

# SASSO 60 round adjustable

trimless exposed concrete

048-2622614M 048-2695210 002-90771



Project / Type

Notes

Count / Date



↑ IP20

↓ IP40

220-240V

General

Ceiling , Recessed

tilt max 30°

rotation 360°

matt silver

front IP40 , back IP20

1050 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 97 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 89

MR 0.81

MDER 0.74

Optical

medium

beam angle 21°

UGR < 16

P<sub>stLM</sub> ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

Electrical

non DIM

12.6 W

PC2 220-240V

83 lm/W

Physical

trimless

length 230 mm

width 230 mm

height 162 mm

2.35 kg

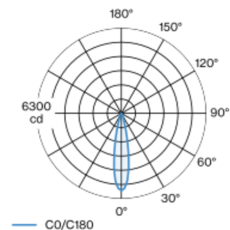
Cutout

recessed depth 60 mm

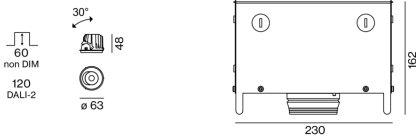
<sup>1</sup> Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; concrete housings for exposed concrete ceilings; for trimless installation; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 21° beam; UGR ≤ 16; degree of protection from below IP40 (from above IP20); PC2 220-240V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## 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               | 0.96                         | 0.92   | 0.88              | 0.85                            | 0.81   |
| 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                            | 43                 |
| B13                            | 55                 |
| B16                            | 68                 |
| B20                            | 85                 |
| C10                            | 72                 |
| C13                            | 94                 |
| C16                            | 116                |
| C20                            | 145                |

### Components

#### EXPOSED CONCRETE MOUNTING HOUSING

|                 |             |                   |
|-----------------|-------------|-------------------|
| COLOUR          | L·W·H (MM)  | ARTICLE NUMBER(S) |
| white aluminium | 230-230-162 | 048-2695210       |



#### CONVERTER

|            |                   |
|------------|-------------------|
| L·W·H (MM) | ARTICLE NUMBER(S) |
| 85-40-22   | 002-90771         |



### Optional electrical accessories

#### DIN RAIL POWER SUPPLY

|            |                   |
|------------|-------------------|
| L·W·H (MM) | ARTICLE NUMBER(S) |
| 72-90-63   | 005-6520210       |



#### DIN RAIL LED DRIVER

|                                |            |                   |
|--------------------------------|------------|-------------------|
| TYPE                           | L·W·H (MM) | ARTICLE NUMBER(S) |
| DALI-2   200-1050 mA   2 x 42W | 36-88-59   | 005-6121030       |

