

# SASSO 60 square downlight

trim 2 lamps

048-2612919S 048-269931G 002-90790



Project / Type

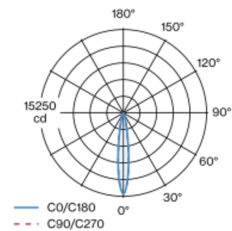
Notes

Count / Date



Recessed square spotlight in die-cast aluminium; 2 lamps; surface gold; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim white aluminium; 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 2700 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  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling | Recessed

gold | RAL 260-M<sup>1</sup>

Mounting set white aluminium

front IP44 | back IP20

1720 lm

fixture 79 lm/W<sup>2</sup>

## LED

2700 K

CRI  $\geq 90$

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 97 | R<sub>r</sub>: 91 | R<sub>f(1-15)</sub>: 87

MR 0.52 | MDER 0.47

## Optical

spot | beam angle 15°

UGR  $\leq 13$  |  $\geq 65^\circ$   $<1500$  cd/m<sup>2</sup>

PstLM  $\leq 1.0$ <sup>3</sup> | SVM  $\leq 0.4$ <sup>3</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 25.5 W | fixture 10.9 W

total fixtures 21.7 W

36 Vf | 300 mA

## Physical

trim

length 147 mm | width 81 mm | height 48 mm

4.7 kg

## Cutout

length 138 mm | width 73 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 100 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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## Components

### MOUNTING SET with trim 2 lamps

| TYPE                      | COLOUR          | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------------|------------|-------------------|
| for intermediate ceilings | white aluminium | 147-81-35  | 048-269931G       |

### POWER SUPPLY

| ARTICLE NUMBER(S) |
|-------------------|
| 002-90790         |

## Mounting accessories

### THROUGH WIRING CONNECTION BOX

| TYPE                                     | L-W-H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| non DIM cable ø 4 – 12 mm, Linect®-Ready | 105-58-30  | 005-253110        |
| DALI cable ø 4 – 12 mm, Linect®-Ready    | 105-58-30  | 005-255110        |

## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

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

## Optional electrical accessories

### DIN RAIL LED DRIVER

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

### DIN RAIL POWER SUPPLY

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

## Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10                            | 72                 |
| B16                            | 115                |
| C10                            | 106                |
| C16                            | 170                |



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## Optional electrical accessories

### POWER SUPPLY PREWIRED

| TYPE              | ARTICLE NUMBER(S) |
|-------------------|-------------------|
| with junktion box | 002-90790A        |
| with junktion box | 002-90748A        |
| with junktion box | 002-90771A        |
| with junktion box | 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         |

