

# SASSO 60 round downlight

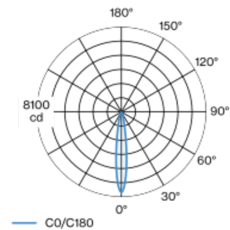
trim

048-2602011S 048-269631G 002-90790



Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round 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 3000 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  $\leq 13$ ; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; 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 , Recessed            |
| rotation 360°                 |
| black , RAL 9005 <sup>1</sup> |
| Mounting set white aluminium  |
| front IP44 , back IP20        |
| 852 lm                        |
| fixture 78 lm/W <sup>2</sup>  |

## LED

|  |
|--|
| 3000 K   |
| CRI $\geq 90$  |
| initial MacAdam $\leq 2$ SDCM  |
| R <sub>g</sub> : 99 , R <sub>f</sub> : 90 , R <sub>(1-15)</sub> : 87 |
| MR 0.6   |
| MDER 0.54  |

## Optical

|   |
|---|
| spot                                      |
| beam angle 15°                            |
| UGR $\leq 13$                             |
| P <sub>stLM</sub> $\leq 1.0$ <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

|                |
|----------------|
| trim           |
| diameter 80 mm |
| height 48 mm   |
| 4.7 kg         |

## Cutout

|                              |
|------------------------------|
| diameter 73 mm               |
| min. ceiling thickness 2 mm  |
| max. ceiling thickness 25 mm |
| recessed depth 110 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



# SASSO 60 round downlight

trim

048-2602011S 048-269631G 002-90790



Project / Type

Notes

Count / Date

### Circuit Breaker Types

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

### Components

#### MOUNTING SET with trim 1 lamp

| TYPE                      | COLOUR          | Ø (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------------|--------|-------------------|
| for intermediate ceilings | white aluminium | 80     | 048-269631G       |



#### POWER SUPPLY

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

### 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) |
|--------------------------------|------------|-------------------|
| 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        |



# SASSO 60 round downlight

trim

048-2602011S 048-269631G 002-90790



Project / Type

Notes

Count / Date

## 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         |

