

# SASSO 100 square downlight

trimless

048-2710914F 048-2797117 002-90780



Project / Type \_\_\_\_\_

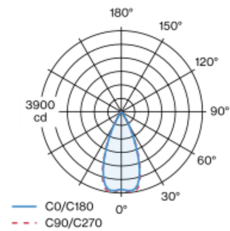
Notes \_\_\_\_\_

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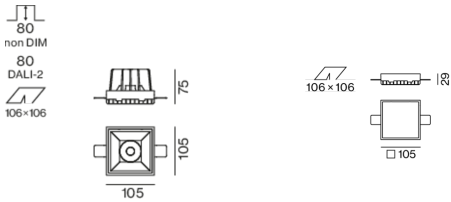


Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling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



## General

Ceiling , Recessed  
matt silver  
Mounting set traffic white  
front IP44 , back IP20  
2270 lm  
fixture 100 lm/W<sup>1</sup>

## LED

2700 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 97 , R<sub>f</sub>: 91 , R<sub>f(1-15)</sub>: 87  
MR 0.52  
MDER 0.47

## Optical

flood  
beam angle 45°  
UGR  $\leq 16$  ,  $\geq 65^\circ$  <3000 cd/m<sup>2</sup>

## Electrical

non DIM  
220-240 V  
system 26.7 W  
fixture 22.7 W  
36 Vf  
650 mA  
PC2

## Physical

trimless  
length 105 mm  
width 105 mm  
height 75 mm  
0.47 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

## Installation instructions



## Lighting calculator

