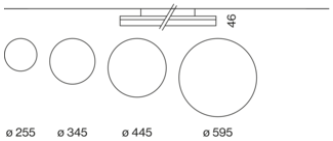
Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
hasta ↓ 6,170 lm / ↑ 3,010 lm
hasta 147 lm/W
L90 / 50000 h
DALI-2, non atenuable
Opal
IP40, IP50, IK07

Types



Color

Distribución luminosa

SONO

surface

EN Round luminaire housing in die-cast aluminium; surface powder coated; suitable for wall or ceiling mounting; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

ES Cuerpo redondo de aluminio; superficie con recubrimiento de pintura en polvo; apropiada para montaje en techo y paredes; tapa PMMA iluminada homogéneamente con acabado sanitado; luminancia idéntica en todos los tamaños; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión

DiiA® standards 251, 252, 253

easy mounting by click-mechanism

dust & insect protection (IP 40 / IP 50)

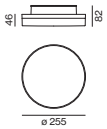
tunable white 2700 – 6500 K (optional)

SONO 260 surface

CRI ≥ 80 | UGR ≤ 22 | 220-240 V | 1 ADDR. | IP50 | IK07 | X-PERT

OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.0 W	3000 K	950 lm	136 lm/W	071-91265◆7O
	4000 K	1010 lm	144 lm/W	071-91266◆7O

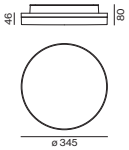


SONO 350 surface

CRI ≥ 80 | 220-240 V | 1 ADDR. | IP50 | IK07 | X-PERT | X-PERT

OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.9 W	3000 K	2090 lm	131 lm/W	071-91365◆7O
	4000 K	2210 lm	139 lm/W	071-91366◆7O



OPAL | DIRECT | EMERGENCY LIGHT pure white, CRI ≥ 80

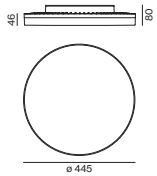
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.9 W	3000 K	2090 lm	131 lm/W	071-91365◆7ONL3
	4000 K	2210 lm	139 lm/W	071-91366◆7ONL3

SONO 450 surface

CRI ≥ 80 | UGR ≤ 22 | 220-240 V | 1 ADDR. | IP50 | IK07 | X-PERT | X-PERT

OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
23.2 W	3000 K	3060 lm	132 lm/W	071-91465◆7O
	4000 K	3240 lm	140 lm/W	071-91466◆7O



OPAL | DIRECT | EMERGENCY LIGHT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
23.2 W	3000 K	3060 lm	132 lm/W	071-91465◆7ONL3
	4000 K	3240 lm	140 lm/W	071-91466◆7ONL3

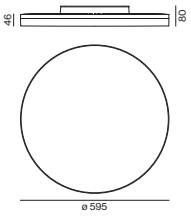
OPAL | DIRECT / INDIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
33.0 W	3000 K	↧3280/↥1130 lm	134 lm/W	071-91485◆7O
	4000 K	↧3480/↥1200 lm	142 lm/W	071-91486◆7O

Order options

CONTROL ◆	
non DIM	1
DALI-2	3

COLOUR	
pure white	RAL 9010



SONO 600 surface

CRI ≥ 80 | UGR ≤22 | 1-2 ADDR. | 220-240 V | IP50 | X-PERT

OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
42.0 W	3000 K	5830 lm	139 lm/W	071-91565 ◆ 7O
	4000 K	6170 lm	147 lm/W	071-91566 ◆ 7O

OPAL | DIRECT / INDIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
65.0 W	3000 K	↧5830/↥2850 lm	134 lm/W	071-91585 ◆ 7O
	4000 K	↧6170/↥3010 lm	141 lm/W	071-91586 ◆ 7O

Mounting tools accessories (optional)

DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000

Order options

CONTROL ◆	
non DIM	1
DALI-2	3

COLOUR	
pure white	RAL 9010

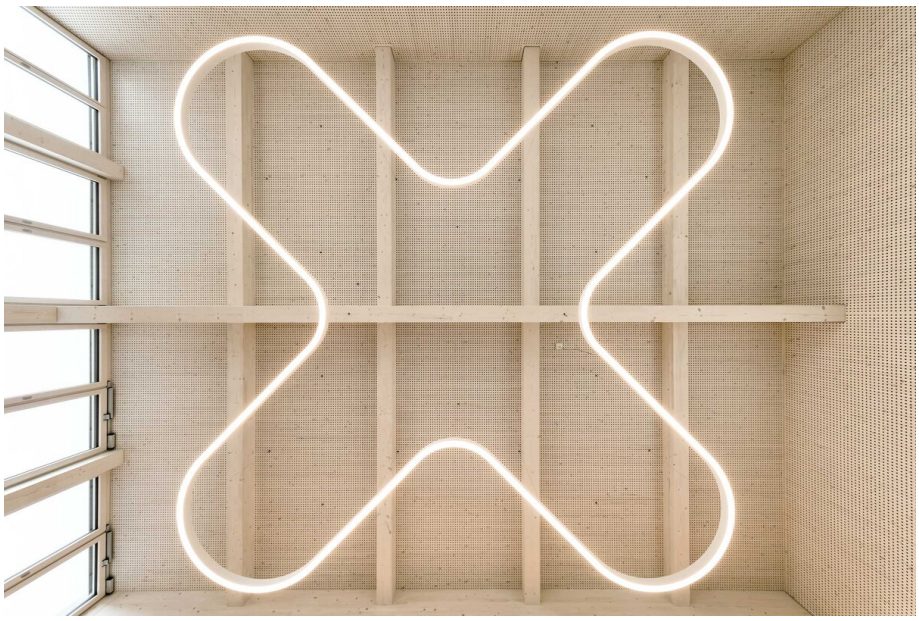
Kindergarten, Lengnau

Suiza

Arquitecto
Fahrni Partner
Architekten GmbH

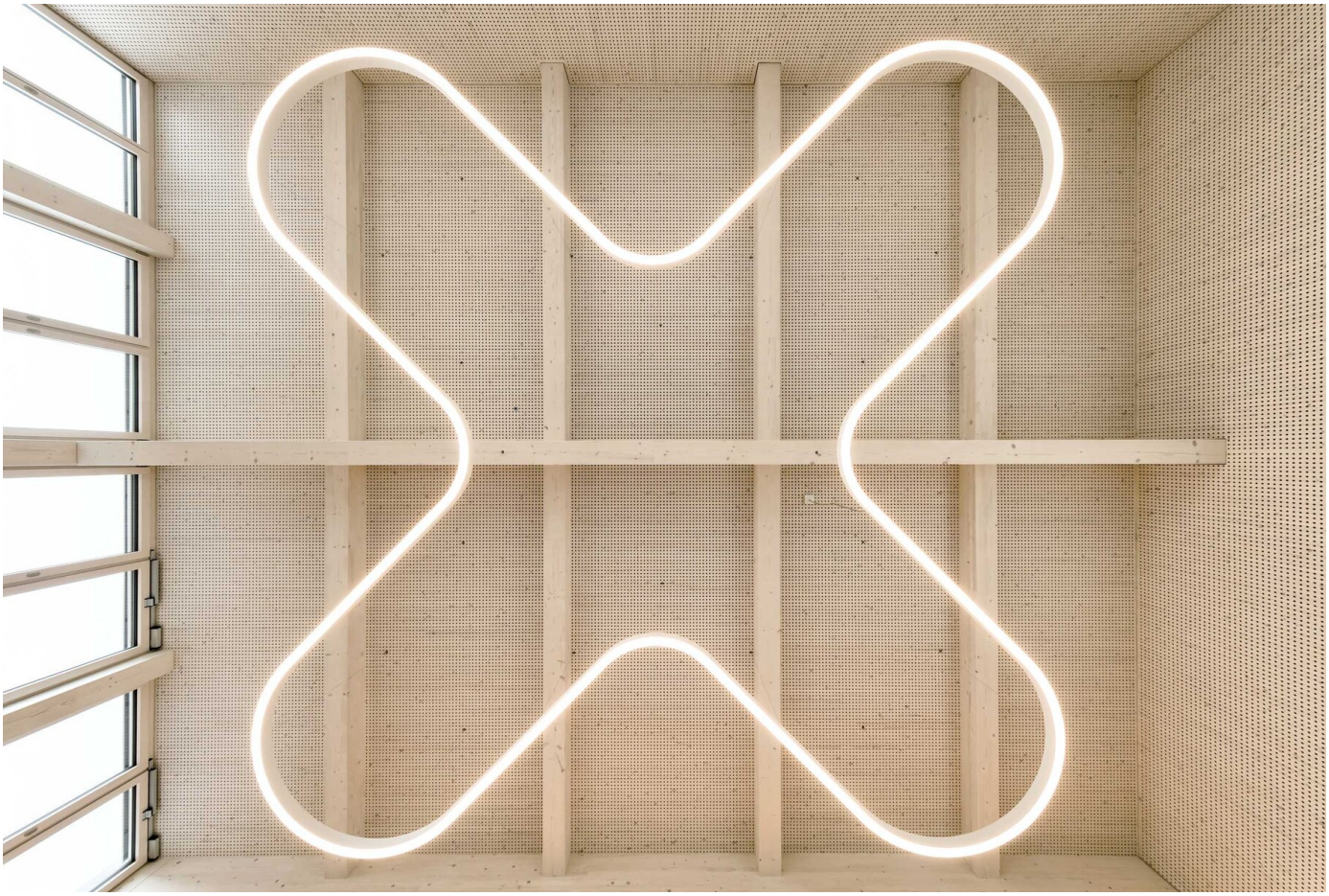
Lighting Design
tbd

Fotografía
Markus Käch



Productos utilizados

SONO surface

MINO 60 CURVE ceiling / suspended system

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