

# SASSO PRO 100

## adjustable offset trim round

048-2412517M 052-1932448



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

Notes \_\_\_\_\_

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



Round recessed spotlight in die-cast aluminium with recessed luminaire plane; surface white powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim jet black; suitable for ceiling thickness of 5-25 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 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality reflector made of plastic with spherical reflector; aluminium, vapour deposition coated; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 24° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. converter, non dimmable; converter wired secondary side; through wiring connection box, 3-pole or 5-pole, available as an accessory; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	8690	0.43
2	2170	0.87
3	970	1.30
4	540	1.73
5	350	2.17

### Product drawing



### General

Ceiling , Recessed  
tilt max 35°  
rotation 360°  
white , RAL9016 <sup>1</sup>  
Mounting set jet black  
IP20  
2270 lm

### LED

3000 K  
CRI  $\geq 90$   
L85 / 50000 h  
initial MacAdam  $\leq 3$  SDCM  
R<sub>g</sub>: 100 , R<sub>f</sub>: 89 , R<sub>f(1-15)</sub>: 89  
MR 0.56  
MDER 0.51

### Optical

medium  
beam angle 24°  
P<sub>stLM</sub>  $\leq 1.0$  <sup>2</sup>  
SVM  $\leq 0.4$  <sup>2</sup>

### Electrical

non DIM  
27.0 W  
PC2 220-240V  
84 lm/W

### 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)

### Installation instructions



### Lighting calculator



# SASSO PRO 100

## adjustable offset trim round

048-2412517M 052-1932448



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

Notes \_\_\_\_\_

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

### 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 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	20
B16	32
C10	33
C16	53

### Components

#### MOUNTING SET

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
round offset 17 mm	jet black	112	052-1932448



### Mounting 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



### Mounting accessories

#### PRIMED CONCRETE MOUNTING HOUSING

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



# SASSO PRO 100

## adjustable offset trim round

048-2412517M 052-1932448



Project / Type

Notes

Count / Date

### 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

