

# SASSO 100 round downlight

trim 2 lamps

048-2700114M 048-279831G 002-90780



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



220-240V

IP20  
IP44

X-PERT

X-PERT

### General

Ceiling , Recessed

matt silver

Mounting set white aluminium

front IP44 , back IP20

4320 lm

### LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 98 , R<sub>r</sub>: 90 , R<sub>t(1-15)</sub>: 88

MR 0.8

MDER 0.72

### Optical

medium

beam angle 33°

UGR < 16 , ≥65° <3000 cd/m²

### Electrical

non DIM

system 52 W

inset 22.7 W

36 Vf

650 mA

total insets 45 W

PC2 220-240V

system 83 lm/W<sup>1</sup>

inset 95 lm/W<sup>2</sup>

### Physical

trim

length 218 mm

width 118 mm

height 75 mm

0.56 kg

### Cutout

diameter 105 mm

length 205 mm

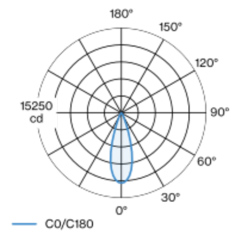
width 105 mm

min. ceiling thickness 2 mm

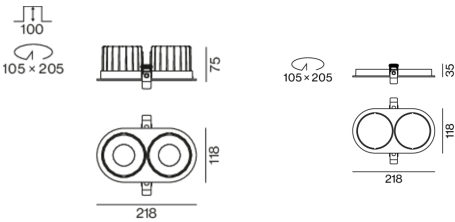
max. ceiling thickness 25 mm

recessed depth 100 mm

### Light distribution



### Product drawing



<sup>1</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>2</sup> 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 <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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	white aluminium	218-118-35	048-279831G



### 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

