

# SASSO 100 square adjustable

trimless

048-2730911W 048-2797117 002-90780



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

tilt max 30°

black , RAL 9005 <sup>1</sup>

Mounting set traffic white

front IP40 , back IP20

2210 lm

fixture 97 lm/W<sup>2</sup>

## LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 97 , R<sub>r</sub>: 91 , R<sub>f(1-15)</sub>: 87

MR 0.52

MDER 0.47

## Optical

wide flood

beam angle 60°

≥65° <1500 cd/m<sup>2</sup>

## Electrical

non DIM

220-240 V

system 26.7 W

fixture 22.7 W

36 Vf

650 mA

PC2

## Physical

trimless

length 105 mm

width 105 mm

height 95 mm

0.47 kg

## Cutout

length 106 mm

width 106 mm

min. ceiling thickness 12.5 mm

max. ceiling thickness 25 mm

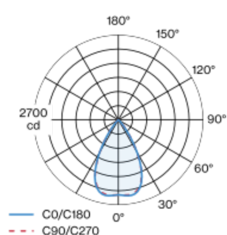
recessed depth 100 mm

<sup>1</sup> RAL code

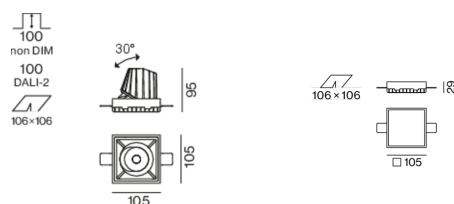
<sup>2</sup> incl. consideration of optical losses & internal control unit losses

Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; 30° tiltable; 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 2700 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 60° beam; degree of protection from below IP40 (from above IP20); PC2; 220-240 V; 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



[048-2730911W 048-2797117 002-90780] 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