

# SASSO PRO 100

## adjustable flush trim square

048-2412418S 052-1942418



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

Notes \_\_\_\_\_

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



**General**

Ceiling , Recessed \_\_\_\_\_

tilt max 35° \_\_\_\_\_

rotation 360° \_\_\_\_\_

black , RAL9005 <sup>1</sup> \_\_\_\_\_

Mounting set jet black \_\_\_\_\_

IP20 \_\_\_\_\_

2130 lm \_\_\_\_\_

**LED**

2700 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>: 86 \_\_\_\_\_

MR 0.49 \_\_\_\_\_

MDER 0.44 \_\_\_\_\_

**Optical**

spot \_\_\_\_\_

beam angle 17° \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

**Electrical**

non DIM \_\_\_\_\_

system 27.0 W \_\_\_\_\_

PC2 220-240V \_\_\_\_\_

system 79 lm/W<sup>3</sup> \_\_\_\_\_

inset 93 lm/W<sup>4</sup> \_\_\_\_\_

**Physical**

trim \_\_\_\_\_

length 112 mm \_\_\_\_\_

width 112 mm \_\_\_\_\_

height 106 mm \_\_\_\_\_

0.62 kg \_\_\_\_\_

**Cutout**

diameter 108 mm \_\_\_\_\_

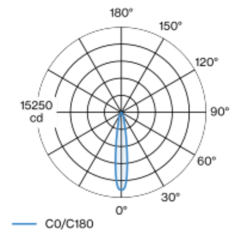
min. ceiling thickness 5 mm \_\_\_\_\_

max. ceiling thickness 25 mm \_\_\_\_\_

recessed depth 110 mm \_\_\_\_\_

Round recessed spotlight in die-cast aluminium; surface black powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; square 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 2700 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. 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;

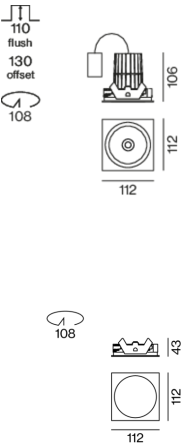
### Light distribution



spot 17°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 13900    | 0.29  |
| 2     | 3500     | 0.59  |
| 3     | 1500     | 0.88  |
| 4     | 900      | 1.18  |
| 5     | 600      | 1.47  |

### Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

### Installation instructions



### Lighting calculator

