

SASSO 100 round downlight

trimless

048-2700911W 048-2796117 002-90789



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

black , RAL9005 ¹

Mounting set traffic white

front IP44 , back IP20

2190 lm

LED

2700 K

CRI \geq 90

L80 / 50000 h

initial MacAdam \leq 2 SDCM

R_g: 97 , R_f: 91 , R_{f(1-15)}: 87

MR 0.52

MDER 0.47

Optical

wide flood

beam angle 65°

$\geq 65^\circ$ <1500 cd/m²

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

system 26.7 W

inset 22.7 W

36 Vf

650 mA

PC2 220-240V

system 82 lm/W³

inset 96 lm/W⁴

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

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

³ incl. optical losses and the efficiency of the operating device (converter)

⁴ incl. optical losses

Installation instructions

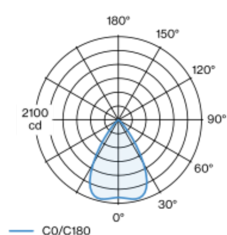


Lighting calculator

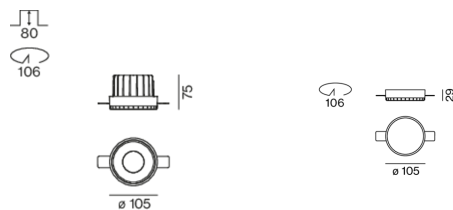


Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 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



[048-2700911W 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 +/- 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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