

# SASSO 100 square adjustable

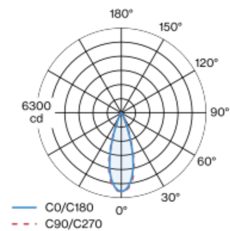
trim

048-2730211M 048-2797317 002-90780

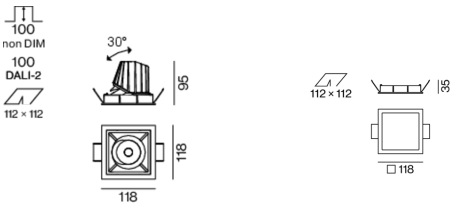


Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; 30° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved 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 33°x34° 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 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



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Recessed	
tilt max 30°	
black , RAL 9005 <sup>1</sup>	
Mounting set traffic white	
front IP40 , back IP20	
2010 lm	
fixture 88 lm/W <sup>2</sup>	

## 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(1-5)</sub> : 89	
MR 0.7	
MDER 0.64	

## Optical

medium	
beam angle 33°x34°	
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

trim	
length 118 mm	
width 118 mm	
height 95 mm	
0.49 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

## Installation instructions



## Lighting calculator

