

SASSO 60 round adjustable

trim 2 lamps

048-2622617W 048-2698317 002-90771

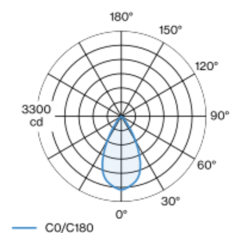


| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



Round recessed spotlight in die-cast aluminium; 2 lamps; surface white; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim traffic white; 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 4000 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 54° beam; degree of protection from below IP40 (from above IP20); PC2 220-240V; 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° |
| white , RAL9016 ¹ |
| Mounting set traffic white |
| front IP40 , back IP20 |
| 2220 lm |

LED

| |
|---|
| 4000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 97 , R _r : 90 , R ₍₁₋₅₎ : 89 |
| MR 0.81 |
| MDER 0.74 |

Optical

| |
|---------------------------------------|
| wide flood |
| beam angle 54° |
| $\geq 65^\circ < 3000 \text{ cd/m}^2$ |
| PstLM ≤ 1.0 ² |
| SVM ≤ 0.4 ² |

Electrical

| |
|---------------------|
| non DIM |
| 25.2 W |
| total insets 21.4 W |
| PC2 220-240V |
| 88 lm/W |

Physical

| |
|---------------|
| trim |
| length 147 mm |
| width 80 mm |
| height 48 mm |
| 0.26 kg |

Cutout

| |
|------------------------------|
| diameter 70 mm |
| length 136 mm |
| min. ceiling thickness 2 mm |
| max. ceiling thickness 25 mm |
| recessed depth 90 mm |

¹ RAL code 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 | 0.96 | 0.92 | 0.88 | 0.85 | 0.81 |
| 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 Faktor | | |

^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 | 43 |
| B13 | 55 |
| B16 | 68 |
| B20 | 85 |
| C10 | 72 |
| C13 | 94 |
| C16 | 116 |
| C20 | 145 |

Components

MOUNTING SET with trim 2 lamps

| | | | |
|-----------------------------------|-------------------------|-------------------------|----------------------------------|
| TYPE for intermediate ceilings | COLOUR traffic white | L-W-H (MM) 147-80-21 | ARTICLE NUMBER(S) 048-2698317 |
|-----------------------------------|-------------------------|-------------------------|----------------------------------|



CONVERTER

| | |
|------------------------|--------------------------------|
| L-W-H (MM) 85-40-22 | ARTICLE NUMBER(S) 002-90771 |
|------------------------|--------------------------------|



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

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



Optional electrical accessories

DIN RAIL POWER SUPPLY

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



DIN RAIL LED DRIVER

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

