

SASSO 100 round downlight

trim 2 lamps

048-2700114W 048-2798317 002-90780



Project / Type _____

Notes _____

Count / Date _____



220-240V

IP20
IP44

X-PERT

X-PERT

General

Ceiling , Recessed

matt silver

Mounting set traffic white

front IP44 , back IP20

4980 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_r: 90 , R_{t(1-15)}: 88

MR 0.8

MDER 0.72

Optical

wide flood

beam angle 65°

≥65° <1500 cd/m²

Electrical

non DIM

system 52 W

inset 22.7 W

36 Vf

650 mA

total insets 45 W

PC2 220-240V

system 96 lm/W¹

inset 110 lm/W²

Physical

trim

length 218 mm

width 118 mm

height 75 mm

0.56 kg

Cutout

diameter 105 mm

length 205 mm

width 105 mm

min. ceiling thickness 2 mm

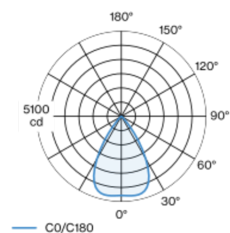
max. ceiling thickness 25 mm

recessed depth 100 mm

¹ incl. optical losses and the efficiency of the operating device (converter)

² incl. optical losses

Light distribution



Product drawing



Installation instructions



Lighting calculator



SASSO 100 round downlight

trim 2 lamps

048-2700114W 048-2798317 002-90780



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		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	33
B16	53
B20	67
B25	83
C10	40
C16	64
C20	80
C25	100

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	218-118-35	048-2798317



CONVERTER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
31 W	143-43-30	002-90780



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



Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	50	007-1965598

