

SASSO 100 round downlight

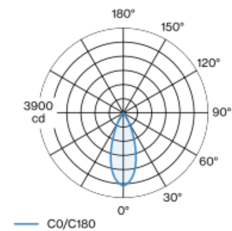
trim

048-2700211F 048-279631G 002-90767

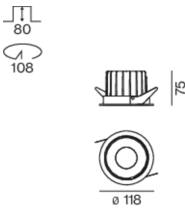


Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 38° 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



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



General

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|-------------------------------|
| Ceiling Recessed |
| black RAL 9005 ¹ |
| Mounting set white aluminium |
| front IP44 back IP20 |
| 1600 lm |
| fixture 105 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

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|-------------------------------------------------------------|
| flood beam angle 38° |
| UGR ≤ 16 $\geq 65^\circ$ < 1500 cd/m ² |
| PstLM ≤ 1.0 ³ SVM ≤ 0.4 ³ |

Electrical

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

Physical

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|--------------------------------|
| trim |
| diameter 118 mm height 75 mm |
| 0.47 kg |

Cutout

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|------------------------------------------------------------|
| diameter 108 mm |
| min. ceiling thickness 2 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)

Installation instructions



Lighting calculator

