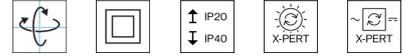


SASSO 100 round adjustable trimless soft acoustic ceiling

048-2720914F 048-2796197 002-90766



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Recessed
 tilt max 30°
 rotation 360°
 matt silver
 Mounting set signal white for acoustic ceilings
 front IP40 , back IP20
 1620 lm

LED

2700 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 97 , R_r: 91 , R₍₁₋₁₅₎: 87
 MR 0.52
 MDER 0.47

Optical

flood
 beam angle 45°
 UGR < 16 , ≥65° <3000 cd/m²
 P_{stLM} ≤ 1.0¹
 SVM ≤ 0.4¹

Electrical

non DIM
 220-240 V
 system 17.9 W
 inset 15.2 W
 36 Vf
 450 mA
 PC2
 system 91 lm/W²
 inset 106 lm/W²

Physical

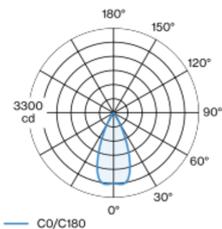
trimless for acoustic ceiling
 diameter 114 mm
 height 95 mm
 0.49 kg

Cutout

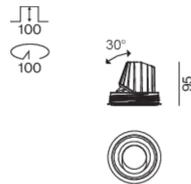
diameter 100 mm
 min. ceiling thickness 25 mm
 max. ceiling thickness 40 mm
 recessed depth 100 mm

Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; signal white for acoustic ceilings; for trimless 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 2700 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 45° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection from below IP40 (from above IP20); PC2; 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



¹ Value of containing product at full load (undimmed)

² incl. optical losses and the efficiency of the operating device (converter)



SASSO 100 round adjustable trimless soft acoustic ceiling

048-2720914F 048-2796197 002-90766



Project / Type

Notes

Count / Date

**Installation
instructions**



**Lighting
calculator**



SASSO 100 round adjustable trimless soft acoustic ceiling

048-2720914F 048-2796197 002-90766



Project / Type _____
 Notes _____
 Count / Date _____

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
 MF Maintenance Factor
 LMF^a Luminaire Maintenance Factor

RSMF^a Room Surface Maintenance Factor
 LLMF Lamp Lumens Maintenance Factor
 LSF Lamp Survival Faktor

^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	22
B16	36
C10	37
C16	60

Components

MOUNTING SET trimless for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
signal white for acoustic ceilings	114	048-2796197



CONVERTER

TYPE	ARTICLE NUMBER(S)
21 W	002-90766

Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

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



Electrical accessories

THROUGH WIRING CONNECTION BOX

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



Optional electrical accessories

DIN RAIL POWER SUPPLY

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



DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
DALI-2 200-1050 mA 2 x 42W	36-88-59	005-6121030



SASSO 100 round adjustable trimless soft acoustic ceiling

048-2720914F 048-2796197 002-90766



Project / Type

Notes

Count / Date

Optical accessories

HONEYCOMB LOUVER

COLOUR
jet black

Ø (MM)
50

ARTICLE NUMBER(S)
007-1965598

