

# SASSO 60 square downlight

trim 2 lamps

048-2612E11F 048-269931G 002-90762

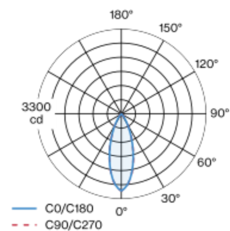


|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |

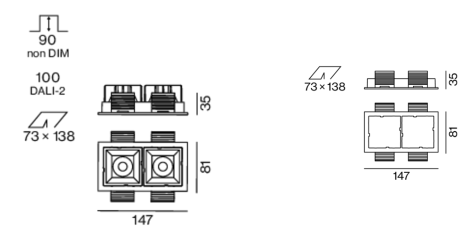


Recessed square spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 35° 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; 220-240 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            |
| black , RAL 9005 <sup>1</sup> |
| Mounting set white aluminium  |
| front IP40 , back IP20        |
| 1430 lm                       |
| fixture 70 lm/W <sup>2</sup>  |

## LED

|   |
|---|
| colour warm dimming   |
| 1800 K - 3000 K   |
| CRI $\geq 90$   |
| L85 / 50000 h   |
| initial MacAdam $\leq 3$ SDCM   |
| R <sub>g</sub> : 101 , R <sub>r</sub> : 94 , R <sub>{1-15}</sub> : 96 |
| MR 0.64   |
| MDER 0.58   |

## Optical

|   |
|---|
| flood   |
| beam angle 35°  |
| UGR $\leq 16$ , $\geq 65^\circ$ <3000 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 24.0 W  |
| fixture 10.2 W |
| 300 mA         |
| fixture 20.4 W |
| PC2            |
| 1 DALI Addr.   |

## Physical

|               |
|---------------|
| trim          |
| length 147 mm |
| width 81 mm   |
| height 48 mm  |
| 0.33 kg       |

## Cutout

|                              |
|------------------------------|
| length 138 mm                |
| width 73 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

