

SASSO 100 round wallwasher trimless soft acoustic ceiling

048-2740119A 048-2796197 002-90780



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



General

| |
|---|
| Ceiling , Recessed |
| rotation 360° |
| gold , RAL 260-M ¹ |
| Mounting set signal white for acoustic ceilings |
| IP20 |
| 2320 lm |
| fixture 98 lm/W ² |

LED

| |
|---|
| 4000 K |
| CRI ≥ 90 |
| L85 / 50000 h |
| initial MacAdam ≤ 3 SDCM |
| R _g : 99 , R _r : 92 , R ₍₁₋₅₎ : 90 |
| MR 0.81 |
| MDER 0.74 |

Optical

| |
|------------|
| wallwasher |
|------------|

Electrical

| |
|----------------|
| non DIM |
| 220-240 V |
| system 27.8 W |
| fixture 23.7 W |
| 36 Vf |
| 650 mA |
| PC2 |

Physical

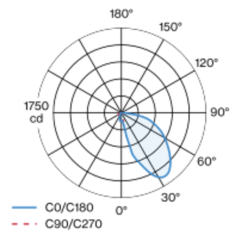
| |
|-------------------------------|
| trimless for acoustic ceiling |
| diameter 114 mm |
| height 96 mm |
| 0.74 kg |

Cutout

| |
|------------------------------|
| diameter 100 mm |
| min. ceiling thickness 25 mm |
| max. ceiling thickness 40 mm |
| recessed depth 120 mm |

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

Light distribution



Product drawing



Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.981 | 0.959 | 0.937 | 0.916 | 0.895 |
| 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 trimless for soft acoustic ceilings

| | | |
|------------------------------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| signal white for acoustic ceilings | 114 | 048-2796197 |



CONVERTER

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



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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Optional electrical accessories

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 |

