SASSO 100 square downlight

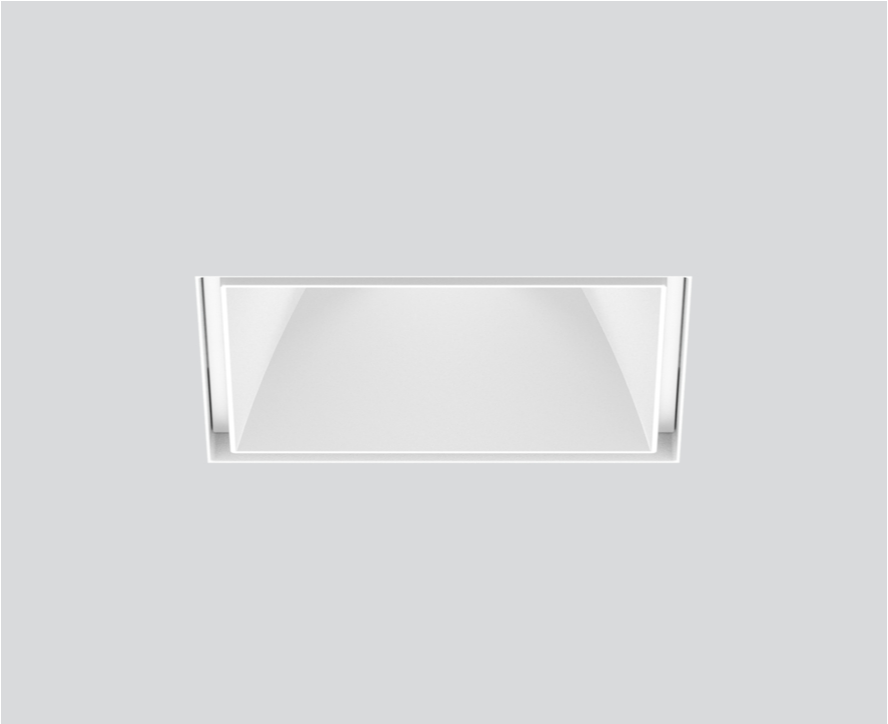
trimless

048-2710517M 048-2797117 002-90777

Project / Type

Notes

Count / Date



IP20 / IP44 · 220-240V · X-PERT · X-PERT

General

Ceiling , Recessed
white , RAL9016 [1]
Mounting set traffic white
front IP44 , back IP20
1550 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 100 , R_f: 91 , R_{f1-15}: 88
MR 0.59
MDER 0.53

Optical

medium
beam angle 34°
UGR < 19
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
77 lm/W

Physical

trimless
length 105 mm
width 105 mm
height 75 mm
0.49 kg

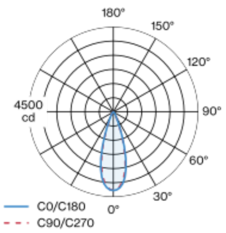
Cutout

length 106 mm
width 106 mm
min. ceiling thickness 12.5 mm
max. ceiling thickness 25 mm
recessed depth 80 mm

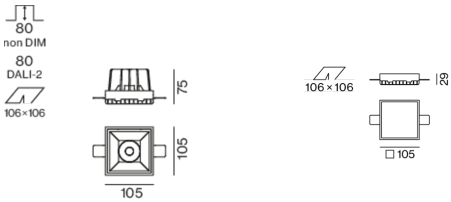
[1] RAL code [2] Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 1 lamp; surface white; 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 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 34° beam; UGR ≤ 19; 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

['048-2710517M 048-2797117 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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