

SONO FLEX 600

trim

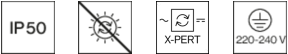
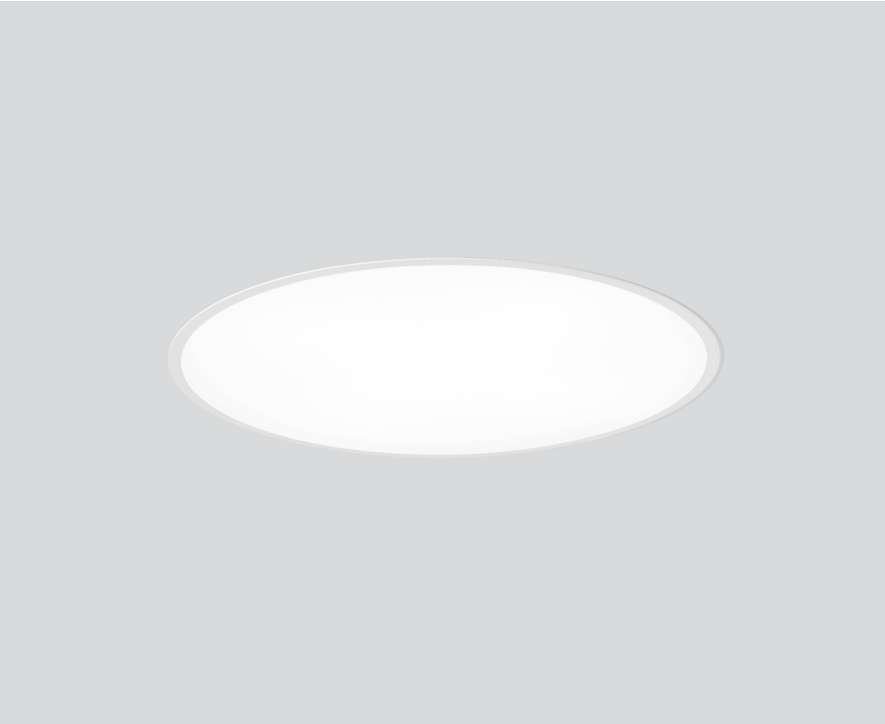
063-32585170



Project / Type

Notes

Count / Date



General

Ceiling | Recessed

pure white | RAL 9010

IP50

5410 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.54 | MDER 0.49

Optical

Opal | opal (lambertsch)

PstLM ≤ 1.0¹ | SVM ≤ 0.4¹

Electrical

non DIM

PC1 | 220-240 V

system 43 W

system 126 lm/W²

Physical

trim

diameter 628 mm | height 100 mm

11.9 kg

Cutout

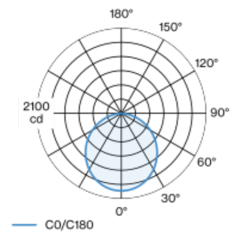
diameter 615 mm

min. ceiling thickness 10 mm | max. ceiling thickness 25 mm

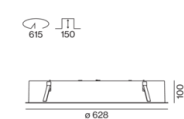
recessed depth 150 mm

Round light fitting in aluminium; consisting of light fitting (SONO) and installation housing; housing with wrap around border suitable for installation in plasterboard ceiling; suitable for ceiling thickness of 10-25 mm; surface pure white powder coated; luminaire can be set in the housing without tools; either flush with the ceiling or protruding 25mm; LED board highly reflective lacquered for higher efficiency; same luminance for all size versions; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; completely homogeneously illuminated, satin PMMA cover; luminaire with 2 cable openings and plug-in terminal for through wiring; degree of protection IP50; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ Value of containing product at full load (undimmed)
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.91	0.9
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

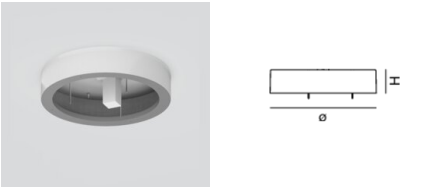
Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	11
B13	14
B16	17
B20	21
C10	18
C13	23
C16	28
C20	35

Mounting accessories

CONCRETE INSTALLATION HOUSING

TYPE for SONO FLEX 600	Ø (MM) 614	ARTICLE NUMBER(S) 063-2258100
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Mounting accessories

DISMOUNTING TOOL

TYPE vacuum cup	ARTICLE NUMBER(S) 086-30000
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