

# SASSO 100 round adjustable

trim 2 lamps

048-2720911S 048-2798318 002-90766

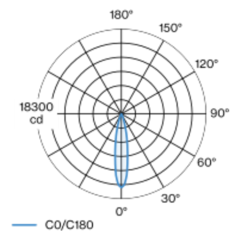


|                |  |
|----------------|--|
| Project / Type |  |
| Notes          |  |
| Count / Date   |  |



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 jet black; 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 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 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 IP40 (from above IP20); PC2 220-240V; incl. converter, non dimmable; 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 jet black       |
| front IP40 , back IP20       |
| 2740 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

|  |
|--|
| spot   |
| beam angle 19°                                     |
| UGR < 13 , $\geq 65^\circ$ <3000 cd/m <sup>2</sup> |
| PstLM $\leq 1.0$ <sup>2</sup>                      |
| SVM $\leq 0.4$ <sup>2</sup>                        |

## Electrical

|                             |
|-----------------------------|
| non DIM                     |
| system 35 W                 |
| inset 15.2 W                |
| 36 Vf                       |
| 450 mA                      |
| total insets 30 W           |
| PC2 220-240V                |
| system 78 lm/W <sup>3</sup> |
| inset 90 lm/W <sup>4</sup>  |

## Physical

|               |
|---------------|
| trim          |
| length 218 mm |
| width 118 mm  |
| height 95 mm  |
| 0.57 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

