# SASSO PRO 100
## adjustable offset trim square

048-2413517F 052-1952417

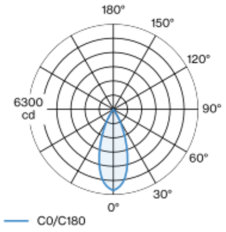
Project / Type

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; square installation housing; with trim traffic white; 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. 90% 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 39° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; 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;

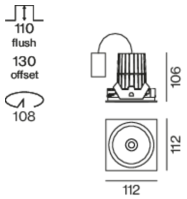
### Light distribution




flood 39°

| h (m) | E0° (lx) | ø (m) |
|---|---|---|
| 1 | 5980 | 0.71 |
| 2 | 1500 | 1.42 |
| 3 | 660 | 2.13 |
| 4 | 370 | 2.84 |
| 5 | 240 | 3.54 |

### Product drawing




### General

Ceiling | Recessed
tilt max 35°
rotation 360°
white | RAL 9016 [1]
Mounting set traffic white
IP20
2810 lm

### LED

3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
$R_g$: 100 | $R_f$: 89 | $R_{f\{1\text{-}15\}}$: 89
MR 0.56 | MDER 0.51

### Optical

flood | beam angle 39°
PstLM ≤ 1.0 [2]| SVM ≤ 0.4 [2]

### Electrical

non DIM
PC2 | 220-240 V
system 27.0 W
system 104 lm/W [3]

### Physical

trim
length 112 mm | width 112 mm | height 106 mm
0.63 kg

### Cutout

diameter 108 mm
min. ceiling thickness 5 mm | max. ceiling thickness 25 mm
recessed depth 130 mm

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

### Installation instructions

### Lighting calculator

['048-2413517F 052-1952417'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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