

SASSO 100 square adjustable

semi-recessed

048-33012114M 002-90766



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 20°

black , RAL 9005 ¹

Inner colour matt silver

IP20

1550 lm

fixture 102 lm/W²

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 , R_r: 90 , R_{t(1-15)}: 89

MR 0.7

MDER 0.64

Optical

medium

beam angle 31°x33°

UGR < 16 , ≥65° <3000 cd/m²

PstLM ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

non DIM

220-240 V

system 17.9 W

fixture 15.2 W

36 Vf

450 mA

PC2

Physical

length 100 mm

width 100 mm

height 115 mm

0.75 kg

Cutout

diameter 80 mm

recessed depth 100 mm

¹ RAL code

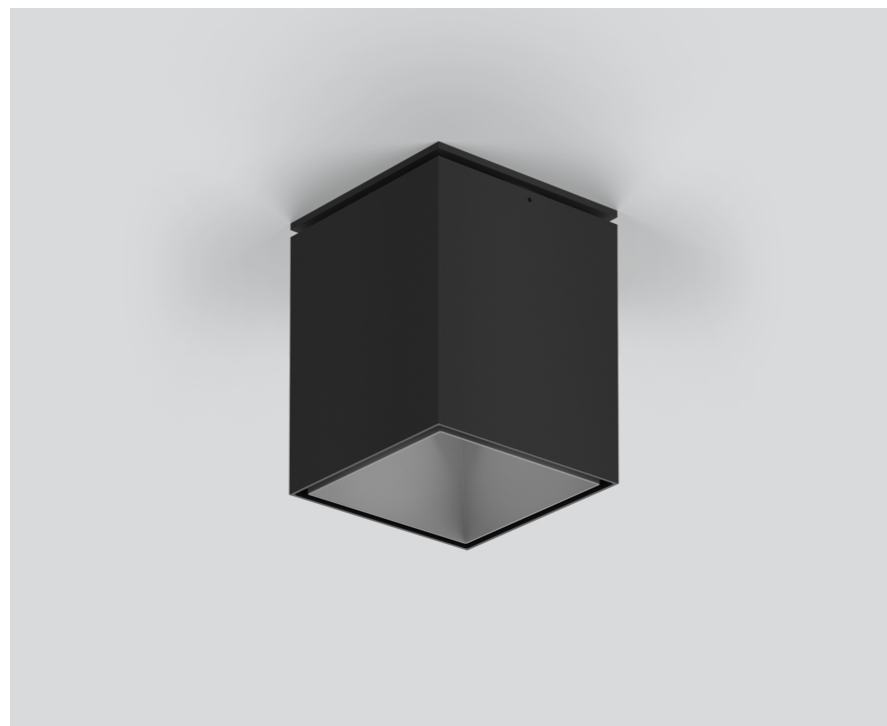
² FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

³ Value of containing product at full load (undimmed)

Installation instructions

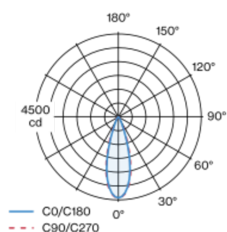


Lighting calculator



Square semi-recessed spotlight made of aluminium; surface black powder coated; Inner colour lacquered in matt silver; 20° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; 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 ≤ 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 31°x33° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; external converter for ceiling insertion; 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



[048-33012114M 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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05.04.2025

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