

# SASSO 100 round adjustable

trim

048-2720011W 048-279631G 002-90767

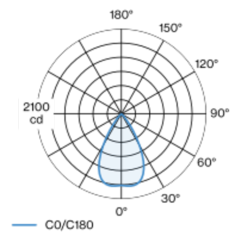


|                |  |
|----------------|--|
| Project / Type |  |
| Notes          |  |
| Count / Date   |  |



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 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 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 60° beam; UGR  $\leq 19$ ; 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; 220-240 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°                  |  |
| rotation 360°                 |  |
| black , RAL 9005 <sup>1</sup> |  |
| Mounting set white aluminium  |  |
| front IP40 , back IP20        |  |
| 1660 lm                       |  |
| fixture 109 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>f</sub> : 90 , R <sub>t-15</sub> : 87 |  |
| MR 0.6   |  |
| MDER 0.54  |  |

## Optical

|  |  |
|--|--|
| wide flood   |  |
| beam angle 60°   |  |
| UGR $\leq 19$ , $\geq 65^\circ < 1500$ 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 17.9 W  |  |
| fixture 15.2 W |  |
| 36 Vf          |  |
| 450 mA         |  |
| PC2            |  |
| 1 DALI Addr.   |  |

## Physical

|                 |  |
|-----------------|--|
| trim            |  |
| diameter 118 mm |  |
| height 95 mm    |  |
| 0.5 kg          |  |

## Cutout

|                              |  |
|------------------------------|--|
| diameter 108 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)



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Installation instructions



Lighting calculator

