

# SASSO 100 round adjustable trim soft acoustic ceiling

048-2720119F 048-2796398 002-90766



Project / Type
Notes
Count / Date



--	--	--	--	--

## General

Ceiling   Recessed
tilt max 30°
rotation 360°
gold   RAL 260-M <sup>1</sup>
Mounting set jet black
front IP40   back IP20
1640 lm
fixture 108 lm/W <sup>2</sup>

## LED

4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R <sub>g</sub> : 98   R <sub>f</sub> : 90   R <sub>t-15</sub> : 88
MR 0.8   MDER 0.72

## Optical

flood   beam angle 39°
UGR ≤ 16   ≥65° <1500 cd/m <sup>2</sup>
PstLM ≤ 1.0 <sup>3</sup>   SVM ≤ 0.4 <sup>3</sup>

## Electrical

non DIM
PC2   220-240 V
system 17.9 W   fixture 15.2 W
36 Vf   450 mA

## Physical

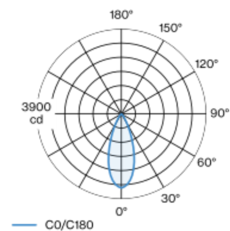
with trim for acoustic ceiling
diameter 114 mm   height 95 mm
1.44 kg

## Cutout

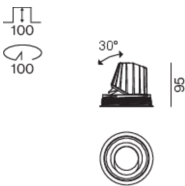
diameter 100 mm
min. ceiling thickness 25 mm   max. ceiling thickness 40 mm
recessed depth 100 mm

Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim jet black; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 39° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; degree of protection from below IP40 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



# SASSO 100 round adjustable trim soft acoustic ceiling

048-2720119F 048-2796398 002-90766



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 <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	22
B16	36
C10	37
C16	60

## Components

### MOUNTING SET trim for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	114	048-2796398

### POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
143-43-30	002-90766

## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
white aluminium	614-307-120	048-2695110



## Mounting accessories

### MOUNTING TOOL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic black	104-104-35	048-2795910



## Optional electrical accessories

### DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
72-90-63	005-6520210



### DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
200 - 1050 mA   2 x 42W	36-88-59	005-6121030



# SASSO 100 round adjustable trim soft acoustic ceiling

048-2720119F 048-2796398 002-90766



Project / Type

Notes

Count / Date

## Optional electrical accessories

### POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box	002-90767A
with junktion box	002-90789A
with junktion box	002-90776A
with junktion box	002-90766A
with junktion box	002-90780A
with junktion box	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

