

# SASSO 100 round adjustable

trim

048-2720914S 048-2796317 002-90789



Project / Type

Notes

Count / Date



|                               |
|-------------------------------|
| General                       |
| Ceiling   Recessed            |
| tilt max 30°                  |
| rotation 360°                 |
| matt silver                   |
| Mounting set traffic white    |
| front IP40   back IP20        |
| 2340 lm                       |
| fixture 103 lm/W <sup>1</sup> |

|   |
|---|
| LED   |
| 2700 K  |
| CRI ≥ 90  |
| L80 / 50000 h   |
| initial MacAdam ≤ 2 SDCM  |
| R <sub>g</sub> : 97   R <sub>f</sub> : 91   R <sub>f(1-15)</sub> : 87 |
| MR 0.52   MDER 0.47   |

|   |
|---|
| Optical   |
| spot   beam angle 20°                             |
| UGR ≤ 13  |
| PstLM ≤ 1.0 <sup>2</sup>   SVM ≤ 0.4 <sup>2</sup> |

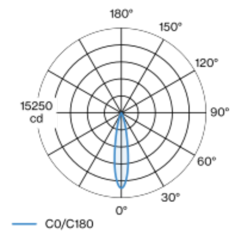
|                                |
|--------------------------------|
| Electrical                     |
| DALI-2   1 DALI Addr.          |
| PC2   220-240 V                |
| system 26.7 W   fixture 22.7 W |
| 36 Vf   650 mA                 |

|                                |
|--------------------------------|
| Physical                       |
| trim                           |
| diameter 118 mm   height 95 mm |
| 0.57 kg                        |

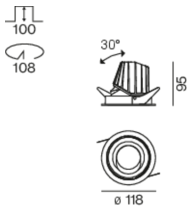
|  |
|--|
| Cutout   |
| diameter 108 mm  |
| min. ceiling thickness 2 mm   max. ceiling thickness 25 mm |
| recessed depth 100 mm                                      |

<sup>1</sup> incl. consideration of optical losses & internal control unit losses  
<sup>2</sup> Value of containing product at full load (undimmed)

## 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               | 0.964                        | 0.923  | 0.884             | 0.847                           | 0.811  |
| LSF                | 1                            | 1      | 1                 | 1                               | 1      |
| MF                 | LMF × RSMF × LLMF × LSF      |        | RSMF <sup>a</sup> | Room Surface Maintenance Factor |        |
| MF                 | Maintenance Factor           |        | LLMF              | Lamp Lumens Maintenance Factor  |        |
| LMF <sup>a</sup>   | Luminaire Maintenance Factor |        | LSF               | Lamp Survival Factor            |        |

<sup>a</sup> 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  | 002-90789         |



## 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) |
|---------------------------------|------------|-------------------|
| 2 × 42W   48V DC   UOUT 10–40 V | 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       |

