

# SASSO 100 round downlight

trimless

048-2700214W 048-2796117 002-90789



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

matt silver

Mounting set traffic white

front IP44 , back IP20

2430 lm

## LED

3500 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>: 89

MR 0.7

MDER 0.64

## Optical

wide flood

beam angle 65°

$\geq 65^\circ < 1500 \text{ cd/m}^2$

PstLM  $\leq 1.0^1$

SVM  $\leq 0.4^1$

## Electrical

DALI-2

system 26.7 W

inset 22.7 W

36 Vf

650 mA

PC2 220-240V

system 91 lm/W<sup>2</sup>

inset 107 lm/W<sup>3</sup>

1 DALI Addr.

## Physical

trimless

diameter 105 mm

height 75 mm

0.52 kg

## Cutout

diameter 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)

<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>3</sup> incl. optical losses

## Installation instructions

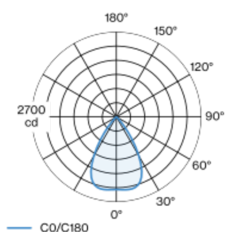


## Lighting calculator

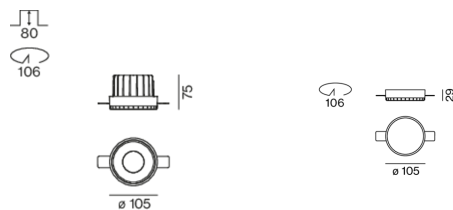


Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 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. 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



[048-2700214W 048-2796117 002-90789] 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  $\pm 10\%$ , those for the electrical connected load are initially subject to a tolerance of  $\pm 10\%$ , and those for the colour temperature are initially subject to a tolerance of  $\pm 150$  K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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