

SASSO 100 square downlight

trimless

048-2710114M 048-2797117 002-90780



Project / Type

Notes

Count / Date



General

Ceiling | Recessed

matt silver

Mounting set traffic white

front IP44 | back IP20

2650 lm

fixture 117 lm/W ¹

LED

4000 K

CRI \geq 90

L80 / 50000 h

initial MacAdam \leq 2 SDCM

R_g: 98 | R_f: 90 | R_{t(1-15)}: 88

MR 0.8 | MDER 0.72

Optical

medium | beam angle 31°

UGR \leq 16 | \geq 65° < 3000 cd/m²

Electrical

non DIM

PC2 | 220-240 V

system 26.7 W | fixture 22.7 W

36 Vf | 650 mA

Physical

trimless

length 105 mm | width 105 mm | height 75 mm

0.47 kg

Cutout

length 106 mm | width 106 mm

min. ceiling thickness 12.5 mm | max. ceiling
thickness 25 mm

recessed depth 80 mm

¹ incl. consideration of optical losses & internal control unit
losses

Installation instructions

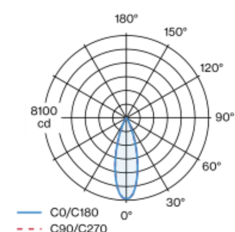


Lighting calculator



Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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 \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 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° \leq 3000 cd/m²; 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

