

# SASSO 100 round downlight trim soft acoustic ceiling

048-2700E17W 048-2796397 002-90776



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



**General**

Ceiling , Recessed \_\_\_\_\_

white , RAL9016 <sup>1</sup> \_\_\_\_\_

Signal white \_\_\_\_\_

front IP40 , back IP20 \_\_\_\_\_

2240 lm \_\_\_\_\_

**LED**

colour warm dimming \_\_\_\_\_

1800 K - 3000 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

R<sub>g</sub>: 100 , R<sub>f</sub>: 89 , R<sub>f(1-5)</sub>: 89 \_\_\_\_\_

MR 0.56 \_\_\_\_\_

MDER 0.51 \_\_\_\_\_

**Optical**

wide flood \_\_\_\_\_

beam angle 51° \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

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; with trim Signal white; for 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; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 51° beam; degree of protection from below IP40 (from above IP20); PC2 220-240V; 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;

**Electrical**

DALI-2 \_\_\_\_\_

system 28.0 W \_\_\_\_\_

inset 23.8 W \_\_\_\_\_

700 mA \_\_\_\_\_

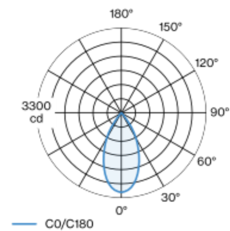
PC2 220-240V \_\_\_\_\_

system 80 lm/W<sup>3</sup> \_\_\_\_\_

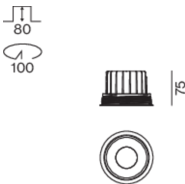
inset 94 lm/W<sup>4</sup> \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

## Light distribution



## Product drawing



**Physical**

with trim for acoustic ceiling \_\_\_\_\_

diameter 114 mm \_\_\_\_\_

height 75 mm \_\_\_\_\_

0.49 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> Value of containing product at full load (undimmed)

<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>4</sup> incl. optical losses

### Installation instructions

### Lighting calculator

