

# SASSO PRO 100

## adjustable offset trim round

048-2412D37F 052-1932447



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



|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

|                              |
|------------------------------|
| <b>General</b>               |
| Ceiling , Recessed           |
| tilt max 35°                 |
| rotation 360°                |
| white , RAL9016 <sup>1</sup> |
| Mounting set traffic white   |
| IP20                         |
| 2210 lm                      |

|   |
|---|
| <b>LED</b>  |
| tunable white   |
| 2700 K - 6500 K   |
| CRI ≥ 92  |
| L90 / 50000 h   |
| initial MacAdam ≤ 3 SDCM  |
| R <sub>g</sub> : 97 , R <sub>f</sub> : 88 , R <sub>t(1-15)</sub> : 88 |
| MR 1.15   |
| MDER 1.04   |

|                          |
|--------------------------|
| <b>Optical</b>           |
| flood                    |
| beam angle 38°           |
| PstLM ≤ 1.0 <sup>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

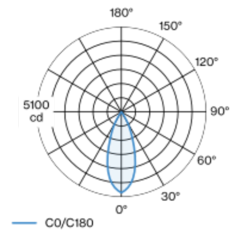
|                   |
|-------------------|
| <b>Electrical</b> |
| DALI-2            |
| 27.7 W            |
| PC2 220-240V      |
| 80 lm/W           |
| 2 DALI Addr.      |

|                 |
|-----------------|
| <b>Physical</b> |
| trim            |
| diameter 112 mm |
| height 106 mm   |
| 0.59 kg         |

|                              |
|------------------------------|
| <b>Cutout</b>                |
| diameter 108 mm              |
| min. ceiling thickness 5 mm  |
| max. ceiling thickness 25 mm |
| recessed depth 130 mm        |

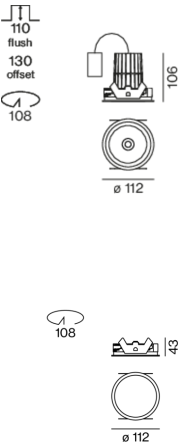
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

### Light distribution



| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 4850     | 0.69  |
| 2     | 1210     | 1.38  |
| 3     | 540      | 2.07  |
| 4     | 300      | 2.76  |
| 5     | 190      | 3.45  |

### 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               | 0.98                         | 0.96   | 0.94              | 0.92                            | 0.9    |
| 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 Faktor            |        |

<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

| TYPE               | COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|--------------------|---------------|--------|-------------------|
| round offset 17 mm | traffic white | 112    | 052-1932447       |



### Mounting accessories

#### THROUGH WIRING CONNECTION BOX

| TYPE                      | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|------------|-------------------|
| non DIM cable ø 4 – 12 mm | 105-58-30  | 005-2531110       |
| DALI cable ø 4 – 12 mm    | 105-58-30  | 005-2551110       |



### Mounting accessories

#### PRIMED CONCRETE MOUNTING HOUSING

| L-W-H (MM)  | ARTICLE NUMBER(S) |
|-------------|-------------------|
| 240-400-130 | 052-1914420       |



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### Optical accessories

#### HONEYCOMB LOUVER

| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 74     | 048-2191317       |
| jet black     | 74     | 048-2191318       |



#### LINEAR PRISMATIC LENS

| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 74     | 048-2192317       |
| jet black     | 74     | 048-2192318       |



#### SNOOT

| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 74     | 048-2191117       |
| jet black     | 74     | 048-2191118       |



#### SNOOT WITH HONEYCOMB LOUVER

| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 74     | 048-2191217       |
| jet black     | 74     | 048-2191218       |

