

# SASSO PRO 100

## adjustable

flush trimless

048-2413537F 052-1921447



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



### General

|                              |
|------------------------------|
| Ceiling , Recessed           |
| tilt max 35°                 |
| rotation 360°                |
| white , RAL9016 <sup>1</sup> |
| IP20                         |
| 2810 lm                      |

### LED

|   |
|---|
| 3000 K  |
| CRI ≥ 90  |
| L90 / 50000 h   |
| initial MacAdam ≤ 3 SDCM  |
| R <sub>g</sub> : 100 , R <sub>f</sub> : 89 , R <sub>(f-15)</sub> : 89 |
| MR 0.56   |
| MDER 0.51   |

### Optical

|                          |
|--------------------------|
| flood                    |
| beam angle 39°           |
| PstLM ≤ 1.0 <sup>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

### Electrical

|                              |
|------------------------------|
| DALI-2                       |
| 220-240 V                    |
| system 27.0 W                |
| PC2                          |
| system 104 lm/W <sup>3</sup> |
| 1 DALI Addr.                 |

### Physical

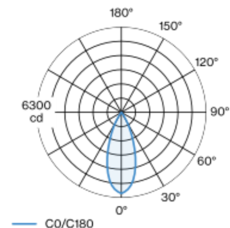
|                 |
|-----------------|
| trimless        |
| diameter 105 mm |
| height 106 mm   |
| 0.64 kg         |

### Cutout

|                                |
|--------------------------------|
| diameter 116 mm                |
| min. ceiling thickness 12.5 mm |
| max. ceiling thickness 25 mm   |
| recessed depth 110 mm          |

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

### Light distribution



flood 39°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 5980     | 0.71  |
| 2     | 1500     | 1.42  |
| 3     | 660      | 2.13  |
| 4     | 370      | 2.84  |
| 5     | 240      | 3.54  |

### Product drawing



### Installation instructions



### Lighting calculator



# SASSO PRO 100

## adjustable

flush trimless

048-2413537F 052-1921447



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

Notes \_\_\_\_\_

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

### 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  | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------|------------|-------------------|
| flush | 149-113-33 | 052-1921447       |



#### 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 trimless  
048-2413537F 052-1921447



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       |

