

# SASSO 100 round downlight trim soft acoustic ceiling

048-2700014S 048-2796398 002-90766



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

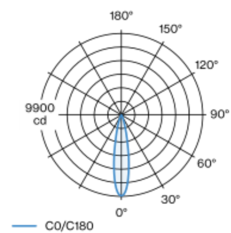
Notes \_\_\_\_\_

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



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 3000 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  $\leq 13$ ; 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 \_\_\_\_\_

matt silver \_\_\_\_\_

Mounting set jet black \_\_\_\_\_

front IP44 | back IP20 \_\_\_\_\_

1680 lm \_\_\_\_\_

fixture 111 lm/W <sup>1</sup> \_\_\_\_\_

## LED

3000 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-15</sub>: 87 \_\_\_\_\_

MR 0.6 | MDER 0.54 \_\_\_\_\_

## Optical

spot | beam angle 20° \_\_\_\_\_

UGR  $\leq 13$  \_\_\_\_\_

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

## Electrical

non DIM \_\_\_\_\_

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

system 17.9 W | fixture 15.2 W \_\_\_\_\_

36 Vf | 450 mA \_\_\_\_\_

## Physical

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

diameter 114 mm | height 75 mm \_\_\_\_\_

1.44 kg \_\_\_\_\_

## Cutout

diameter 100 mm \_\_\_\_\_

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

recessed depth 80 mm \_\_\_\_\_

<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

