

# SASSO 100 round adjustable

trim 2 lamps

048-2720211M 048-279831G 002-90767

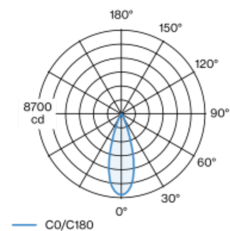


Project / Type	
Notes	
Count / Date	



Round recessed spotlight in die-cast aluminium; 2 lamps; surface black; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim white aluminium; 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 33° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500$  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>	
Mounting set white aluminium	
front IP40 , back IP20	
2900 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>t(1-15)</sub> : 89	
MR 0.7	
MDER 0.64	

## Optical

medium	
beam angle 33°	
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 35 W	
inset 15.2 W	
36 Vf	
450 mA	
total insets 30 W	
PC2 220-240V	
system 83 lm/W <sup>3</sup>	
inset 95 lm/W <sup>4</sup>	
1 DALI Addr.	

## Physical

trim	
length 218 mm	
width 118 mm	
height 95 mm	
0.6 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	

<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

