

SASSO 100 square downlight

trim

048-2710614F 048-279731G 002-90776



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed _____

matt silver _____

Mounting set white aluminium _____

front IP44 , back IP20 _____

2350 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 97 , R_r: 90 , R₍₁₋₁₅₎: 89 _____

MR 0.81 _____

MDER 0.74 _____

Optical

flood _____

beam angle 45° _____

UGR < 16 , $\geq 65^\circ < 3000 \text{ cd/m}^2$ _____

PstLM ≤ 1.0 ¹ _____

SVM ≤ 0.4 ¹ _____

Electrical

DALI-2 _____

29.2 W _____

inset 24.8 W _____

36 Vf _____

700 mA _____

PC2 220-240V _____

80 lm/W _____

inset 95 lm/W _____

1 DALI Addr. _____

Physical

trim _____

length 118 mm _____

width 118 mm _____

height 75 mm _____

0.53 kg _____

Cutout

length 112 mm _____

width 112 mm _____

min. ceiling thickness 2 mm _____

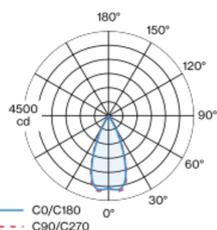
max. ceiling thickness 25 mm _____

recessed depth 80 mm _____

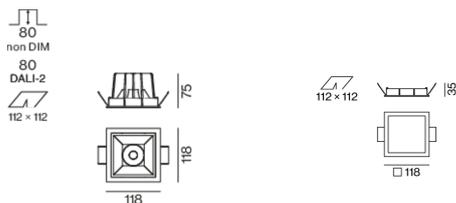
¹ Value of containing product at full load (undimmed)

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 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 4000 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° $\leq 3000 \text{ cd/m}^2$; 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



[048-2710614F 048-279731G 002-90776] 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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