

SASSO 100 round downlight

trim

048-2700211S 048-2796317 002-90767



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



General

| | |
|-------------------------------|--|
| Ceiling , Recessed | |
| black , RAL 9005 ¹ | |
| Mounting set traffic white | |
| front IP44 , back IP20 | |
| 1450 lm | |
| fixture 95 lm/W ² | |

LED

| | |
|---|--|
| 3500 K | |
| CRI ≥ 90 | |
| L80 / 50000 h | |
| initial MacAdam ≤ 2 SDCM | |
| R _g : 99 , R _f : 90 , R _{t(1-15)} : 89 | |
| MR 0.7 | |
| MDER 0.64 | |

Optical

| | |
|---|--|
| spot | |
| beam angle 19° | |
| UGR ≤ 13 , ≥65° <3000 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

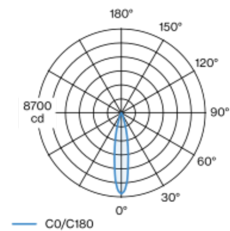
| | |
|-----------------|--|
| trim | |
| diameter 118 mm | |
| height 75 mm | |
| 0.5 kg | |

Cutout

| | |
|------------------------------|--|
| diameter 108 mm | |
| min. ceiling thickness 2 mm | |
| max. ceiling thickness 25 mm | |
| recessed depth 80 mm | |

Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; 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 3500 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 19° beam; UGR ≤ 13; 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



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

Installation instructions



Lighting calculator

