

SASSO 100 square downlight

trimless

048-2710911F 048-2797117 002-90767



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

black , RAL9005 ¹

Mounting set traffic white

front IP44 , back IP20

1570 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_f: 91 , R_{f(1-15)}: 87

MR 0.52

MDER 0.47

Optical

flood

beam angle 45°

UGR < 16 , ≥65° <1500 cd/m²

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

17.9 W

inset 15.2 W

36 Vf

450 mA

PC2 220-240V

88 lm/W

inset 103 lm/W

1 DALI Addr.

Physical

trimless

length 105 mm

width 105 mm

height 75 mm

0.52 kg

Cutout

length 106 mm

width 106 mm

min. ceiling thickness 12.5 mm

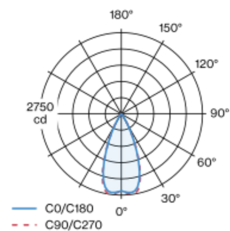
max. ceiling thickness 25 mm

recessed depth 80 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; 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 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 45° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; 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;

Light distribution



Product drawing



Installation instructions



Lighting calculator

