

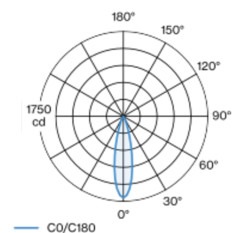
SASSO 40 round downlight trim soft acoustic ceiling

048-2800414M 048-2896397 002-90753

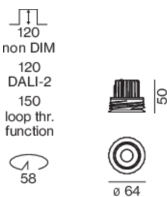


Round recessed spotlight in die-cast aluminium; surface matt silver; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; for installation in soft acoustic ceilings; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 25° beam; UGR ≤ 10 ; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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



General

| |
|------------------------------|
| Ceiling Recessed |
| rotation 360° |
| matt silver |
| Mounting set traffic white |
| front IP44 back IP20 |
| 376 lm |
| fixture 74 lm/W ¹ |

LED

| |
|---|
| 2700 K |
| CRI ≥ 90 |
| L85 / 50000 h |
| initial MacAdam ≤ 3 SDCM |
| R _g : 99 R _r : 91 R _{t(1-15)} : 89 |
| MR 0.54 MDER 0.49 |

Optical

| |
|---|
| medium beam angle 25° |
| UGR ≤ 10 |
| PstLM ≤ 1.0 ² SVM ≤ 0.4 ² |

Electrical

| |
|------------------------------|
| DALI-2 |
| PC2 220-240 V |
| system 6.2 W fixture 5.1 W |
| 12 Vf 450 mA |

Physical

| |
|-------------------------------|
| trim |
| diameter 60 mm height 50 mm |

Cutout

| |
|--|
| diameter 58 mm |
| min. ceiling thickness 2 mm max. ceiling thickness 25 mm |
| recessed depth 120 mm |

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

Installation instructions



Lighting calculator



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Notes

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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.97 | 0.94 | 0.91 | 0.88 | 0.85 |
| LSF | 1 | 1 | 1 | 1 | 1 |
| MF | LMF × RSMF × LLMF × LSF | | RSMF ^a | Room Surface Maintenance Factor | |
| MF | Maintenance Factor | | LLMF | Lamp Lumens Maintenance Factor | |
| LMF ^a | Luminaire Maintenance Factor | | LSF | Lamp Survival Factor | |

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 72 |
| B16 | 115 |
| C10 | 106 |
| C16 | 170 |

Components

MOUNTING SET trim for soft acoustic ceilings

| | | |
|---------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 64 | 048-2896397 |



POWER SUPPLY

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 147-33-23 | 002-90753 |

Optional electrical accessories

DIN RAIL POWER SUPPLY

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 72-90-63 | 005-6520210 |



DIN RAIL LED DRIVER

| | | |
|------------------------------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 2×42W 48V DC UOUT 10–40V | 36-88-59 | 005-6121030 |

