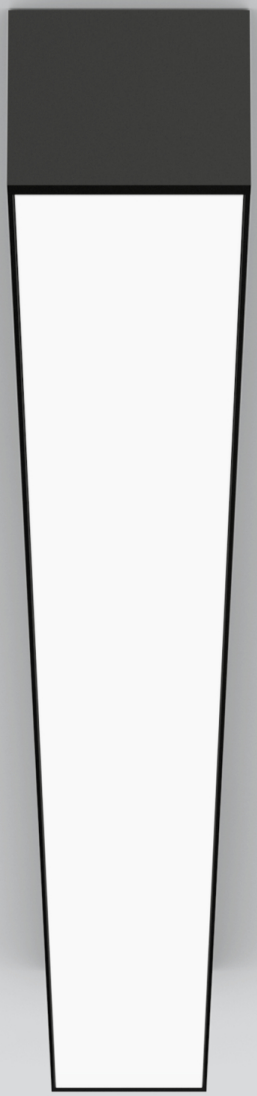
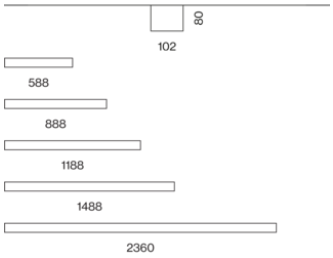


Quickinfo

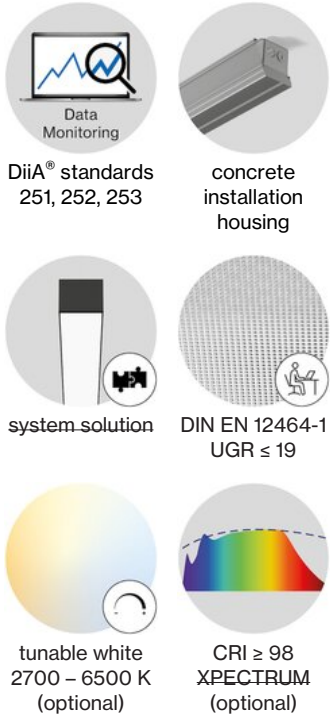
3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
hasta 3,090 lm/m
hasta 143 lm/W
L90 / 50000 h
DALI-2, non atenuable
High Performance Opal, Microprismatic
IP20

Types



Color

Distribución luminosa



DiiA® standards 251, 252, 253

concrete installation housing

system solution

DIN EN 12464-1 UGR ≤ 19

tunable white 2700 – 6500 K (optional)

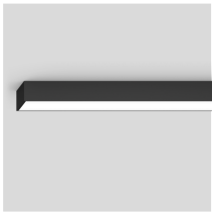
CRI ≥ 98 XPECTRUM (optional)

MINO 100

surface

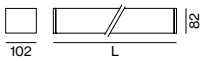
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal 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

ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LEDS de alta eficiencia que proporcionan una alta reproducción cromática



MINO 100 surface

CRI ≥ 80 | UGR ≤ 19 | cd/m² ≤ 3000 | 220-240 V | 1 ADDR. | X-PERT | X-PERT



MICROPRISMATIC | MID LUMEN CRI ≥ 80, non DIM

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.0 W	588 mm	3000 K	932 lm	117 lm/W	0 5 6 - 4 1 L 2 5 1
		4000 K	987 lm	123 lm/W	0 5 6 - 4 1 L 2 6 1
11.9 W	888 mm	3000 K	1400 lm	118 lm/W	0 5 6 - 4 1 L 3 5 1
		4000 K	1480 lm	124 lm/W	0 5 6 - 4 1 L 3 6 1
15.3 W	1188 mm	3000 K	1860 lm	122 lm/W	0 5 6 - 4 1 L 4 5 1
		4000 K	1970 lm	129 lm/W	0 5 6 - 4 1 L 4 6 1
19.2 W	1488 mm	3000 K	2330 lm	121 lm/W	0 5 6 - 4 1 L 5 5 1
		4000 K	2470 lm	129 lm/W	0 5 6 - 4 1 L 5 6 1
30.0 W	2360 mm	3000 K	3730 lm	124 lm/W	0 5 6 - 4 1 L 8 5 1
		4000 K	3950 lm	132 lm/W	0 5 6 - 4 1 L 8 6 1

OPAL | MID LUMEN CRI ≥ 80, non DIM

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.0 W	588 mm	3000 K	1010 lm	126 lm/W	0 5 6 - 4 1 L 2 5 1 H
		4000 K	1070 lm	134 lm/W	0 5 6 - 4 1 L 2 6 1 H
11.9 W	888 mm	3000 K	1520 lm	128 lm/W	0 5 6 - 4 1 L 3 5 1 H
		4000 K	1600 lm	134 lm/W	0 5 6 - 4 1 L 3 6 1 H
15.3 W	1188 mm	3000 K	2020 lm	132 lm/W	0 5 6 - 4 1 L 4 5 1 H
		4000 K	2140 lm	140 lm/W	0 5 6 - 4 1 L 4 6 1 H
19.2 W	1488 mm	3000 K	2530 lm	132 lm/W	0 5 6 - 4 1 L 5 5 1 H
		4000 K	2670 lm	139 lm/W	0 5 6 - 4 1 L 5 6 1 H
30.0 W	2360 mm	3000 K	4040 lm	135 lm/W	0 5 6 - 4 1 L 8 5 1 H
		4000 K	4280 lm	143 lm/W	0 5 6 - 4 1 L 8 6 1 H

MICROPRISMATIC | HIGH LUMEN CRI ≥ 80

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.8 W	588 mm	3000 K	1540 lm	112 lm/W	0 5 6 - 4 1 M 2 5
		4000 K	1630 lm	118 lm/W	0 5 6 - 4 1 M 2 6
20.6 W	888 mm	3000 K	2310 lm	112 lm/W	0 5 6 - 4 1 M 3 5
		4000 K	2450 lm	119 lm/W	0 5 6 - 4 1 M 3 6
27.5 W	1188 mm	3000 K	3080 lm	112 lm/W	0 5 6 - 4 1 M 4 5
		4000 K	3260 lm	119 lm/W	0 5 6 - 4 1 M 4 6
34.0 W	1488 mm	3000 K	3850 lm	113 lm/W	0 5 6 - 4 1 M 5 5
		4000 K	4080 lm	120 lm/W	0 5 6 - 4 1 M 5 6
53.0 W	2360 mm	3000 K	6160 lm	116 lm/W	0 5 6 - 4 1 M 8 5
		4000 K	6520 lm	123 lm/W	0 5 6 - 4 1 M 8 6

Order options

CONTROL	
non DIM	1
DALI-2	3

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

COVER OPTION	
microprismatic (glare reduced)	G
microprismatic	Z

OPAL | HIGH LUMEN CRI ≥ 80

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.8 W	588 mm	3000 K	1670 lm	121 lm/W	0 5 6 - 4 1 M 2 5 ⇕ ◪ H
		4000 K	1770 lm	128 lm/W	0 5 6 - 4 1 M 2 6 ⇕ ◪ H
20.6 W	888 mm	3000 K	2510 lm	122 lm/W	0 5 6 - 4 1 M 3 5 ⇕ ◪ H
		4000 K	2650 lm	129 lm/W	0 5 6 - 4 1 M 3 6 ⇕ ◪ H
27.5 W	1188 mm	3000 K	3340 lm	121 lm/W	0 5 6 - 4 1 M 4 5 ⇕ ◪ H
		4000 K	3540 lm	129 lm/W	0 5 6 - 4 1 M 4 6 ⇕ ◪ H
34.0 W	1488 mm	3000 K	4180 lm	123 lm/W	0 5 6 - 4 1 M 5 5 ⇕ ◪ H
		4000 K	4420 lm	130 lm/W	0 5 6 - 4 1 M 5 6 ⇕ ◪ H
53.0 W	2360 mm	3000 K	6680 lm	126 lm/W	0 5 6 - 4 1 M 8 5 ⇕ ◪ H
		4000 K	7070 lm	133 lm/W	0 5 6 - 4 1 M 8 6 ⇕ ◪ 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		

Musikhochschule, Luzern

Suiza

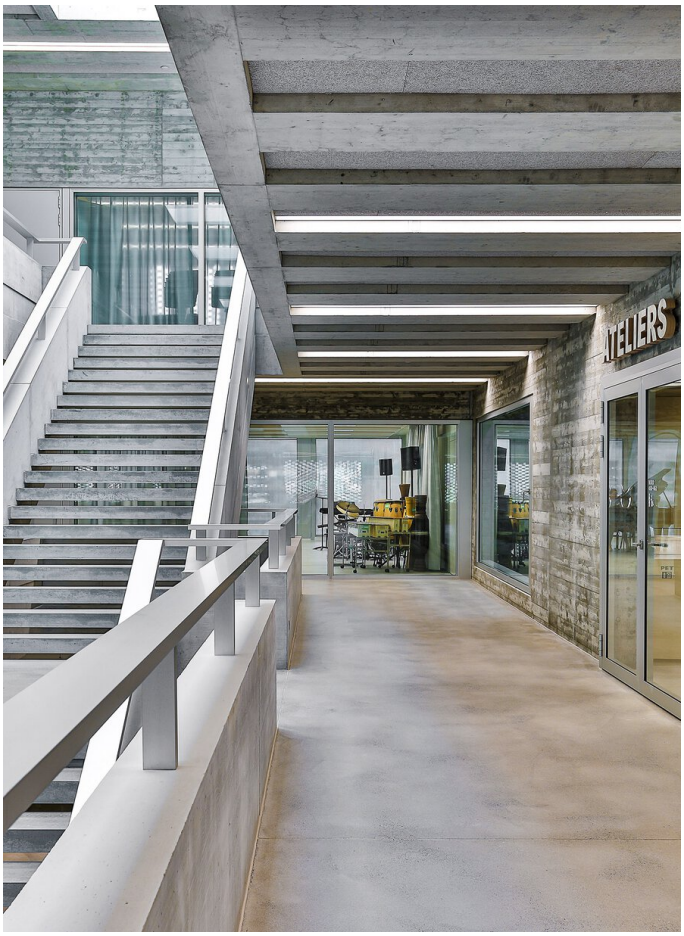
Arquitecto
Enzmann Fischer
Partner AG, Büro
Konstrukt Architekten

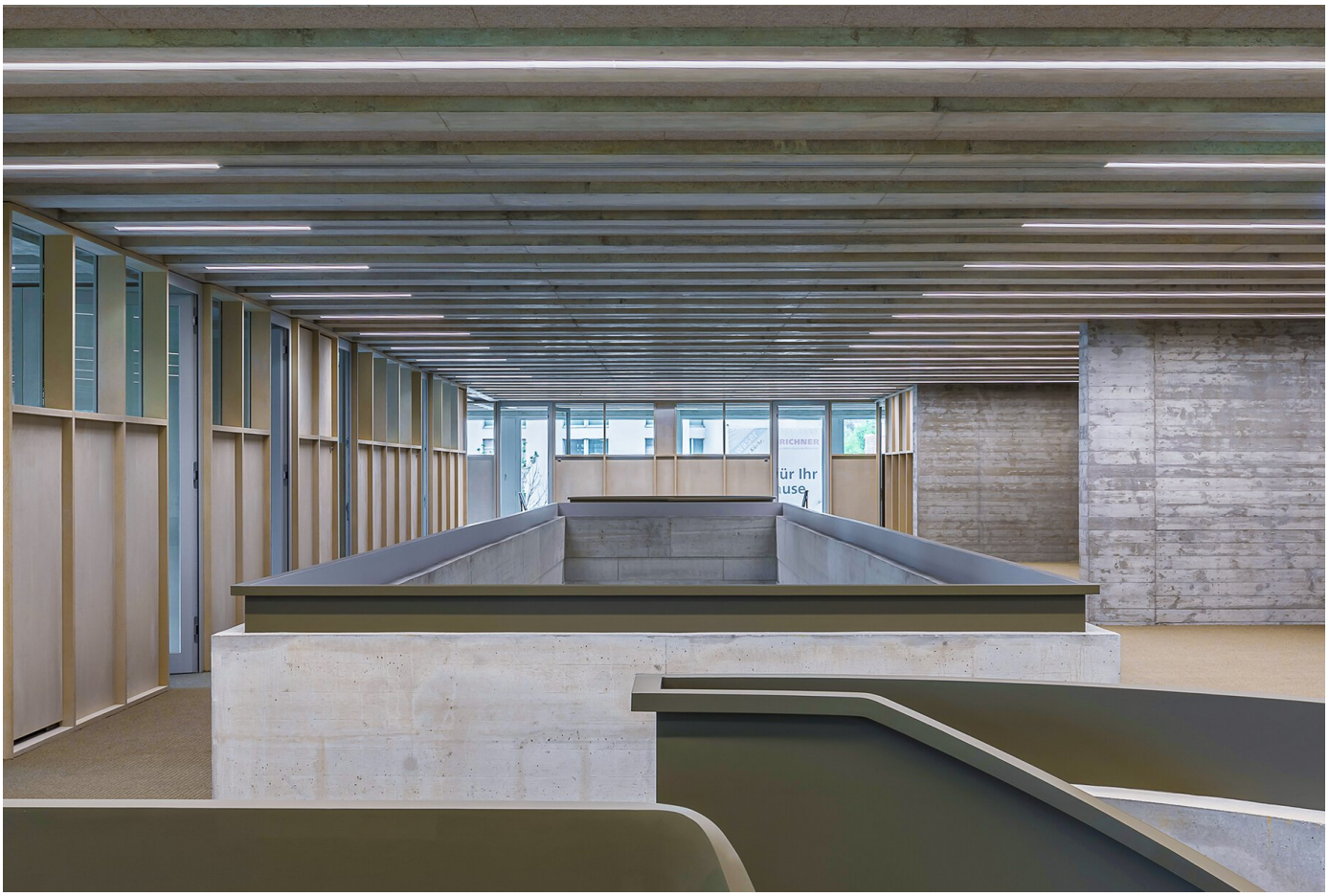
Fotografía
Annett Landsmann

Productos utilizados

MINO 100 surface

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


ATELIERS



Maria Ward Schule, Nuremberg

Alemania

Arquitecto
H2M

Lighting Design
Konzeptlicht, Gregor Sgonina

Fotografía
Linus Lintner

Productos utilizados

SASSO 60 round ceiling

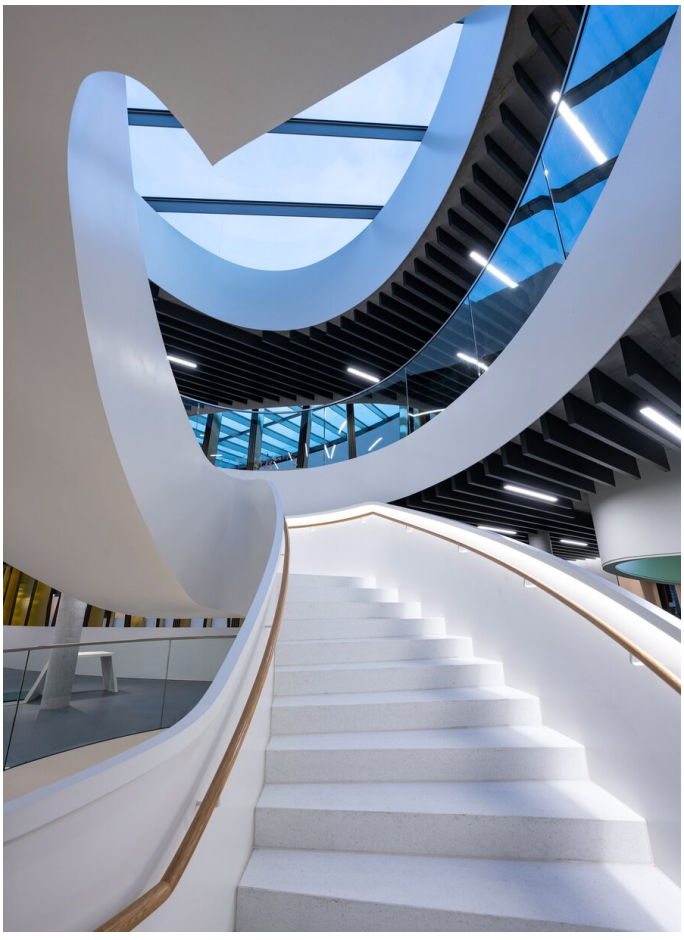
MINO 60 CIRCLE suspended

MINO 60 surface

MINO 100 surface

MINIMAL 100 trimless system

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



2

MARIA-WARD-SCHULE