

SASSO 100 square downlight

trim

048-2710517W 048-2797317 002-90777



Project / Type _____

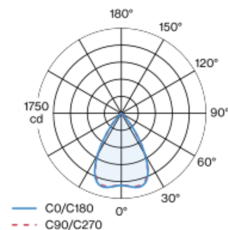
Notes _____

Count / Date _____



Recessed square spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; 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 3000 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 65° beam; 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



↑ IP20
↓ IP44

220-240V

X-PERT

UGR ≤ 22

CRI ≥ 90

X-PERT

General

Ceiling , Recessed
white , RAL9016 ¹
Mounting set traffic white
front IP44 , back IP20
1730 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 100 , R_f: 91 , R_{f(1-15)}: 88
MR 0.59
MDER 0.53

Optical

wide flood
beam angle 65°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

non DIM
20.2 W
inset 17.2 W
36 Vf
500 mA
PC2 220-240V
86 lm/W
inset 101 lm/W

Physical

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

Cutout

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

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

Installation instructions



Lighting calculator



[048-2710517W 048-2797317 002-90777] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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