

SASSO 100 round downlight

trim 2 lamps

048-2700E14M 048-279831G 002-90776



Project / Type	
Notes	
Count / Date	



General

Ceiling , Recessed	
matt silver	
Mounting set silver-grey	
front IP40 , back IP20	
4040 lm	

LED

colour warm dimming	
1800 K - 3000 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R _g : 100 , R _f : 89 , R _{f(1-15)} : 89	
MR 0.56	
MDER 0.51	

Optical

medium	
beam angle 34°	
PstLM ≤ 1.0 ¹	
SVM ≤ 0.4 ¹	

Electrical

DALI-2	
56 W	
total insets 48 W	
PC2 220-240V	
72 lm/W	
1 DALI Addr.	

Physical

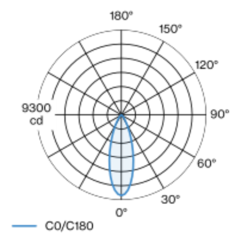
trim	
length 218 mm	
width 118 mm	
height 75 mm	

Cutout

diameter 105 mm	
length 205 mm	
min. ceiling thickness 2 mm	
max. ceiling thickness 25 mm	
recessed depth 100 mm	

¹ Value of containing product at full load (undimmed)

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	0.97	0.95	0.93	0.91	0.89
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 with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	white aluminium	218-118-35	048-279831G



CONVERTER

L-W-H (MM)	ARTICLE NUMBER(S)
147-44-30	002-90776



Mounting 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

