

# SASSO 100 square adjustable

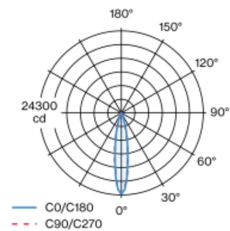
trim 2 lamps

048-2730914S 048-2799317 002-90780

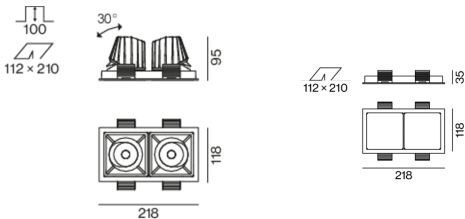


Recessed square spotlight in die-cast aluminium; 2 lamps; surface matt silver; 30° tiltable; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 18° 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 220-240V; 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°	
matt silver	
Mounting set traffic white	
front IP40 , back IP20	
4000 lm	

## 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>(1-15)</sub> : 87	
MR 0.52	
MDER 0.47	

## Optical

spot	
beam angle 18°	
UGR < 16 , $\geq 65^\circ$ <3000 cd/m <sup>2</sup>	

## Electrical

non DIM	
system 52 W	
inset 22.7 W	
36 Vf	
650 mA	
total insets 45 W	
PC2 220-240V	
system 77 lm/W <sup>1</sup>	
inset 88 lm/W <sup>2</sup>	

## Physical

trim	
length 218 mm	
width 118 mm	
height 95 mm	
0.56 kg	

## Cutout

length 210 mm	
width 112 mm	
min. ceiling thickness 2 mm	
max. ceiling thickness 25 mm	
recessed depth 100 mm	

<sup>1</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>2</sup> incl. optical losses

## Installation instructions



## Lighting calculator

