

SASSO 60 round downlight

trim 2 lamps

048-2602217F 048-2698317 002-90742



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



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

General

| |
|------------------------------|
| Ceiling , Recessed |
| rotation 360° |
| white , RAL9016 ¹ |
| Mounting set traffic white |
| front IP44 , back IP20 |
| 1840 lm |

LED

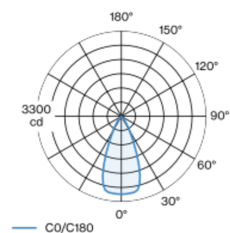
| |
|--|
| 3500 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 , R _f : 90 , R ₍₁₋₁₅₎ : 89 |
| MR 0.7 |
| MDER 0.64 |

Optical

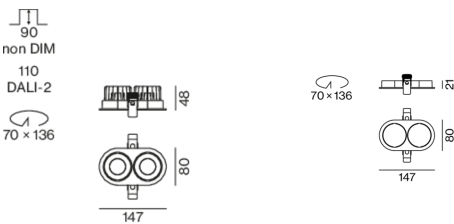
| |
|---|
| flood |
| beam angle 46° |
| UGR < 19 , ≥65° <1500 cd/m ² |
| P _{st} LM ≤ 1.0 ² |
| SVM ≤ 0.4 ² |

Round recessed spotlight in die-cast aluminium; 2 lamps; surface white; 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 3500 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 46° beam; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection from below IP44 (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



Electrical

| |
|-----------------------------|
| non DIM |
| system 20.5 W |
| inset 8.7 W |
| 36 Vf |
| 250 mA |
| total insets 17.4 W |
| PC2 220-240V |
| system 90 lm/W ³ |
| inset 106 lm/W ⁴ |

Physical

| |
|---------------|
| trim |
| length 147 mm |
| width 80 mm |
| height 48 mm |
| 0.28 kg |

Cutout

| |
|------------------------------|
| diameter 70 mm |
| length 70 mm |
| width 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)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ incl. optical losses



SASSO 60 round downlight

trim 2 lamps

048-2602217F 048-2698317 002-90742



Project / Type

Notes

Count / Date

Installation
instructions



Lighting
calculator



SASSO 60 round downlight

trim 2 lamps

048-2602217F 048-2698317 002-90742



Project / Type

Notes

Count / Date

Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---|--------|--------|
| LLMF | 0.964 | 0.923 | 0.884 | 0.847 | 0.811 |
| 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 | 57 |
| B13 | 75 |
| B16 | 92 |
| B20 | 115 |
| C10 | 57 |
| C13 | 75 |
| C16 | 92 |
| C20 | 115 |

Components

MOUNTING SET with trim 2 lamps

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

POWER SUPPLY

| | | |
|------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 10 W | 65-39-20 | 002-90742 |

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 POWER SUPPLY

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

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 |

