

# SASSO 100 round downlight trimless soft acoustic ceiling

048-2700217S 048-2796197 002-90780



Project / Type

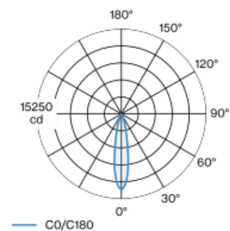
Notes

Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; round installation housing; traffic white; for trimless installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 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 3500 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 20° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



### General

Ceiling   Recessed
white   RAL 9016 <sup>1</sup>
Mounting set traffic white
front IP44   back IP20
2440 lm
fixture 108 lm/W <sup>2</sup>

### LED

3500 K
CRI $\geq 90$
L80 / 50000 h
initial MacAdam $\leq 2$ SDCM
R <sub>g</sub> : 99   R <sub>f</sub> : 90   R <sub>t(1-15)</sub> : 89
MR 0.7   MDER 0.64

### Optical

spot   beam angle 20°
UGR $\leq 16$   $\geq 65^\circ$ $< 1500$ cd/m <sup>2</sup>

### Electrical

non DIM
PC2   220-240 V
system 26.7 W   fixture 22.7 W
36 Vf   650 mA

### Physical

trimless for acoustic ceiling
diameter 114 mm   height 75 mm
0.54 kg

### Cutout

diameter 100 mm
min. ceiling thickness 25 mm   max. ceiling thickness 40 mm
recessed depth 80 mm

<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses

### Installation instructions



### Lighting calculator

