

SASSO 100 round adjustable trim soft acoustic ceiling

048-2720017S 048-2796397 002-90780



Project / Type

Notes

Count / Date



General
Ceiling Recessed
tilt max 30°
rotation 360°
traffic white RAL 9016 ¹
Mounting set traffic white
front IP40 back IP20
2430 lm
fixture 107 lm/W ²

LED
3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 99 R _f : 90 R _{t-15} : 87
MR 0.6 MDER 0.54

Optical
spot beam angle 20°
UGR ≤ 19

Electrical
non DIM
PC2 220-240 V
system 26.7 W fixture 22.7 W
36 Vf 650 mA

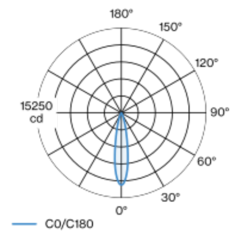
Physical
with trim for acoustic ceiling
diameter 114 mm height 95 mm
0.49 kg

Cutout
diameter 100 mm
min. ceiling thickness 25 mm max. ceiling thickness 40 mm
recessed depth 100 mm

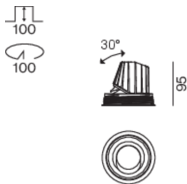
¹ RAL code
² incl. consideration of optical losses & internal control unit losses

Round recessed spotlight in die-cast aluminium; 1 lamp; surface traffic white; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 20° beam; UGR ≤ 19; degree of protection from below IP40 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



Installation instructions

Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
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	33
B16	53
B20	67
B25	83
C10	40
C16	64
C20	80
C25	100

Components

MOUNTING SET trim for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	114	048-2796397



POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
143-43-30	002-90780



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

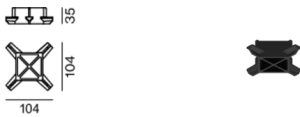
COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
white aluminium	614-307-120	048-2695110



Mounting accessories

MOUNTING TOOL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic black	104-104-35	048-2795910



Optional electrical accessories

DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
72-90-63	005-6520210



DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
2×42W 48V DC UOUT 10–40V	36-88-59	005-6121030



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Optional electrical accessories

POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box	002-90767A
with junktion box	002-90789A
with junktion box	002-90776A
with junktion box	002-90766A
with junktion box	002-90780A
with junktion box	002-90774A



Electrical accessories

THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2531110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2551110



Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	50	007-1965598

