

# SASSO PRO 100

## adjustable offset trim square

048-2412637W 052-1952417



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



### General

|                               |  |
|-------------------------------|--|
| Ceiling , Recessed            |  |
| tilt max 35°                  |  |
| rotation 360°                 |  |
| white , RAL 9016 <sup>1</sup> |  |
| Mounting set traffic white    |  |
| IP20                          |  |
| 2280 lm                       |  |

### LED

|  |  |
|--|--|
| 4000 K   |  |
| CRI ≥ 90   |  |
| L80 / 50000 h  |  |
| initial MacAdam ≤ 3 SDCM   |  |
| R <sub>g</sub> : 97 , R <sub>r</sub> : 89 , R <sub>(1-15)</sub> : 91 |  |
| MR 0.85  |  |
| MDER 0.77  |  |

### Optical

|                          |  |
|--------------------------|--|
| wide flood               |  |
| beam angle 57°           |  |
| PstLM ≤ 1.0 <sup>2</sup> |  |
| SVM ≤ 0.4 <sup>2</sup>   |  |

### Electrical

|                             |  |
|-----------------------------|--|
| DALI-2                      |  |
| 220-240 V                   |  |
| system 27.0 W               |  |
| system 84 lm/W <sup>3</sup> |  |
| PC2                         |  |
| 1 DALI Addr.                |  |

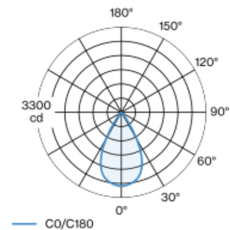
### Physical

|               |  |
|---------------|--|
| trim          |  |
| length 112 mm |  |
| width 112 mm  |  |
| height 106 mm |  |
| 0.63 kg       |  |

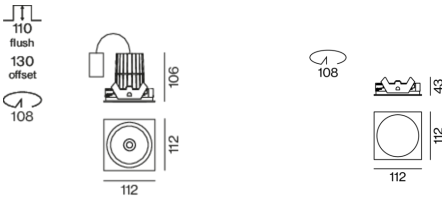
### Cutout

|                              |  |
|------------------------------|--|
| diameter 108 mm              |  |
| min. ceiling thickness 5 mm  |  |
| max. ceiling thickness 25 mm |  |
| recessed depth 130 mm        |  |

### Light distribution



### Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

### Installation instructions



### Lighting calculator



# SASSO PRO 100

## adjustable offset trim square

048-2412637W 052-1952417



Project / Type

Notes

Count / Date

### Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000  | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---|--------|--------|
| LLMF               | 0.95                         | 0.91   | 0.87  | 0.83   | 0.8    |
| 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        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------|---------------|------------|-------------------|
| square offset 17 mm | traffic white | 112-112-43 | 052-1952417       |



### Mounting 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       |



### Mounting accessories

#### PRIMED CONCRETE MOUNTING HOUSING

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



# SASSO PRO 100

## adjustable offset trim square

048-2412637W 052-1952417



Project / Type

Notes

Count / Date

### 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       |

