

# SASSO 100 square downlight

trimless

048-2710E14W 048-2797117 002-90776



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

matt silver

Mounting set traffic white

front IP40 , back IP20

2310 lm

## LED

colour warm dimming

1800 K - 3000 K

CRI  $\geq$  90

L90 / 50000 h

initial MacAdam  $\leq$  3 SDCM

R<sub>g</sub>: 100 , R<sub>f</sub>: 89 , R<sub>f(1-15)</sub>: 89

MR 0.56

MDER 0.51

## Optical

wide flood

beam angle 51°

PstLM  $\leq$  1.0 <sup>1</sup>

SVM  $\leq$  0.4 <sup>1</sup>

## Electrical

DALI-2

28.0 W

inset 23.8 W

700 mA

PC2 220-240V

83 lm/W

1 DALI Addr.

## Physical

trimless

length 105 mm

width 105 mm

height 75 mm

0.51 kg

## Cutout

length 106 mm

width 106 mm

min. ceiling thickness 12.5 mm

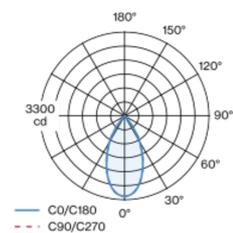
max. ceiling thickness 25 mm

recessed depth 80 mm

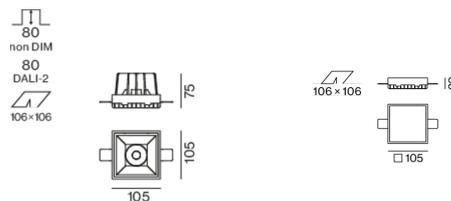
<sup>1</sup> Value of containing product at full load (undimmed)

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; 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; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 51° beam; degree of protection from below IP40 (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



[048-2710E14W 048-2797117 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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