

# SASSO 100 square downlight

trim

048-2710214F 048-2797317 002-90767



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

matt silver

Mounting set traffic white

front IP44 , back IP20

1750 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

flood

beam angle 45°

UGR  $< 16$  ,  $\geq 65^\circ < 3000 \text{ cd/m}^2$

PstLM  $\leq 1.0$ <sup>1</sup>

SVM  $\leq 0.4$ <sup>1</sup>

## Electrical

DALI-2

system 17.9 W

inset 15.2 W

36 V<sub>f</sub>

450 mA

PC2 220-240V

system 98 lm/W<sup>2</sup>

inset 115 lm/W<sup>3</sup>

1 DALI Addr.

## Physical

trim

length 118 mm

width 118 mm

height 75 mm

0.54 kg

## Cutout

length 112 mm

width 112 mm

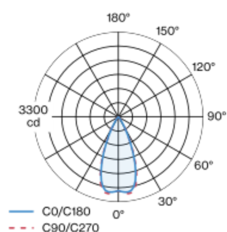
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 80 mm

Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; 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 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 45° beam; UGR  $\leq$  16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq$  3000 cd/m<sup>2</sup>; 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



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Installation  
instructions



Lighting  
calculator

