

SASSO 40 round adjustable trim soft acoustic ceiling

048-2820414S 048-2896397 002-90752



Project / Type

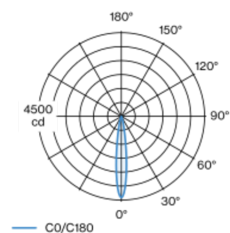
Notes

Count / Date



Round recessed spotlight in die-cast aluminium; surface matt silver; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim signal white for 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 3000 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 14° beam; UGR ≤ 10 ; degree of protection from below IP40 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Recessed
tilt max 30°
rotation 360°
matt silver
Mounting set signal white for acoustic ceilings
front IP40 | back IP20
407 lm
fixture 80 lm/W ¹

LED

3000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 98 | R_r: 91 | R₍₁₋₁₅₎: 89
MR 0.6 | MDER 0.55

Optical

spot | beam angle 14°
UGR ≤ 10
PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

non DIM
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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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.98 | 0.95 | 0.92 | 0.89 | 0.86 |
| 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 | 39 |
| B13 | 63 |
| B16 | 79 |
| C10 | 63 |
| C13 | 101 |
| C16 | 126 |

Components

MOUNTING SET trim for soft acoustic ceilings

| | | |
|------------------------------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| signal white for acoustic ceilings | 64 | 048-2896397 |



POWER SUPPLY

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 65-39-20 | 002-90752 |

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) |
| 200-1050 mA 2 x 42W | 36-88-59 | 005-6121030 |

