

# SASSO 100 round downlight

trim 2 lamps

048-2700214S 048-2798317 002-90767



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

Notes \_\_\_\_\_

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



## General

Ceiling , Recessed \_\_\_\_\_

matt silver \_\_\_\_\_

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

front IP44 , back IP20 \_\_\_\_\_

3060 lm \_\_\_\_\_

## 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>t1-15</sub>: 89 \_\_\_\_\_

MR 0.7 \_\_\_\_\_

MDER 0.64 \_\_\_\_\_

## Optical

spot \_\_\_\_\_

beam angle 19° \_\_\_\_\_

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

PstLM  $\leq 1.0$ <sup>1</sup> \_\_\_\_\_

SVM  $\leq 0.4$ <sup>1</sup> \_\_\_\_\_

## Electrical

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

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

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

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

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

total insets 30 W \_\_\_\_\_

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

system 87 lm/W<sup>2</sup> \_\_\_\_\_

inset 100 lm/W<sup>3</sup> \_\_\_\_\_

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

## Physical

trim \_\_\_\_\_

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

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

height 75 mm \_\_\_\_\_

0.61 kg \_\_\_\_\_

## Cutout

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

length 205 mm \_\_\_\_\_

width 105 mm \_\_\_\_\_

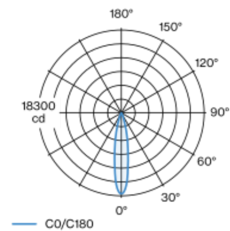
min. ceiling thickness 2 mm \_\_\_\_\_

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

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

Round recessed spotlight in die-cast aluminium; 2 lamps; surface matt silver; installation without tools in mounting set due to patented ball catch system; oval 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 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 19° 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 IP44 (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



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



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Installation  
instructions



Lighting  
calculator

