

# SASSO 100 round adjustable trim soft acoustic ceiling

048-2720911F 048-2796318 002-90767

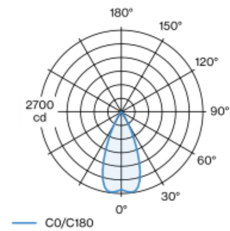


|                |  |
|----------------|--|
| Project / Type |  |
| Notes          |  |
| Count / Date   |  |

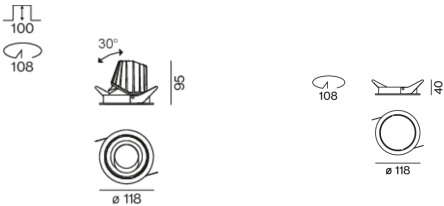


Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim jet black; for installation in soft acoustic ceilings; suitable for ceiling thickness 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 2700 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> |
| Mounting set Traffic black   |
| front IP40 , back IP20       |
| 1550 lm                      |

## LED

|  |
|--|
| 2700 K   |
| CRI $\geq 90$  |
| L80 / 50000 h  |
| initial MacAdam $\leq 2$ SDCM  |
| R <sub>g</sub> : 97 , R <sub>r</sub> : 91 , R <sub>{1-15}</sub> : 87 |
| MR 0.52  |
| MDER 0.47  |

## 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 87 lm/W <sup>3</sup> |
| inset 102 lm/W <sup>4</sup> |
| 1 DALI Addr.                |

## Physical

|                                |
|--------------------------------|
| with trim for acoustic ceiling |
| diameter 114 mm                |
| height 95 mm                   |
| 0.5 kg                         |

## Cutout

|                              |
|------------------------------|
| diameter 108 mm              |
| min. ceiling thickness 25 mm |
| max. ceiling thickness 40 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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adjustable trim soft acoustic  
ceiling

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Installation  
instructions



Lighting  
calculator

