

# SASSO 100 square adjustable

trim 2 lamps

048-2730019S 048-2799317 002-90767



Project / Type \_\_\_\_\_

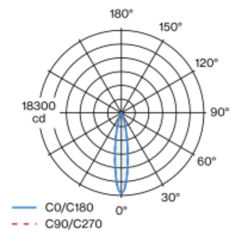
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



Recessed square spotlight in die-cast aluminium; 2 lamps; surface gold; 30° tiltable; installation without tools in mounting set due to patented ball catch system; rectangular 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 3000 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 18° beam; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  cd/m<sup>2</sup>; degree of protection from below IP40 (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 \_\_\_\_\_

tilt max 30° \_\_\_\_\_

gold , RAL 260-M <sup>1</sup> \_\_\_\_\_

Mounting set traffic white \_\_\_\_\_

front IP40 , back IP20 \_\_\_\_\_

2900 lm \_\_\_\_\_

fixture 95 lm/W<sup>2</sup> \_\_\_\_\_

## LED

3000 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(1-5)</sub>: 87 \_\_\_\_\_

MR 0.6 \_\_\_\_\_

MDER 0.54 \_\_\_\_\_

## Optical

spot \_\_\_\_\_

beam angle 18° \_\_\_\_\_

UGR  $\leq 13$  ,  $\geq 65^\circ$  <3000 cd/m<sup>2</sup> \_\_\_\_\_

PstLM  $\leq 1.0$  <sup>3</sup> \_\_\_\_\_

SVM  $\leq 0.4$  <sup>3</sup> \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_

220-240 V \_\_\_\_\_

system 35 W \_\_\_\_\_

fixture 15.2 W \_\_\_\_\_

36 Vf \_\_\_\_\_

450 mA \_\_\_\_\_

fixture 30 W \_\_\_\_\_

PC2 \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

## Physical

trim \_\_\_\_\_

length 218 mm \_\_\_\_\_

width 118 mm \_\_\_\_\_

height 95 mm \_\_\_\_\_

0.6 kg \_\_\_\_\_

## Cutout

length 210 mm \_\_\_\_\_

width 112 mm \_\_\_\_\_

min. ceiling thickness 2 mm \_\_\_\_\_

max. ceiling thickness 25 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)



# SASSO 100 square adjustable

trim 2 lamps

048-2730019S 048-2799317 002-90767



Project / Type

Notes

Count / Date

Installation instructions



Lighting calculator

