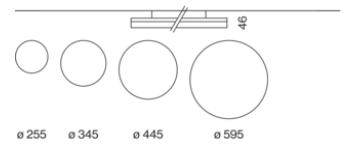




Quickinfo

3000 K, 4000 K
 CRI ≥ 80 / 3 SDCM (initial MacAdam)
 hasta 16,170 lm / 13,010 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 satinado; 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



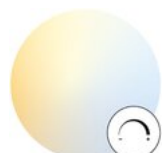
DiiA® standards
 251, 252, 253



easy mounting
 by click-
 mechanism



dust & insect
 protection (IP
 40 / IP 50)



tunable white
 2700 – 6500 K
 (optional)

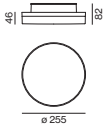


SONO 260 surface



OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.0 W	3000 K	950 lm	136 lm/W	0 7 1 - 9 1 2 6 5 ◆ 7 0
	4000 K	1010 lm	144 lm/W	0 7 1 - 9 1 2 6 6 ◆ 7 0

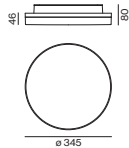


SONO 350 surface



OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.9 W	3000 K	2090 lm	131 lm/W	0 7 1 - 9 1 3 6 5 ◆ 7 0
	4000 K	2210 lm	139 lm/W	0 7 1 - 9 1 3 6 6 ◆ 7 0



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	0 7 1 - 9 1 3 6 5 ◆ 7 0 N L 3
	4000 K	2210 lm	139 lm/W	0 7 1 - 9 1 3 6 6 ◆ 7 0 N L 3

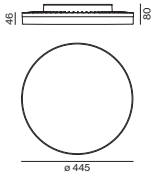


SONO 450 surface



OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
23.2 W	3000 K	3060 lm	132 lm/W	0 7 1 - 9 1 4 6 5 ◆ 7 0
	4000 K	3240 lm	140 lm/W	0 7 1 - 9 1 4 6 6 ◆ 7 0



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	0 7 1 - 9 1 4 6 5 ◆ 7 0 N L 3
	4000 K	3240 lm	140 lm/W	0 7 1 - 9 1 4 6 6 ◆ 7 0 N L 3

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	0 7 1 - 9 1 4 8 5 ◆ 7 0
	4000 K	↓3480/↑1200 lm	142 lm/W	0 7 1 - 9 1 4 8 6 ◆ 7 0

Order options

CONTROL		COLOUR	
non DIM	1	pure white	RAL 9010
DALI-2	3		

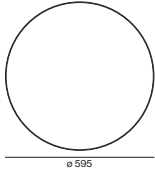
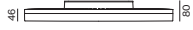


SONO 600 surface



OPAL | DIRECT pure white, CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
42.0 W	3000 K	5830 lm	139 lm/W	0 7 1 - 9 1 5 6 5 ⇄ 7 0
	4000 K	6170 lm	147 lm/W	0 7 1 - 9 1 5 6 6 ⇄ 7 0



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	0 7 1 - 9 1 5 8 5 ⇄ 7 0
	4000 K	↓6170/↑3010 lm	141 lm/W	0 7 1 - 9 1 5 8 6 ⇄ 7 0

Mounting tools accessories (optional)

DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	0 8 6 - 3 0 0 0 0

Order options

CONTROL		COLOUR	
non DIM	1	pure white	RAL 9010
DALI-2	3		

Kindergarten, Lengnau

Suiza

Arquitecto

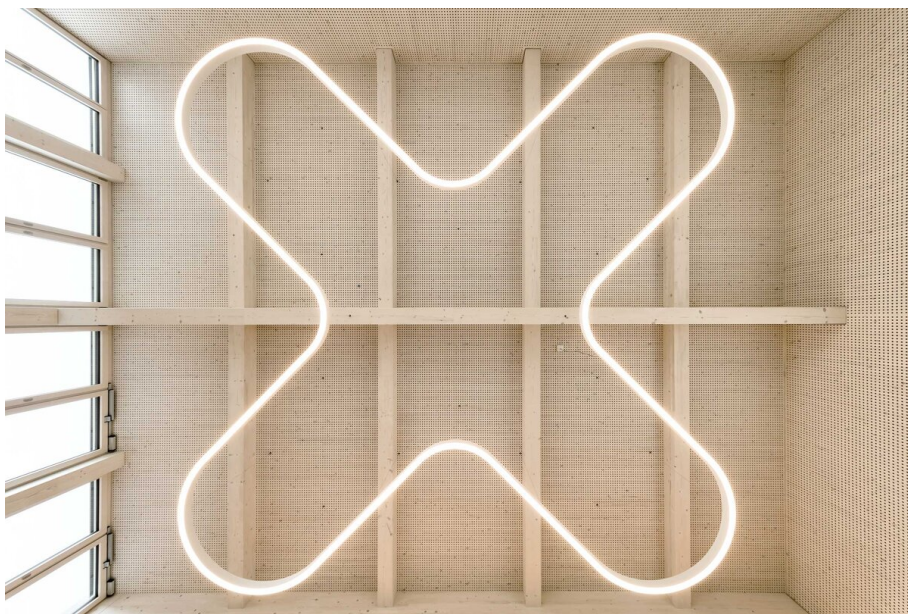
Fahrni Partner
Architekten GmbH

Lighting Design

tbd

Fotografía

Markus Käch



Productos utilizados



SONO surface



MINO 60 CURVE
ceiling / suspended
system

