

SASSO 100 round wallwasher/floor trim soft acoustic ceiling

048-2740019W 048-2796398 002-90780



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



General

| |
|--|
| Ceiling , Recessed |
| rotation 360° |
| gold , RAL 260-M ¹ |
| Mounting set traffic black for acoustic ceilings |
| IP20 |
| 2660 lm |
| fixture 124 lm/W ² |

LED

| |
|--|
| 3000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 , R _r : 90 , R _{t(1-5)} : 87 |
| MR 0.6 |
| MDER 0.54 |

Optical

| |
|------------------|
| wallwasher floor |
|------------------|

Electrical

| |
|----------------|
| non DIM |
| 220-240 V |
| system 25.2 W |
| fixture 21.5 W |
| 36 Vf |
| 650 mA |
| PC2 |

Physical

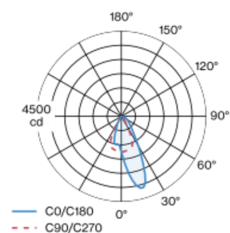
| |
|--------------------------------|
| with trim for acoustic ceiling |
| diameter 114 mm |
| height 96 mm |
| 0.74 kg |

Cutout

| |
|------------------------------|
| diameter 100 mm |
| min. ceiling thickness 25 mm |
| max. ceiling thickness 40 mm |
| recessed depth 100 mm |

Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; 360° rotatable; 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; no multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; with specially computed, asymmetrical reflector for homogeneous lighting intensity; high quality reflector with micro-faceted, aluminum-vaporised surface; PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code
² incl. consideration of optical losses & internal control unit losses

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 | 33 |
| B16 | 53 |
| B20 | 67 |
| B25 | 83 |
| C10 | 40 |
| C16 | 64 |
| C20 | 80 |
| C25 | 100 |

Components

MOUNTING SET trim for soft acoustic ceilings

| | | |
|-------------------------------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| traffic black for acoustic ceilings | 114 | 048-2796398 |



CONVERTER

| | | |
|------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 31 W | 143-43-30 | 002-90780 |



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

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



Mounting accessories

MOUNTING TOOL

| | | |
|---------------|------------|-------------------|
| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
| traffic black | 104-104-35 | 048-2795910 |



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 |



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POWER SUPPLY PREWIRED

| TYPE | ARTICLE NUMBER(S) |
|-----------------------------|-------------------|
| with junktion box DALI-2 | 002-90767A |
| with junktion box DALI-2 | 002-90789A |
| with junktion box DALI-2 | 002-90776A |
| with junktion box non DIM | 002-90766A |
| with junktion box non DIM | 002-90780A |
| with junktion box non DIM | 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 |

