

# SASSO PRO 100

## adjustable offset trim round

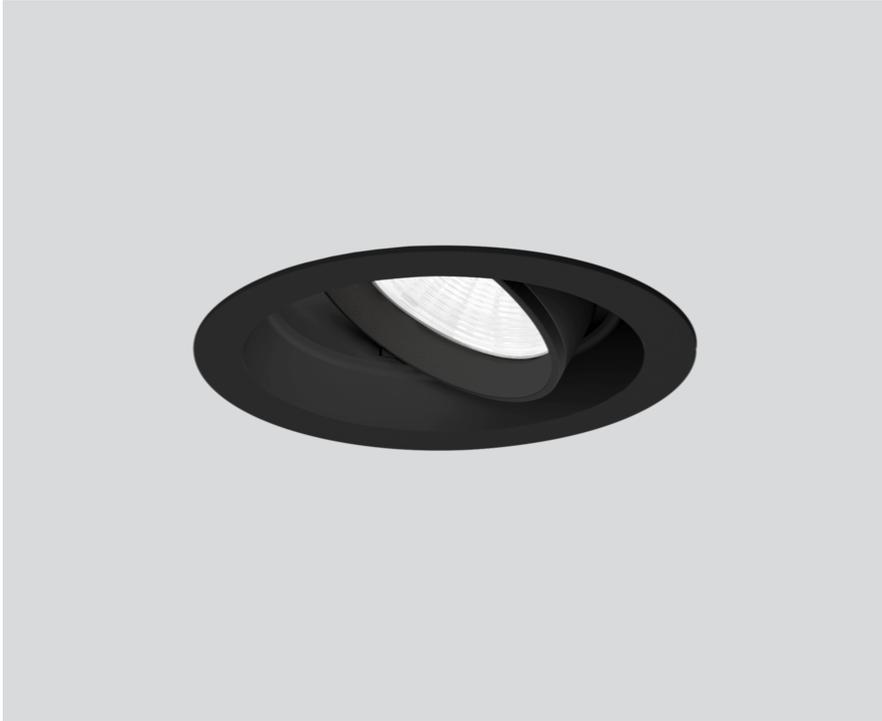
048-2412538S 052-1932448



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

Notes \_\_\_\_\_

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



### General

Ceiling , Recessed  
 tilt max 35°  
 rotation 360°  
 black , RAL9005 <sup>1</sup>  
 Mounting set jet black  
 IP20  
 2230 lm

### LED

3000 K  
 CRI ≥ 90  
 L85 / 50000 h  
 initial MacAdam ≤ 3 SDCM  
 R<sub>g</sub>: 100 , R<sub>r</sub>: 89 , R<sub>(1-15)</sub>: 89  
 MR 0.56  
 MDER 0.51

### Optical

spot  
 beam angle 17°  
 P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>  
 SVM ≤ 0.4 <sup>2</sup>

### Electrical

DALI-2  
 27.0 W  
 PC2 220-240V  
 83 lm/W  
 1 DALI Addr.

### Physical

trim  
 diameter 112 mm  
 height 106 mm  
 0.59 kg

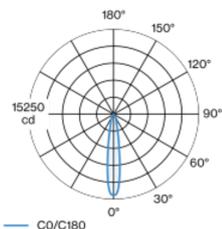
### Cutout

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)

Round recessed spotlight in die-cast aluminium with recessed luminaire plane; surface black 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 ≤ 3 SDCM; CRI ≥ 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 17° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. DALI-2 converter; 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;

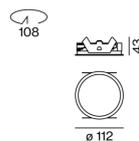
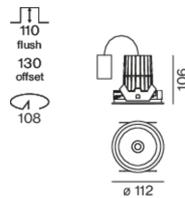
### Light distribution



spot 17°

h (m)	E0° (lx)	ø (m)
1	14500	0.29
2	3600	0.59
3	1600	0.88
4	900	1.18
5	600	1.47

### Product drawing



### Installation instructions



### Lighting calculator



# SASSO PRO 100

## adjustable offset trim round

048-2412538S 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	18
B16	30
C10	23
C16	36

### 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

048-2412538S 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

