

# SASSO PRO 100

## adjustable

flush trimless

048-2412537F 052-1921447

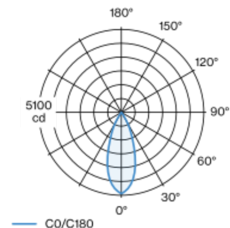


Project / Type	
Notes	
Count / Date	



Round recessed spotlight in die-cast aluminium; surface white powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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 220-240V; 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;

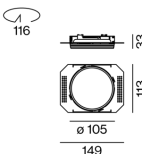
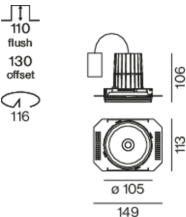
### Light distribution



flood 38°

h (m)	E0° (lx)	ø (m)
1	5000	0.69
2	1250	1.38
3	560	2.07
4	310	2.76
5	200	3.45

### Product drawing



### General

Ceiling , Recessed	
tilt max 35°	
rotation 360°	
white , RAL9016 <sup>1</sup>	
Mounting set traffic white	
IP20	
2280 lm	

### LED

3000 K	
CRI $\geq 90$	
L85 / 50000 h	
initial MacAdam $\leq 3$ SDCM	
R <sub>g</sub> : 100 , R <sub>f</sub> : 89 , R <sub>f(1-15)</sub> : 89	
MR 0.56	
MDER 0.51	

### Optical

flood	
beam angle 38°	
PstLM $\leq 1.0$ <sup>2</sup>	
SVM $\leq 0.4$ <sup>2</sup>	

### Electrical

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

### Physical

trimless	
diameter 105 mm	
height 106 mm	
1.7 kg	

### Cutout

diameter 116 mm	
min. ceiling thickness 12.5 mm	
max. ceiling thickness 25 mm	
recessed depth 110 mm	

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

### Installation instructions



### Lighting calculator



[048-2412537F 052-1921447] 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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