

# SASSO 100 square downlight

trimless

048-2710017W 048-2797117 002-90766



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

white , RAL9016 <sup>1</sup>

Mounting set traffic white

front IP44 , back IP20

1750 lm

## LED

3000 K

CRI  $\geq$  90

L80 / 50000 h

initial MacAdam  $\leq$  2 SDCM

R<sub>g</sub>: 99 , R<sub>r</sub>: 90 , R<sub>t(1-15)</sub>: 87

MR 0.6

MDER 0.54

## Optical

wide flood

beam angle 65°

PstLM  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

non DIM

system 17.9 W

inset 15.2 W

36 Vf

450 mA

PC2 220-240V

system 98 lm/W<sup>3</sup>

inset 115 lm/W<sup>4</sup>

## 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

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>4</sup> incl. optical losses

## Installation instructions

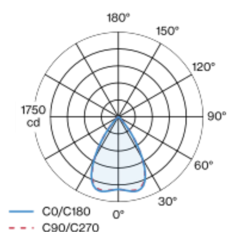


## Lighting calculator

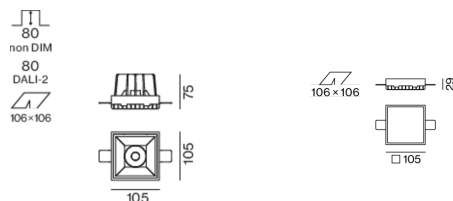


Recessed square spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling of the 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  $\leq$  2 SDCM; CRI  $\geq$  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



[048-2710017W 048-2797117 002-90766] 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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1 / 1