

# SASSO 100 square adjustable

semi-recessed  
048-33012179W 002-90766



Project / Type

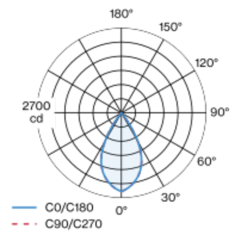
Notes

Count / Date



Square semi-recessed spotlight made of aluminium; surface white powder coated; Inner colour lacquered in gold; 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 3500 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 56° beam; UGR  $\leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; 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



## General

Ceiling   Semi-Recessed
tilt max 20°
white   RAL 9016 <sup>1</sup>
Inner colour gold
IP20
1840 lm
fixture 121 lm/W <sup>2</sup>

## LED

3500 K
CRI $\geq 90$
L80 / 50000 h
initial MacAdam $\leq 2$ SDCM
R <sub>g</sub> : 99   R <sub>r</sub> : 90   R <sub>t(15)</sub> : 89
MR 0.7   MDER 0.64

## Optical

wide flood   beam angle 56°
UGR $\leq 19$   $\geq 65^\circ < 1500$ cd/m <sup>2</sup>
PstLM $\leq 1.0$ <sup>3</sup>   SVM $\leq 0.4$ <sup>3</sup>

## Electrical

non DIM
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
1.59 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

