

SASSO 100 square downlight

trim

048-2710511F 048-279731G 002-90774



Project / Type

Notes

Count / Date



General

Ceiling , Recessed
black , RAL9005 ¹
Mounting set white aluminium
front IP44 , back IP20
2120 lm

LED

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

Optical

flood
beam angle 45°
UGR < 16 , ≥65° <3000 cd/m²
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

non DIM
29.2 W
inset 24.8 W
36 Vf
700 mA
PC2 220-240V
73 lm/W
inset 86 lm/W

Physical

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

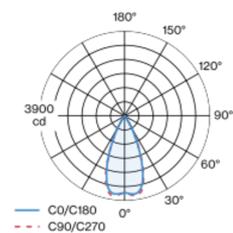
Cutout

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

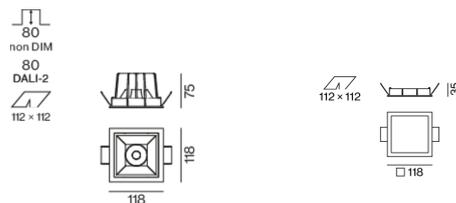
¹ RAL code ² Value of containing product at full load (undimmed)

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; with trim white aluminium; 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 45° 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



Installation instructions



Lighting calculator



[048-2710511F 048-279731G 002-90774] 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

27.09.2024

1 / 1