

SASSO 100 square downlight

trimless

048-2710919F 048-2797117 002-90767



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



General

| | |
|-------------------------------|--|
| Ceiling , Recessed | |
| gold , RAL 260-M ¹ | |
| Mounting set traffic white | |
| front IP44 , back IP20 | |
| 1630 lm | |
| fixture 107 lm/W ² | |

LED

| | |
|--|--|
| 2700 K | |
| CRI ≥ 90 | |
| L80 / 50000 h | |
| initial MacAdam ≤ 2 SDCM | |
| R _g : 97 , R _f : 91 , R _{1-15} : 87 | |
| MR 0.52 | |
| MDER 0.47 | |

Optical

| | |
|---|--|
| flood | |
| beam angle 45° | |
| UGR ≤ 16 , ≥65° <1500 cd/m ² | |
| PstLM ≤ 1.0 ³ | |
| SVM ≤ 0.4 ³ | |

Electrical

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

Physical

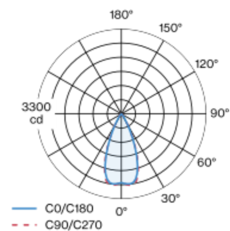
| | |
|---------------|--|
| trimless | |
| length 105 mm | |
| width 105 mm | |
| height 75 mm | |
| 0.52 kg | |

Cutout

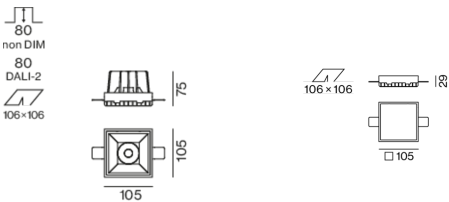
| | |
|--------------------------------|--|
| length 106 mm | |
| width 106 mm | |
| min. ceiling thickness 12.5 mm | |
| max. ceiling thickness 25 mm | |
| recessed depth 80 mm | |

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 2700 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° ≤ 1500 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



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



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Installation
instructions



Lighting
calculator

