

SASSO 60 round downlight trimless soft acoustic ceiling

048-2602114M 048-2696197 002-90742



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed _____

rotation 360° _____

matt silver _____

Signal white _____

front IP44 , back IP20 _____

940 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 98 , R_f: 90 , R₍₁₋₁₅₎: 88 _____

MR 0.8 _____

MDER 0.72 _____

Optical

medium _____

beam angle 21° _____

UGR < 16 , ≥65° <1500 cd/m² _____

PstLM ≤ 1.0 ¹ _____

SVM ≤ 0.4 ¹ _____

Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; round installation housing; Signal white; 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 4000 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 21° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Electrical

non DIM _____

system 10.0 W _____

inset 8.5 W _____

36 Vf _____

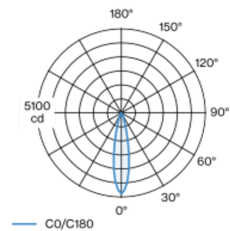
250 mA _____

PC2 220-240V _____

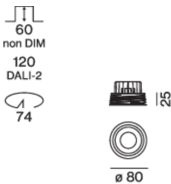
system 94 lm/W² _____

inset 110 lm/W³ _____

Light distribution



Product drawing



Physical

trimless for acoustic ceiling _____

diameter 80 mm _____

height 48 mm _____

0.22 kg _____

Cutout

diameter 74 mm _____

min. ceiling thickness 25 mm _____

max. ceiling thickness 40 mm _____

recessed depth 60 mm _____

¹ Value of containing product at full load (undimmed)

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

³ incl. optical losses

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 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	57
B13	75
B16	92
B20	115
C10	57
C13	75
C16	92
C20	115

Components

MOUNTING SET trimless for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
signal white for acoustic ceilings	80	048-2696197



POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
10 W	65-39-20	002-90742



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

