

# SASSO 100 square downlight

trimless

048-2710014F 048-2797117 002-90789



Project / Type

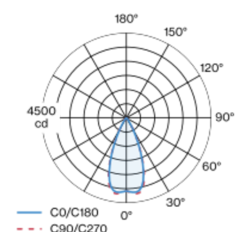
Notes

Count / Date

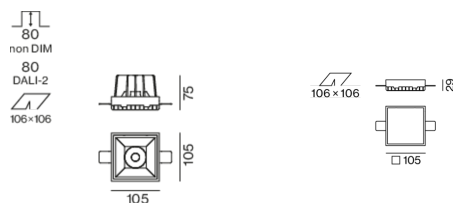


Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 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; 220-240 V; 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



## General

Ceiling , Recessed

matt silver

Mounting set traffic white

front IP44 , back IP20

2360 lm

fixture 104 lm/W<sup>1</sup>

## LED

3000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 87

MR 0.6

MDER 0.54

## Optical

flood

beam angle 45°

UGR  $\leq 16$  ,  $\geq 65^\circ$  <3000 cd/m<sup>2</sup>

P<sub>stLM</sub>  $\leq 1.0$ <sup>2</sup>

SVM  $\leq 0.4$ <sup>2</sup>

## Electrical

DALI-2

220-240 V

system 26.7 W

fixture 22.7 W

36 Vf

650 mA

PC2

1 DALI Addr.

## Physical

trimless

length 105 mm

width 105 mm

height 75 mm

0.51 kg

## Cutout

length 106 mm

width 106 mm

min. ceiling thickness 12.5 mm

max. ceiling thickness 25 mm

recessed depth 80 mm

<sup>1</sup> incl. consideration of optical losses & internal control unit losses

<sup>2</sup> Value of containing product at full load (undimmed)

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Installation  
instructions



Lighting  
calculator

