

SASSO 100 round downlight

trim 2 lamps

048-2700E14W 048-2798318 002-90776



Project / Type	
Notes	
Count / Date	



↑ IP20 ↓ IP40	220-240V	X-PERT	X-PERT
------------------	----------	--------	--------

General

Ceiling , Recessed
matt silver
Mounting set jet black
front IP40 , back IP20
4520 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(1-5)} : 89
MR 0.56
MDER 0.51

Optical

wide flood
beam angle 51°
PstLM ≤ 1.0 ¹
SVM ≤ 0.4 ¹

Electrical

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

Physical

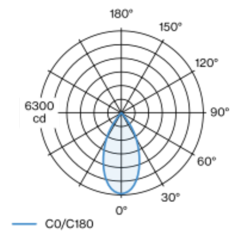
trim
length 218 mm
width 118 mm
height 75 mm

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



SASSO 100 round downlight

trim 2 lamps

048-2700E14W 048-2798318 002-90776



Project / Type

Notes

Count / Date

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	jet black	218-118-35	048-2798318



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

