

SASSO 100 round downlight trim soft acoustic ceiling

048-2700114F 048-2796397 002-90780



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

matt silver

Signal white

front IP44 , back IP20

2420 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_r: 90 , R_{t(1-15)}: 88

MR 0.8

MDER 0.72

Optical

flood

beam angle 44°

UGR < 16 , $\geq 65^\circ$ < 3000 cd/m²

Electrical

non DIM

system 26.7 W

inset 22.7 W

36 Vf

650 mA

PC2 220-240V

system 91 lm/W¹

inset 107 lm/W²

Physical

with trim for acoustic ceiling

diameter 114 mm

height 75 mm

0.45 kg

Cutout

diameter 100 mm

min. ceiling thickness 25 mm

max. ceiling thickness 40 mm

recessed depth 80 mm

¹ incl. optical losses and the efficiency of the operating device (converter)

² incl. optical losses

Installation instructions

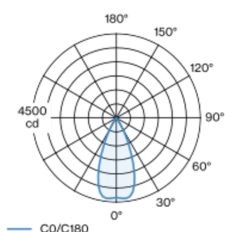


Lighting calculator



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 4000 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 44° beam; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection from below IP44 (from above IP20); PC2 220-240V; 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

