

# SASSO 100 round downlight trim soft acoustic ceiling

048-2700914S 048-2796397 002-90767



Project / Type	
Notes	
Count / Date	



220-240V	IP20 IP44	X-PERT	X-PERT
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**General**

Ceiling , Recessed
matt silver
Signal white
front IP44 , back IP20
1440 lm

**LED**

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R <sub>g</sub> : 97 , R <sub>f</sub> : 91 , R <sub>f(1-15)</sub> : 87
MR 0.52
MDER 0.47

**Optical**

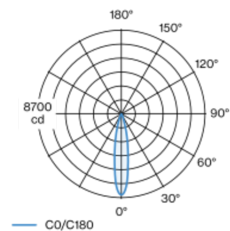
spot
beam angle 19°
UGR < 13 , ≥65° <3000 cd/m <sup>2</sup>
PstLM ≤ 1.0 <sup>1</sup>
SVM ≤ 0.4 <sup>1</sup>

Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; 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; light colour 2700 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 19° beam; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m<sup>2</sup>; degree of protection from below IP44 (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;

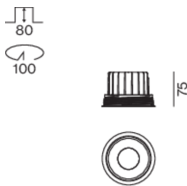
**Electrical**

DALI-2
system 17.9 W
inset 15.2 W
36 Vf
450 mA
PC2 220-240V
system 80 lm/W <sup>2</sup>
inset 94 lm/W <sup>3</sup>
1 DALI Addr.

## Light distribution



## Product drawing



**Physical**

with trim for acoustic ceiling
diameter 114 mm
height 75 mm
0.5 kg

**Cutout**

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

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

### Installation instructions

### Lighting calculator