

SASSO 60 round adjustable trim soft acoustic ceiling

048-2622E11F 048-2696398 002-90762

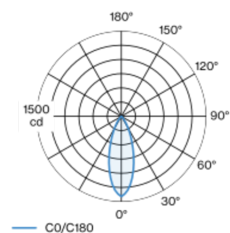


| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |



Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic black for acoustic ceilings; 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; CWD (Colour Warm Dimming) of 1800K - 3000K; 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 36° beam; UGR ≤ 19 ; degree of protection from below IP40 (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



General

| |
|--|
| Ceiling , Recessed |
| tilt max 30° |
| rotation 360° |
| black , RAL 9005 ¹ |
| Mounting set traffic black for acoustic ceilings |
| front IP40 , back IP20 |
| 672 lm |
| fixture 66 lm/W ² |

LED

| |
|--|
| colour warm dimming |
| 1800 K - 3000 K |
| CRI ≥ 90 |
| L85 / 50000 h |
| initial MacAdam ≤ 3 SDCM |
| R _g : 101 , R _f : 94 , R _{f[1-15]} : 96 |
| MR 0.64 |
| MDER 0.58 |

Optical

| |
|-------------------------------|
| flood |
| beam angle 36° |
| UGR ≤ 19 |
| PstLM ≤ 1.0 ³ |
| SVM ≤ 0.4 ³ |

Electrical

| |
|----------------|
| DALI-2 |
| 220-240 V |
| system 12.0 W |
| fixture 10.2 W |
| 300 mA |
| PC2 |
| 1 DALI Addr. |

Physical

| |
|--------------------------------|
| with trim for acoustic ceiling |
| diameter 80 mm |
| height 48 mm |
| 0.36 kg |

Cutout

| |
|------------------------------|
| diameter 74 mm |
| min. ceiling thickness 25 mm |
| max. ceiling thickness 40 mm |
| recessed depth 110 mm |

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



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Installation
instructions



Lighting
calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.96 | 0.94 | 0.91 | 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 | 18 |
| B16 | 30 |
| C10 | 23 |
| C16 | 36 |

Components

MOUNTING SET trim for soft acoustic ceilings

| | | |
|-------------------------------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| traffic black for acoustic ceilings | 80 | 048-2696398 |



POWER SUPPLY

| | | |
|------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 28 W | 143-43-30 | 002-90762 |



Mounting accessories

MOUNTING TOOL

| | | |
|---------------|------------|-------------------|
| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
| traffic black | 77-77-35 | 048-2695918 |



Optional electrical accessories

DIN RAIL LED DRIVER

| | | |
|--------------------------------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| DALI-2 200-1050 mA 2 x 42W | 36-88-59 | 005-6121030 |



DIN RAIL POWER SUPPLY

| | | |
|-------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 160 W | 72-90-63 | 005-6520210 |



Optional electrical accessories

POWER SUPPLY PREWIRED

| | |
|-----------------------------|-------------------|
| TYPE | ARTICLE NUMBER(S) |
| with junktion box DALI-2 | 002-90790A |
| with junktion box DALI-2 | 002-90748A |
| with junktion box non DIM | 002-90771A |
| with junktion box non DIM | 002-90742A |



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Optional electrical accessories

POWER SUPPLY

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|----------------------------|------------|-------------------|
| with loop through function | 185-30-21 | 002-90770 |
| with loop through function | 185-30-21 | 002-90747 |

