

SASSO 60 round downlight trimless soft acoustic ceiling

048-2602E14M 048-2696198 002-90762



Project / Type _____

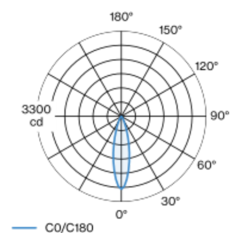
Notes _____

Count / Date _____

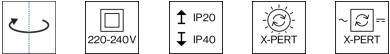
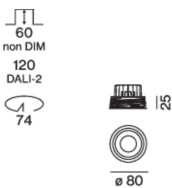


Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; round installation housing; Traffic black; for trimless installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 26° beam; UGR ≤ 19 ; degree of protection from below IP40 (from above IP20); PC2 220-240V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Recessed _____
rotation 360° _____
matt silver _____
Traffic black _____
front IP40 , back IP20 _____
793 lm _____

LED

colour warm dimming _____
1800 K - 3000 K _____
CRI ≥ 90 _____
L85 / 50000 h _____
initial MacAdam ≤ 3 SDCM _____
R_g: 101, R_r: 94, R_{t(1-5)}: 96 _____
MR 0.64 _____
MDER 0.58 _____

Optical

medium _____
beam angle 26° _____
UGR < 19 _____
PstLM ≤ 1.0 ¹ _____
SVM ≤ 0.4 ¹ _____

Electrical

DALI-2 _____
system 12.0 W _____
inset 10.2 W _____
300 mA _____
PC2 220-240V _____
system 66 lm/W² _____
inset 78 lm/W³ _____
1 DALI Addr. _____

Physical

trimless for acoustic ceiling _____
diameter 80 mm _____
height 48 mm _____
0.28 kg _____

Cutout

diameter 74 mm _____
min. ceiling thickness 25 mm _____
max. ceiling thickness 40 mm _____
recessed depth 120 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



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Installation
instructions



Lighting
calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.94	0.91	0.89	0.86
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	18
B16	30
C10	23
C16	36

Components

MOUNTING SET trimless for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic black for acoustic ceilings	80	048-2696198



CONVERTER

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
28 W	143·43·30	002-90762

