

SASSO 100 square downlight

trimless

048-2710019F 048-2797117 002-90789

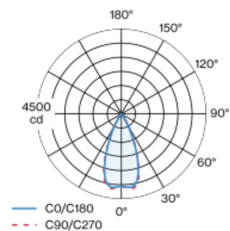


| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |

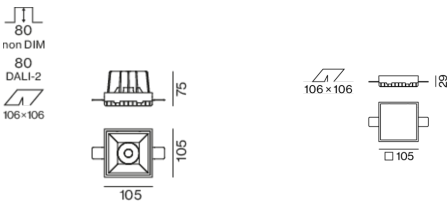


Recessed square spotlight in die-cast aluminium; 1 lamp; surface gold; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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; 220-240 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 |
| gold , RAL 260-M ¹ |
| Mounting set traffic white |
| front IP44 , back IP20 |
| 2330 lm |
| fixture 103 lm/W ² |

LED

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

Optical

| |
|---|
| flood |
| beam angle 45° |
| UGR ≤ 16 , $\geq 65^\circ$ <3000 cd/m ² |
| PstLM ≤ 1.0 ³ |
| SVM ≤ 0.4 ³ |

Electrical

| |
|----------------|
| DALI-2 |
| 220-240 V |
| system 26.7 W |
| fixture 22.7 W |
| 36 Vf |
| 650 mA |
| PC2 |
| 1 DALI Addr. |

Physical

| |
|---------------|
| trimless |
| length 105 mm |
| width 105 mm |
| height 75 mm |
| 0.51 kg |

Cutout

| |
|--------------------------------|
| length 106 mm |
| width 106 mm |
| min. ceiling thickness 12.5 mm |
| max. ceiling thickness 25 mm |
| recessed depth 80 mm |

¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)



SASSO 100 square downlight

trimless

048-2710019F 048-2797117 002-90789



Project / Type

Notes

Count / Date

Installation
instructions



Lighting
calculator

