

# SASSO PRO 100

## adjustable offset trim round

048-2412518W 052-1932447



Project / Type

Notes

Count / Date



### General

Ceiling | Recessed

tilt max 35°

rotation 360°

black | RAL 9005 <sup>1</sup>

Mounting set traffic white

IP20

2090 lm

### LED

3000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 100 | R<sub>f</sub>: 89 | R<sub>(1-15)</sub>: 89

MR 0.56 | MDER 0.51

### Optical

wide flood | beam angle 57°

≥65° <3000 cd/m<sup>2</sup>

PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

### Electrical

non DIM

PC2 | 220-240 V

system 27.0 W

system 77 lm/W <sup>3</sup>

### Physical

trim

diameter 112 mm | height 106 mm

0.59 kg

### Cutout

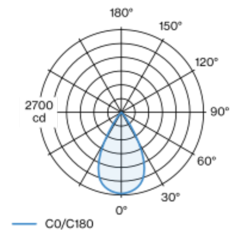
diameter 108 mm

min. ceiling thickness 5 mm | max. ceiling thickness 25 mm

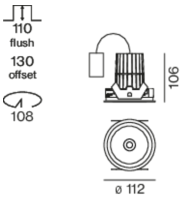
recessed depth 130 mm

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

### 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	0.96	0.94	0.91	0.89	0.86
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	20
B16	32
C10	33
C16	53

### Components

#### MOUNTING SET with trim

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
round offset 17 mm	traffic white	112	052-1932447



#### Mounting 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



#### Mounting accessories

##### PRIMED CONCRETE MOUNTING HOUSING

L-W-H (MM)	ARTICLE NUMBER(S)
240-400-130	052-1914420



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### Optical accessories

#### HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2191317
jet black	74	048-2191318



#### LINEAR PRISMATIC LENS

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2192317
jet black	74	048-2192318



#### SNOOT

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2191117
jet black	74	048-2191118



#### SNOOT WITH HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2191217
jet black	74	048-2191218

