

SASSO 100 square downlight

trim

048-2710914S 048-2797317 002-90780

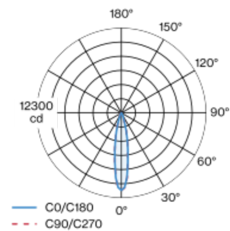


Project / Type	
Notes	
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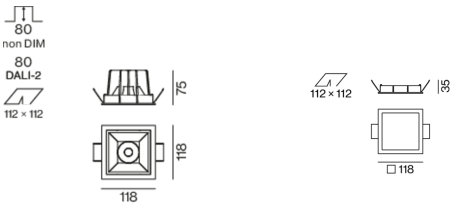


Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 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 20° beam; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; 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	
2020 lm	
fixture 89 lm/W ¹	

LED

2700 K	
CRI ≥ 90	
L80 / 50000 h	
initial MacAdam ≤ 2 SDCM	
R _g : 97 , R _f : 91 , R ₍₁₋₁₅₎ : 87	
MR 0.52	
MDER 0.47	

Optical

spot	
beam angle 20°	
UGR ≤ 16 , $\geq 65^\circ$ < 3000 cd/m ²	

Electrical

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

Physical

trim	
length 118 mm	
width 118 mm	
height 75 mm	
0.49 kg	

Cutout

length 112 mm	
width 112 mm	
min. ceiling thickness 2 mm	
max. ceiling thickness 25 mm	
recessed depth 80 mm	

¹ incl. consideration of optical losses & internal control unit losses

Installation instructions



Lighting calculator

