

# SASSO PRO 100

## adjustable offset trim square

048-2412518F 052-1952418



Project / Type

Notes

Count / Date



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; 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 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 38° 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 38°

h (m)	EO° (lx)	ø (m)
1	4970	0.69
2	1240	1.38
3	550	2.07
4	310	2.76
5	200	3.45

### Product drawing



### General

Ceiling   Recessed
tilt max 35°
rotation 360°
black   RAL 9005 <sup>1</sup>
Mounting set jet black
IP20
2220 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

flood   beam angle 38°
PstLM ≤ 1.0 <sup>2</sup>   SVM ≤ 0.4 <sup>2</sup>

### Electrical

non DIM
PC2   220-240 V
system 27.0 W
system 82 lm/W <sup>3</sup>

### Physical

trim
length 112 mm   width 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

### Installation instructions



### Lighting calculator

