

# SASSO 60 round downlight

trim

048-2602117S 048-2696318 002-90771



Project / Type

Notes

Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim jet black; suitable for ceiling thickness of 2-25 mm; 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  $\leq 2$  SDCM; CRI  $\geq 90$ ; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 15° beam; UGR  $\leq 19$ ; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling , Recessed

rotation 360°

white , RAL 9016 <sup>1</sup>

Mounting set jet black

front IP44 , back IP20

974 lm

fixture 90 lm/W<sup>2</sup>

## LED

4000 K

CRI  $\geq 90$

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 98 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 88

MR 0.8

MDER 0.72

## Optical

spot

beam angle 15°

UGR  $\leq 19$

PstLM  $\leq 1.0$  <sup>3</sup>

SVM  $\leq 0.4$  <sup>3</sup>

## Electrical

non DIM

220-240 V

system 12.8 W

fixture 10.9 W

36 Vf

300 mA

PC2

## Physical

trim

diameter 80 mm

height 48 mm

0.23 kg

## Cutout

diameter 73 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 60 mm

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

## Installation instructions



## Lighting calculator



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## 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

### MOUNTING SET with trim 1 lamp

|                                   |                     |              |                                  |
|-----------------------------------|---------------------|--------------|----------------------------------|
| TYPE<br>for intermediate ceilings | COLOUR<br>jet black | Ø (MM)<br>80 | ARTICLE NUMBER(S)<br>048-2696318 |
|-----------------------------------|---------------------|--------------|----------------------------------|



### POWER SUPPLY

|              |                        |                                |
|--------------|------------------------|--------------------------------|
| TYPE<br>13 W | L·W·H (MM)<br>85-40-22 | ARTICLE NUMBER(S)<br>002-90771 |
|--------------|------------------------|--------------------------------|



## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

|                           |                           |                                  |
|---------------------------|---------------------------|----------------------------------|
| COLOUR<br>white aluminium | L·W·H (MM)<br>614-307-120 | ARTICLE NUMBER(S)<br>048-2695110 |
|---------------------------|---------------------------|----------------------------------|



## Optional electrical accessories

### DIN RAIL LED DRIVER

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



### DIN RAIL POWER SUPPLY

|               |                        |                                  |
|---------------|------------------------|----------------------------------|
| TYPE<br>160 W | L·W·H (MM)<br>72-90-63 | ARTICLE NUMBER(S)<br>005-6520210 |
|---------------|------------------------|----------------------------------|



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## Optional electrical accessories

### POWER SUPPLY PREWIRED

| TYPE                        | ARTICLE NUMBER(S) |
|-----------------------------|-------------------|
| with junktion box   DALI-2  | 002-90790A        |
| with junktion box   DALI-2  | 002-90748A        |
| with junktion box   non DIM | 002-90771A        |
| with junktion box   non DIM | 002-90742A        |

## Optional electrical accessories

### POWER SUPPLY

| TYPE                       | L·W·H (MM) | ARTICLE NUMBER(S) |
|----------------------------|------------|-------------------|
| with loop through function | 185-30-21  | 002-90770         |
| with loop through function | 185-30-21  | 002-90747         |

