

SASSO 100 round downlight trim soft acoustic ceiling

048-2700211F 048-2796398 002-90767



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



| |
|--------------|
| 220-240V |
| IP20 IP44 |
| X-PERT |
| X-PERT |

General

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|------------------------------|
| Ceiling , Recessed |
| black , RAL9005 ¹ |
| Traffic black |
| front IP44 , back IP20 |
| 1640 lm |

LED

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|-----------------------------------------------------------------------|
| 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

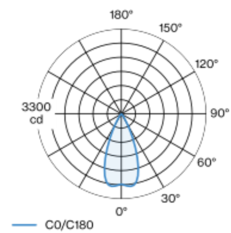
| |
|-------------------------------------------|
| flood |
| beam angle 45° |
| UGR < 16 , ≥ 65° < 1500 cd/m ² |
| PstLM ≤ 1.0 ² |
| SVM ≤ 0.4 ² |

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 black; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 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 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 220-240V; 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;

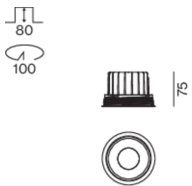
Electrical

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|-----------------------------|
| DALI-2 |
| system 17.9 W |
| inset 15.2 W |
| 36 Vf |
| 450 mA |
| PC2 220-240V |
| system 92 lm/W ³ |
| inset 108 lm/W ⁴ |
| 1 DALI Addr. |

Light distribution



Product drawing



Physical

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|--------------------------------|
| with trim for acoustic ceiling |
| diameter 114 mm |
| height 75 mm |
| 0.5 kg |

Cutout

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|------------------------------|
| diameter 100 mm |
| min. ceiling thickness 25 mm |
| max. ceiling thickness 40 mm |
| recessed depth 80 mm |

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ incl. optical losses

Installation instructions

Lighting calculator