

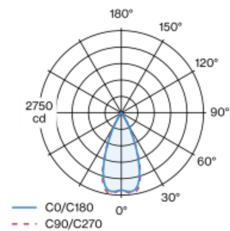
SASSO 100 square adjustable

semi-recessed
048-33019171F 002-90766

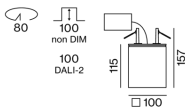


Square semi-recessed spotlight made of aluminium; surface white powder coated; Inner colour lacquered in black; 20° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology 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 45° beam; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; external converter for ceiling insertion; 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 , Semi-Recessed	
tilt max 20°	
white , RAL 9016 ¹	
Inner colour black	
IP20	
1550 lm	
fixture 102 lm/W ²	

LED

2700 K	
CRI ≥ 90	
L80 / 50000 h	
initial MacAdam ≤ 2 SDCM	
R _g : 97 , R _r : 91 , R _{f(1-15)} : 87	
MR 0.52	
MDER 0.47	

Optical

flood	
beam angle 45°	
UGR ≤ 16 , $\geq 65^\circ$ < 1500 cd/m ²	
PstLM ≤ 1.0 ³	
SVM ≤ 0.4 ³	

Electrical

non DIM	
220-240 V	
system 17.9 W	
fixture 15.2 W	
36 Vf	
450 mA	
PC2	

Physical

length 100 mm	
width 100 mm	
height 115 mm	
1.59 kg	

Cutout

diameter 80 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)

Installation instructions



Lighting calculator

