

# SASSO 100 round adjustable trimless soft acoustic ceiling

048-2720011M 048-2796197 002-90767



Project / Type \_\_\_\_\_  
 Notes \_\_\_\_\_  
 Count / Date \_\_\_\_\_



## General

Ceiling , Recessed \_\_\_\_\_  
 tilt max 30° \_\_\_\_\_  
 rotation 360° \_\_\_\_\_  
 black , RAL9005 <sup>1</sup> \_\_\_\_\_  
 Mounting set signal white for acoustic ceilings \_\_\_\_\_  
 front IP40 , back IP20 \_\_\_\_\_  
 1420 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_  
 CRI ≥ 90 \_\_\_\_\_  
 L80 / 50000 h \_\_\_\_\_  
 initial MacAdam ≤ 2 SDCM \_\_\_\_\_  
 R<sub>g</sub>: 99 , R<sub>r</sub>: 90 , R<sub>t(1-15)</sub>: 87 \_\_\_\_\_  
 MR 0.6 \_\_\_\_\_  
 MDER 0.54 \_\_\_\_\_

## Optical

medium \_\_\_\_\_  
 beam angle 33° \_\_\_\_\_  
 UGR < 13 , ≥65° <1500 cd/m<sup>2</sup> \_\_\_\_\_  
 PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_  
 SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_  
 220-240 V \_\_\_\_\_  
 system 17.9 W \_\_\_\_\_  
 inset 15.2 W \_\_\_\_\_  
 36 Vf \_\_\_\_\_  
 450 mA \_\_\_\_\_  
 PC2 \_\_\_\_\_  
 system 79 lm/W<sup>3</sup> \_\_\_\_\_  
 inset 93 lm/W<sup>3</sup> \_\_\_\_\_  
 1 DALI Addr. \_\_\_\_\_

## Physical

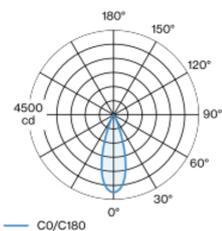
trimless for acoustic ceiling \_\_\_\_\_  
 diameter 114 mm \_\_\_\_\_  
 height 95 mm \_\_\_\_\_  
 0.53 kg \_\_\_\_\_

## Cutout

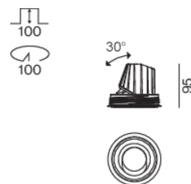
diameter 100 mm \_\_\_\_\_  
 min. ceiling thickness 25 mm \_\_\_\_\_  
 max. ceiling thickness 40 mm \_\_\_\_\_  
 recessed depth 100 mm \_\_\_\_\_

Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; signal white for acoustic ceilings; 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 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 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 33° beam; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; degree of protection from below IP40 (from above IP20); PC2; incl. DALI-2 converter; 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

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**Installation  
instructions**



**Lighting  
calculator**

