

# SASSO 100 round adjustable

trimless

048-2720111F 048-2796117 002-90767



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

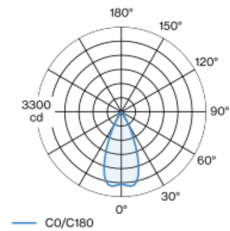
Notes \_\_\_\_\_

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

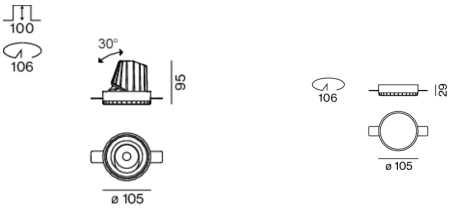


Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; traffic white; for trimless installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 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  $\leq 2$  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 45° beam;  $UGR \leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; degree of protection from below IP40 (from above IP20); PC2 220-240V; 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° \_\_\_\_\_

rotation 360° \_\_\_\_\_

black , RAL9005 <sup>1</sup> \_\_\_\_\_

traffic white \_\_\_\_\_

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

1680 lm \_\_\_\_\_

## LED

4000 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq 2$  SDCM \_\_\_\_\_

R<sub>g</sub>: 98 , R<sub>r</sub>: 90 , R<sub>t(1-15)</sub>: 88 \_\_\_\_\_

MR 0.8 \_\_\_\_\_

MDER 0.72 \_\_\_\_\_

## Optical

flood \_\_\_\_\_

beam angle 45° \_\_\_\_\_

UGR  $< 16$  ,  $\geq 65^\circ < 1500$  cd/m<sup>2</sup> \_\_\_\_\_

PstLM  $\leq 1.0$  <sup>2</sup> \_\_\_\_\_

SVM  $\leq 0.4$  <sup>2</sup> \_\_\_\_\_

## Electrical

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

system 17.9 W \_\_\_\_\_

inset 15.2 W \_\_\_\_\_

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

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

PC2 220-240V \_\_\_\_\_

system 94 lm/W<sup>3</sup> \_\_\_\_\_

inset 111 lm/W<sup>4</sup> \_\_\_\_\_

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

## Physical

trimless \_\_\_\_\_

diameter 105 mm \_\_\_\_\_

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

0.53 kg \_\_\_\_\_

## Cutout

diameter 106 mm \_\_\_\_\_

min. ceiling thickness 12.5 mm \_\_\_\_\_

max. ceiling thickness 25 mm \_\_\_\_\_

recessed depth 100 mm \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses



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Installation instructions



Lighting calculator

