

SASSO 100 square wallwasher/floor

trim

048-2750911W 048-2797317 002-90780

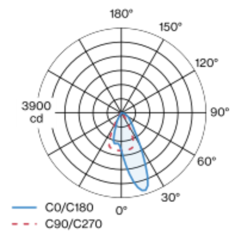


| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |



Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; square 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 2700 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



General

| | |
|-------------------------------|--|
| Ceiling , Recessed | |
| black , RAL 9005 ¹ | |
| Mounting set traffic white | |
| IP20 | |
| 2540 lm | |
| fixture 118 lm/W ² | |

LED

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

Optical

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

Electrical

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

Physical

| | |
|---------------|--|
| trim | |
| length 118 mm | |
| width 118 mm | |
| height 96 mm | |
| 0.7 kg | |

Cutout

| | |
|------------------------------|--|
| length 112 mm | |
| width 112 mm | |
| min. ceiling thickness 2 mm | |
| max. ceiling thickness 25 mm | |
| recessed depth 100 mm | |

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 with trim

| | | | |
|-----------------------------------|-------------------------|--------------------------|----------------------------------|
| TYPE for intermediate ceilings | COLOUR traffic white | L-W-H (MM) 118-118-35 | ARTICLE NUMBER(S) 048-2797317 |
|-----------------------------------|-------------------------|--------------------------|----------------------------------|



CONVERTER

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



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

| | | |
|---------------|------------------------|----------------------------------|
| TYPE 160 W | 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 |
|--|------------------------|----------------------------------|



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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 |

