

SASSO 100 square downlight

trim 2 lamps

048-2710111F 048-279931G 002-90789

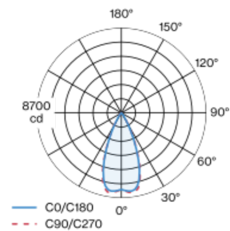


Project / Type	
Notes	
Count / Date	



Recessed square spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim white aluminium; 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 4000 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 45° 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. 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	
black , RAL 9005 ¹	
Mounting set white aluminium	
front IP44 , back IP20	
4720 lm	
fixture 104 lm/W ²	

LED

4000 K	
CRI ≥ 90	
L80 / 50000 h	
initial MacAdam ≤ 2 SDCM	
R _g : 98 , R _f : 90 , R _{t(1-15)} : 88	
MR 0.8	
MDER 0.72	

Optical

flood	
beam angle 45°	
UGR ≤ 16 , $\geq 65^\circ < 3000$ cd/m ²	
PstLM ≤ 1.0 ³	
SVM ≤ 0.4 ³	

Electrical

DALI-2	
220-240 V	
system 52 W	
fixture 22.7 W	
36 Vf	
650 mA	
fixture 45 W	
PC2	
1 DALI Addr.	

Physical

trim	
length 218 mm	
width 118 mm	
height 75 mm	
0.59 kg	

Cutout

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

¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)



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Installation
instructions



Lighting
calculator

