

SASSO 100 square downlight

trim

048-2710214M 048-2797318 002-90766

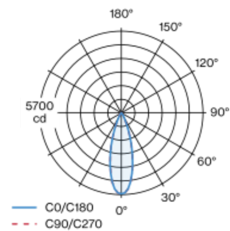


Project / Type
Notes
Count / Date



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; with trim jet black; suitable for ceiling thickness of 2-25 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 3500 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 31° beam; UGR ≤ 13 ; 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; 220-240 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
1880 lm
fixture 124 lm/W ¹

LED

3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 99 R _f : 90 R _{t(1-15)} : 89
MR 0.7 MDER 0.64

Optical

medium beam angle 31°
UGR ≤ 13 $\geq 65^\circ$ < 3000 cd/m ²
PstLM ≤ 1.0 ² SVM ≤ 0.4 ²

Electrical

non DIM
PC2 220-240 V
system 17.9 W fixture 15.2 W
36 Vf 450 mA

Physical

trim
length 118 mm width 118 mm height 75 mm
1.4 kg

Cutout

length 112 mm width 112 mm
min. ceiling thickness 2 mm max. ceiling thickness 25 mm
recessed depth 80 mm

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

Installation instructions



Lighting calculator

