

# SASSO 100 round downlight trim soft acoustic ceiling

048-2700914M 048-2796398 002-90767



Project / Type

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Notes

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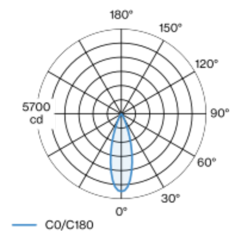
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Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim jet black; for installation in soft acoustic ceilings; 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  $\leq 2$  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 31° beam; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; 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



## General

Ceiling | Recessed

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matt silver

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Mounting set jet black

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front IP44 | back IP20

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1730 lm

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fixture 114 lm/W <sup>1</sup>

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## LED

2700 K

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CRI  $\geq 90$

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L80 / 50000 h

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initial MacAdam  $\leq 2$  SDCM

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R<sub>g</sub>: 97 | R<sub>f</sub>: 91 | R<sub>(1-15)</sub>: 87

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MR 0.52 | MDER 0.47

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## Optical

medium | beam angle 31°

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UGR  $\leq 13$  |  $\geq 65^\circ$   $< 3000$  cd/m<sup>2</sup>

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PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

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## Electrical

DALI-2 | 1 DALI Addr.

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PC2 | 220-240 V

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system 17.9 W | fixture 15.2 W

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36 Vf | 450 mA

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## Physical

with trim for acoustic ceiling

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diameter 114 mm | height 75 mm

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0.61 kg

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## Cutout

diameter 100 mm

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min. ceiling thickness 25 mm | max. ceiling thickness 40 mm

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recessed depth 80 mm

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<sup>1</sup> incl. consideration of optical losses & internal control unit losses  
<sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator

