

# SASSO 100 square adjustable

semi-recessed

048-3301114F 002-90767



Project / Type

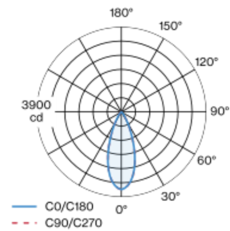
Notes

Count / Date



Square semi-recessed spotlight made of aluminium; surface black powder coated; Inner colour lacquered in matt silver; 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 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 39° 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. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); 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



### General

Ceiling | Semi-Recessed  
tilt max 20°  
black | RAL 9005 <sup>1</sup>  
Inner colour matt silver  
IP20  
1720 lm  
fixture 113 lm/W <sup>2</sup>

### LED

4000 K  
CRI ≥ 90  
L80 / 50000 h  
initial MacAdam ≤ 2 SDCM  
R<sub>g</sub>: 98 | R<sub>r</sub>: 90 | R<sub>{1-15}</sub>: 88  
MR 0.8 | MDER 0.72

### Optical

flood | beam angle 39°  
UGR ≤ 16 | ≥65° <1500 cd/m²  
PstLM ≤ 1.0 <sup>3</sup> | SVM ≤ 0.4 <sup>3</sup>

### Electrical

DALI-2 | 1 DALI Addr.  
PC2 | 220-240 V  
system 17.9 W | fixture 15.2 W  
36 Vf | 450 mA

### Physical

length 100 mm | width 100 mm | height 115 mm  
0.76 kg

### Cutout

diameter 80 mm  
recessed depth 100 mm

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

## Installation instructions



## Lighting calculator

