

# SASSO PRO 100

## adjustable flush trim square

048-2412617F 052-1942417



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



**General**

Ceiling , Recessed

tilt max 35°

rotation 360°

white , RAL9016 <sup>1</sup>

Mounting set traffic white

IP20

2420 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**

flood

beam angle 38°

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

**Electrical**

non DIM

27.0 W

PC2 220-240V

90 lm/W

**Physical**

trim

length 112 mm

width 112 mm

height 106 mm

0.62 kg

**Cutout**

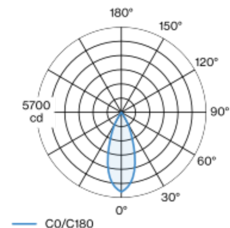
diameter 108 mm

min. ceiling thickness 5 mm

max. ceiling thickness 25 mm

recessed depth 110 mm

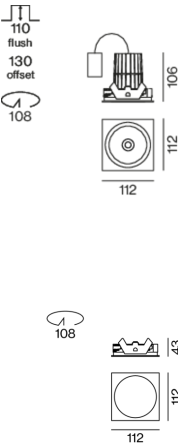
### Light distribution



flood 38°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 5310     | 0.69  |
| 2     | 1330     | 1.38  |
| 3     | 590      | 2.07  |
| 4     | 330      | 2.76  |
| 5     | 210      | 3.45  |

### Product drawing



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

### Installation instructions

### Lighting calculator



# SASSO PRO 100

## adjustable flush trim square

048-2412617F 052-1942417



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                            | 20                 |
| B16                            | 32                 |
| C10                            | 33                 |
| C16                            | 53                 |

### Components

#### MOUNTING SET

| TYPE         | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|--------------|---------------|------------|-------------------|
| square flush | traffic white | 112-112-43 | 052-1942417       |



### 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       |



# SASSO PRO 100

## adjustable flush trim square

048-2412617F 052-1942417



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       |

