

# SASSO 100 square adjustable

trim

048-2730011S 048-2797317 002-90789

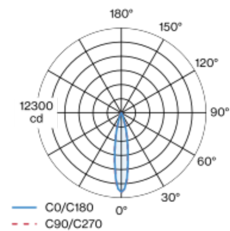


|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |



Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; 30° tiltable; installation without tools in mounting set due to patented ball catch system; square 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 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 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. 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°                 |
| black , RAL9005 <sup>1</sup> |
| Mounting set traffic white   |
| front IP40 , back IP20       |
| 1970 lm                      |

## 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>(1-15)</sub> : 87 |
| MR 0.6   |
| MDER 0.54  |

## 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

|                             |
|-----------------------------|
| DALI-2                      |
| system 26.7 W               |
| inset 22.7 W                |
| 36 Vf                       |
| 650 mA                      |
| PC2 220-240V                |
| system 74 lm/W <sup>3</sup> |
| inset 87 lm/W <sup>4</sup>  |
| 1 DALI Addr.                |

## Physical

|               |
|---------------|
| trim          |
| length 118 mm |
| width 118 mm  |
| height 95 mm  |
| 0.53 kg       |

## Cutout

|                              |
|------------------------------|
| length 112 mm                |
| width 112 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

