

# SASSO 100 square adjustable

trim

048-2730119M 048-279731G 002-90766



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

tilt max 30°

gold , RAL 260-M <sup>1</sup>

Mounting set white aluminium

front IP40 , back IP20

1530 lm

fixture 100 lm/W<sup>2</sup>

## LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 98 , R<sub>r</sub>: 90 , R<sub>t(1-5)</sub>: 88

MR 0.8

MDER 0.72

## Optical

medium

beam angle 31°x33°

UGR ≤ 16 , ≥65° <3000 cd/m<sup>2</sup>

PstLM ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

## Electrical

non DIM

220-240 V

system 17.9 W

fixture 15.2 W

36 Vf

450 mA

PC2

## Physical

trim

length 118 mm

width 118 mm

height 95 mm

0.51 kg

## Cutout

length 112 mm

width 112 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 100 mm

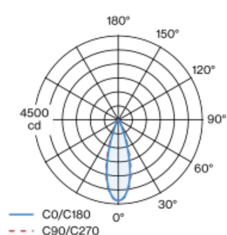
<sup>1</sup> RAL code

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

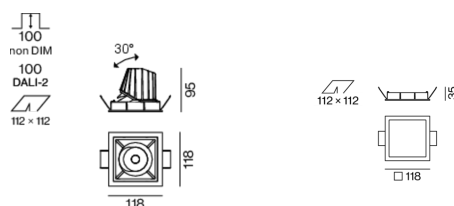
<sup>3</sup> Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 1 lamp; surface gold; 30° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 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 4000 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/m<sup>2</sup>; 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



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Installation instructions



Lighting calculator

