

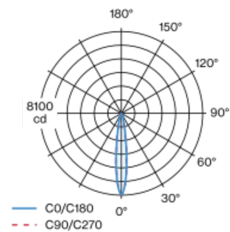
# SASSO 60 square downlight

semi-recessed  
048-30011119S 002-90790

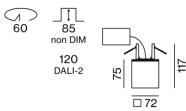


Square semi-recessed spotlight made of aluminium; surface black powder coated; Inner colour lacquered in gold; luminaire housing can be attached to mounting plate without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum 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  $15^\circ$  beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 3000$  cd/m<sup>2</sup>; degree of protection IP40; PC2; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



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



## General

|                               |
|-------------------------------|
| Ceiling , Semi-Recessed       |
| black , RAL 9005 <sup>1</sup> |
| Inner colour gold             |
| front IP40 , back IP20        |
| 935 lm                        |
| fixture 86 lm/W <sup>2</sup>  |

## LED

|   |
|---|
| 4000 K  |
| CRI $\geq 90$   |
| initial MacAdam $\leq 2$ SDCM   |
| R <sub>g</sub> : 98 , R <sub>r</sub> : 90 , R <sub>t(1-15)</sub> : 88 |
| MR 0.8  |
| MDER 0.72   |

## Optical

|  |
|--|
| spot   |
| beam angle $15^\circ$                                    |
| UGR $\leq 16$ , $\geq 65^\circ < 3000$ cd/m <sup>2</sup> |
| PstLM $\leq 1.0$ <sup>3</sup>                            |
| SVM $\leq 0.4$ <sup>3</sup>                              |

## Electrical

|                |
|----------------|
| DALI-2         |
| 220-240 V      |
| system 12.8 W  |
| fixture 10.9 W |
| 36 Vf          |
| 300 mA         |
| PC2            |
| 1 DALI Addr.   |

## Physical

|              |
|--------------|
| length 72 mm |
| width 72 mm  |
| height 75 mm |
| 4.9 kg       |

## Cutout

|                       |
|-----------------------|
| diameter 60 mm        |
| recessed depth 120 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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Notes

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## Circuit Breaker Types

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

## Components

### POWER SUPPLY

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

## Optional electrical accessories

### 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       |



### DIN RAIL POWER SUPPLY

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



## 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         |

