

# SASSO 100 round adjustable

trim

048-2720114F 048-2796318 002-90780



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Recessed
tilt max 30°
rotation 360°
matt silver
Mounting set jet black
front IP40 , back IP20
2420 lm
fixture 107 lm/W <sup>1</sup>

## 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

flood
beam angle 45°
UGR ≤ 16 , ≥65° <3000 cd/m <sup>2</sup>

## Electrical

non DIM
220-240 V
system 26.7 W
fixture 22.7 W
36 Vf
650 mA
PC2

## Physical

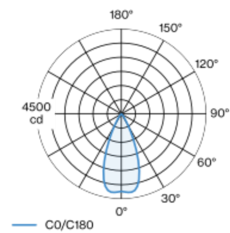
trim
diameter 118 mm
height 95 mm
0.4 kg

## Cutout

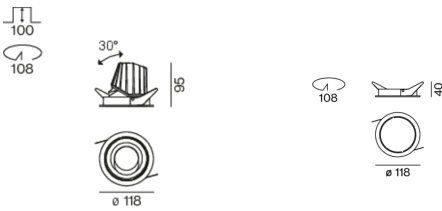
diameter 108 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 100 mm

<sup>1</sup> incl. consideration of optical losses & internal control unit losses

## 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	0.964	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 Factor		

<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 1 lamp

TYPE for intermediate ceilings	COLOUR jet black	Ø (MM) 118	ARTICLE NUMBER(S) 048-2796318
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### CONVERTER

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

### PRIMED CONCRETE MOUNTING HOUSING

COLOUR white aluminium	L·W·H (MM) 614·307·120	ARTICLE NUMBER(S) 048-2695110
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## Optional electrical accessories

### DIN RAIL POWER SUPPLY

TYPE 160 W	L·W·H (MM) 72·90·63	ARTICLE NUMBER(S) 005-6520210
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### DIN RAIL LED DRIVER

TYPE DALI-2   200-1050 mA   2 x 42W	L·W·H (MM) 36·88·59	ARTICLE NUMBER(S) 005-6121030
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### POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box   DALI-2	002-90767A
with junktion box   DALI-2	002-90789A
with junktion box   DALI-2	002-90776A
with junktion box   non DIM	002-90766A
with junktion box   non DIM	002-90780A
with junktion box   non DIM	002-90774A

## Electrical accessories

### THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2531110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2551110



## Optical accessories

### HONEYCOMB LOUVER

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

