

# SASSO 100 round adjustable trim soft acoustic ceiling

048-2720217F 048-2796397 002-90767



Project / Type

Notes

Count / Date



IP20  
IP40

X-PERT

220-240 V

|                                       |
|---------------------------------------|
| General                               |
| Ceiling   Recessed                    |
| tilt max 30°                          |
| rotation 360°                         |
| traffic white   RAL 9016 <sup>1</sup> |
| Mounting set traffic white            |
| front IP40   back IP20                |
| 1750 lm                               |
| fixture 115 lm/W <sup>2</sup>         |

|  |
|--|
| LED  |
| 3500 K   |
| CRI ≥ 90   |
| L80 / 50000 h  |
| initial MacAdam ≤ 2 SDCM   |
| R <sub>g</sub> : 99   R <sub>f</sub> : 90   R <sub>[1-15]</sub> : 89 |
| MR 0.7   MDER 0.64   |

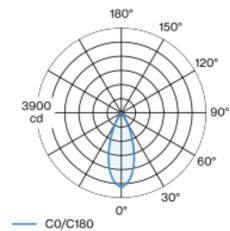
|   |
|---|
| Optical   |
| flood   beam angle 39°                            |
| UGR ≤ 19  |
| PstLM ≤ 1.0 <sup>3</sup>   SVM ≤ 0.4 <sup>3</sup> |

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

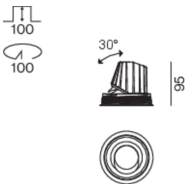
|                                |
|--------------------------------|
| Physical                       |
| with trim for acoustic ceiling |
| diameter 114 mm   height 95 mm |
| 0.56 kg                        |

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

## Light distribution



## Product drawing



<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> 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 <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 trim for soft acoustic ceilings

|               |        |                   |
|---------------|--------|-------------------|
| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 114    | 048-2796397       |



### 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       |



## 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

|            |                   |
|------------|-------------------|
| 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 10–40V | 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       |

