

# SASSO 100 square adjustable

trim

048-2730214F 048-2797318 002-90767

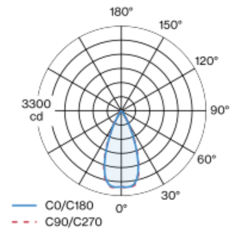


|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |

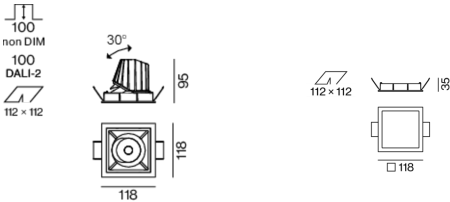


Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; 30° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim jet black; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 44° beam; UGR  $\leq 16$ ; 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°           |
| matt silver            |
| Mounting set jet black |
| front IP40 , back IP20 |
| 1730 lm                |

## LED

|  |
|--|
| 3500 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> : 89 |
| MR 0.7   |
| MDER 0.64  |

## Optical

|  |
|--|
| flood  |
| beam angle 44°                                     |
| UGR < 16 , $\geq 65^\circ$ <3000 cd/m <sup>2</sup> |
| PstLM $\leq 1.0$ <sup>1</sup>                      |
| SVM $\leq 0.4$ <sup>1</sup>                        |

## Electrical

|                |
|----------------|
| DALI-2         |
| 17.9 W         |
| inset 15.2 W   |
| 36 Vf          |
| 450 mA         |
| PC2 220-240V   |
| 97 lm/W        |
| inset 113 lm/W |
| 1 DALI Addr.   |

## Physical

|               |
|---------------|
| trim          |
| length 118 mm |
| width 118 mm  |
| height 95 mm  |
| 0.54 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> Value of containing product at full load (undimmed)



# SASSO 100 square adjustable

trim

048-2730214F 048-2797318 002-90767



Project / Type

Notes

Count / Date

Installation instructions



Lighting calculator

