

# SASSO PRO 80 adjustable

trimless exposed concrete

048-2312418M 060-00080



Project / Type

Notes

Count / Date



220-240V

### General

Ceiling , Recessed

tilt max 35°

rotation 360°

black , RAL9005 <sup>1</sup>

IP20

966 lm

### LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 100 , R<sub>f</sub>: 89 , R<sub>f(1-15)</sub>: 86

MR 0.49

MDER 0.44

### Optical

medium

beam angle 26°

≥65° <3000 cd/m<sup>2</sup>

P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

### Electrical

non DIM

12.2 W

PC2 220-240V

79 lm/W

### Physical

trimless

length 229 mm

width 227 mm

height 160 mm

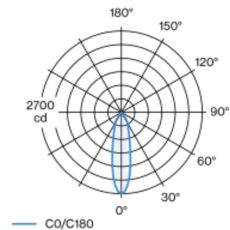
2.15 kg

### Cutout

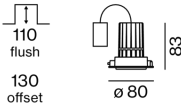
recessed depth 158 mm

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

### Light distribution



### 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                            | 31                 |
| B13                            | 40                 |
| B16                            | 50                 |
| B20                            | 62                 |
| B25                            | 78                 |
| C10                            | 52                 |
| C13                            | 67                 |
| C16                            | 85                 |
| C20                            | 104                |
| C25                            | 130                |

## Components

### EXPOSED CONCRETE MOUNTING ACCESSORY

|             |                   |
|-------------|-------------------|
| L-W-H (MM)  | ARTICLE NUMBER(S) |
| 229-227-160 | 060-00080         |



### Optical accessories

#### HONEYCOMB LOUVER

|               |        |                   |
|---------------|--------|-------------------|
| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 54     | 048-2091317       |
| jet black     | 54     | 048-2091318       |



#### LINEAR PRISMATIC LENS

|               |        |                   |
|---------------|--------|-------------------|
| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 54     | 048-2092317       |
| jet black     | 54     | 048-2092318       |



#### SNOOT

|               |        |                   |
|---------------|--------|-------------------|
| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 54     | 048-2091117       |
| jet black     | 54     | 048-2091118       |



#### SNOOT WITH HONEYCOMB LOUVER

|               |        |                   |
|---------------|--------|-------------------|
| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 54     | 048-2091217       |
| jet black     | 54     | 048-2091218       |

