

SASSO 100 square adjustable

trimless

048-2730114F 048-2797117 002-90767



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

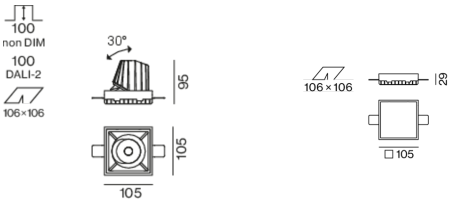


Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; 30° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive 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 4000 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 44° beam; $UGR \leq 16$; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; 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 |
| tilt max 30° |
| matt silver |
| Mounting set traffic white |
| front IP40 , back IP20 |
| 1770 lm |
| fixture 116 lm/W ¹ |

LED

| |
|---|
| 4000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 98 , R _r : 90 , R _{t(1-15)} : 88 |
| MR 0.8 |
| MDER 0.72 |

Optical

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

Electrical

| |
|----------------|
| DALI-2 |
| 220-240 V |
| system 17.9 W |
| fixture 15.2 W |
| 36 Vf |
| 450 mA |
| PC2 |
| 1 DALI Addr. |

Physical

| |
|---------------|
| trimless |
| length 105 mm |
| width 105 mm |
| height 95 mm |
| 0.52 kg |

Cutout

| |
|--------------------------------|
| length 106 mm |
| width 106 mm |
| min. ceiling thickness 12.5 mm |
| max. ceiling thickness 25 mm |
| recessed depth 100 mm |

¹ incl. consideration of optical losses & internal control unit losses
² Value of containing product at full load (undimmed)



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Installation instructions



Lighting calculator

