

SASSO 60 round adjustable

trim 2 lamps

048-2622E14M 048-269831G 002-90762



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



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

General

| |
|------------------------------|
| Ceiling Recessed |
| tilt max 30° |
| rotation 360° |
| matt silver |
| Mounting set white aluminium |
| front IP40 back IP20 |
| 1560 lm |
| fixture 76 lm/W ¹ |

LED

| |
|--|
| colour warm dimming 1800 K - 3000 K |
| CRI ≥ 90 |
| L85 / 50000 h |
| initial MacAdam ≤ 3 SDCM |
| R _g : 101 R _f : 94 R _{t(1-15)} : 97 |
| MR 0.64 MDER 0.58 |

Optical

| |
|---|
| medium beam angle 26° |
| UGR ≤ 19 |
| PstLM ≤ 1.0 ² SVM ≤ 0.4 ² |

Electrical

| |
|--------------------------------|
| DALI-2 1 DALI Addr. |
| PC2 220-240 V |
| system 24.0 W fixture 10.2 W |
| 300 mA |
| fixture 20.4 W |

Physical

| |
|--|
| trim |
| length 147 mm width 80 mm height 48 mm |
| 0.42 kg |

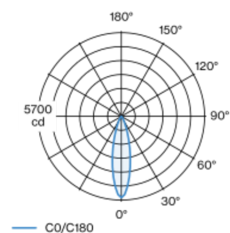
Cutout

| |
|--|
| diameter 70 mm length 70 mm width 136 mm |
| min. ceiling thickness 2 mm max. ceiling thickness 25 mm |
| recessed depth 100 mm |

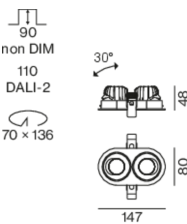
¹ incl. consideration of optical losses & internal control unit losses
² Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 2 lamps; surface matt silver; 360° rotatable and 30° tilttable; installation without tools in mounting set due to patented ball catch system; oval 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; 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 26° 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



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 with trim 2 lamps

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------------|------------|-------------------|
| for intermediate ceilings | white aluminium | 147-80-21 | 048-269831G |



POWER SUPPLY

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



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|-----------------|-------------|-------------------|
| white aluminium | 614-307-120 | 048-2695110 |



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 |

