

# SASSO PRO 100

## adjustable offset trim round

048-2411E38F 052-1932447



Project / Type

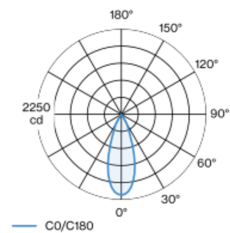
Notes

Count / Date



Round recessed spotlight in die-cast aluminium with recessed luminaire plane; surface jet 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 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; CWD (Colour Warm Dimming) of 2000K - 3000K; binning initial MacAdam  $\leq 4$  SDCM; CRI  $\geq 95$ ; min. 80% 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 36° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; converter wired secondary side; with colour warm dimming a step-less change of colour temperature occurs simultaneously with a reduction in light intensity; similar to the dimming characteristic of an incandescent lamp; reducing the illuminance enables a very warm tone; 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;

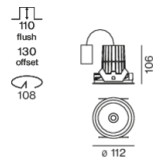
### Light distribution



flood 36°

h (m)	E0° (lx)	ø (m)
1	2120	0.65
2	530	1.31
3	240	1.96
4	130	2.61
5	80	3.27

### Product drawing



### General

Ceiling   Recessed
tilt max 35°
rotation 360°
jet black   RAL 9005
Mounting set traffic white
IP20
853 lm

### LED

colour warm dimming   2000 K - 3000 K
CRI $\geq 95$
L80 / 50000 h
initial MacAdam $\leq 4$ SDCM
R <sub>g</sub> : 100   R <sub>f</sub> : 91   R <sub>f(1-15)</sub> : 90
MR 0.61   MDER 0.55

### Optical

flood   beam angle 36°
PstLM $\leq 1.0$ <sup>1</sup>   SVM $\leq 0.4$ <sup>1</sup>

### Electrical

DALI-2   1 DALI Addr.
PC2   220-240 V
system 14.9 W
system 57 lm/W <sup>2</sup>

### 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> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### Installation instructions



### Lighting calculator

