

SASSO 100 round adjustable

trim

048-2720911M 048-2796317 002-90767



Project / Type

Notes

Count / Date



| | |
|-------------------------------|--|
| General | |
| Ceiling Recessed | |
| tilt max 30° | |
| rotation 360° | |
| black RAL 9005 ¹ | |
| Mounting set traffic white | |
| front IP40 back IP20 | |
| 1640 lm | |
| fixture 108 lm/W ² | |

| | |
|---|--|
| LED | |
| 2700 K | |
| CRI ≥ 90 | |
| L80 / 50000 h | |
| initial MacAdam ≤ 2 SDCM | |
| R _g : 97 R _f : 91 R _{f(1-15)} : 87 | |
| MR 0.52 MDER 0.47 | |

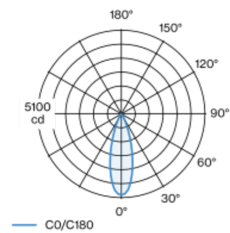
| | |
|---|--|
| Optical | |
| medium beam angle 31° | |
| UGR ≤ 13 ≥65° <1500 cd/m ² | |
| PstLM ≤ 1.0 ³ SVM ≤ 0.4 ³ | |

| | |
|--------------------------------|--|
| Electrical | |
| DALI-2 1 DALI Addr. | |
| PC2 220-240 V | |
| system 17.9 W fixture 15.2 W | |
| 36 Vf 450 mA | |

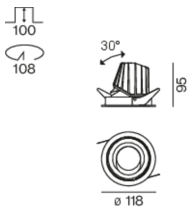
| | |
|--------------------------------|--|
| Physical | |
| trim | |
| diameter 118 mm height 95 mm | |
| 0.48 kg | |

| | |
|--|--|
| Cutout | |
| diameter 108 mm | |
| min. ceiling thickness 2 mm max. ceiling thickness 25 mm | |
| recessed depth 100 mm | |

Light distribution



Product drawing



¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ 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 | 0.964 | 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 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 1 lamp

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------------------|---------------|--------|-------------------|
| for intermediate ceilings | traffic white | 118 | 048-2796317 |



POWER SUPPLY

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 143-43-30 | 002-90767 |

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

| 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 |



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Optional electrical accessories

POWER SUPPLY PREWIRED

| TYPE | ARTICLE NUMBER(S) |
|-------------------|-------------------|
| with junktion box | 002-90767A |
| with junktion box | 002-90789A |
| with junktion box | 002-90776A |
| with junktion box | 002-90766A |
| with junktion box | 002-90780A |
| with junktion box | 002-90774A |

Electrical accessories

THROUGH WIRING CONNECTION BOX

| TYPE | L·W·H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| non DIM cable ø 4 – 12 mm, Linect®-Ready | 105-58-30 | 005-2531110 |
| DALI cable ø 4 – 12 mm, Linect®-Ready | 105-58-30 | 005-2551110 |



Optical accessories

HONEYCOMB LOUVER

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|-----------|--------|-------------------|
| jet black | 50 | 007-1965598 |

