

SASSO 100 square downlight

trim 2 lamps

048-2710014F 048-279931G 002-90789



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



| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

General

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|------------------------------|
| Ceiling , Recessed |
| matt silver |
| Mounting set white aluminium |
| front IP44 , back IP20 |
| 4720 lm |

LED

| |
|---|
| 3000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 , R _r : 90 , R _{t(1-15)} : 87 |
| MR 0.6 |
| MDER 0.54 |

Optical

| |
|---|
| flood |
| beam angle 45° |
| UGR < 16 , ≥65° <3000 cd/m ² |
| PstLM ≤ 1.0 ¹ |
| SVM ≤ 0.4 ¹ |

Electrical

| |
|-----------------------------|
| DALI-2 |
| system 52 W |
| inset 22.7 W |
| 36 V _f |
| 650 mA |
| total insets 45 W |
| PC2 220-240V |
| system 91 lm/W ² |
| inset 104 lm/W ³ |
| 1 DALI Addr. |

Physical

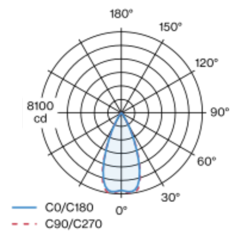
| |
|---------------|
| trim |
| length 218 mm |
| width 118 mm |
| height 75 mm |
| 0.59 kg |

Cutout

| |
|------------------------------|
| length 210 mm |
| width 112 mm |
| min. ceiling thickness 2 mm |
| max. ceiling thickness 25 mm |
| recessed depth 100 mm |

Recessed square spotlight in die-cast aluminium; 2 lamps; surface matt silver; 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; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 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 45° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection from below IP44 (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



[048-2710014F 048-279931G 002-90789] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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Installation
instructions



Lighting
calculator

