

# SASSO 60 round adjustable trimless soft acoustic ceiling

048-2622E11M 048-2696197 002-90790



Project / Type

Notes

Count / Date



|                                   |  |
|-----------------------------------|--|
| General                           |  |
| Ceiling   Recessed                |  |
| tilt max 30°                      |  |
| rotation 360°                     |  |
| jet black   RAL 9005 <sup>1</sup> |  |
| Mounting set traffic white        |  |
| front IP40   back IP20            |  |
| 695 lm                            |  |
| fixture 68 lm/W <sup>2</sup>      |  |

|                                                                        |  |
|------------------------------------------------------------------------|--|
| LED                                                                    |  |
| colour warm dimming   1800 K - 3000 K                                  |  |
| CRI ≥ 90                                                               |  |
| L85 / 50000 h                                                          |  |
| initial MacAdam ≤ 3 SDCM                                               |  |
| R <sub>g</sub> : 101   R <sub>f</sub> : 94   R <sub>t(1-15)</sub> : 97 |  |
| MR 0.64   MDER 0.58                                                    |  |

|                                                   |  |
|---------------------------------------------------|--|
| Optical                                           |  |
| medium   beam angle 26°                           |  |
| UGR ≤ 19                                          |  |
| PstLM ≤ 1.0 <sup>3</sup>   SVM ≤ 0.4 <sup>3</sup> |  |

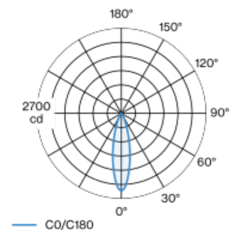
|                                |  |
|--------------------------------|--|
| Electrical                     |  |
| DALI-2   1 DALI Addr.          |  |
| PC2   220-240 V                |  |
| system 12.0 W   fixture 10.2 W |  |
| 300 mA                         |  |

|                               |  |
|-------------------------------|--|
| Physical                      |  |
| trimless for acoustic ceiling |  |
| diameter 80 mm   height 48 mm |  |
| 0.66 kg                       |  |

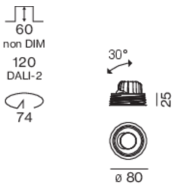
|                                                             |  |
|-------------------------------------------------------------|--|
| Cutout                                                      |  |
| diameter 74 mm                                              |  |
| min. ceiling thickness 25 mm   max. ceiling thickness 40 mm |  |
| recessed depth 120 mm                                       |  |

Round recessed spotlight in die-cast aluminium; 1 lamp; surface jet black; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; traffic white; for trimless installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 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; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 26° beam; UGR ≤ 19; degree of protection from below IP40 (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



<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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## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.96                         | 0.94   | 0.91              | 0.89                            | 0.86   |
| 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 Factor            |        |

<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                            | 72                 |
| B16                            | 115                |
| C10                            | 106                |
| C16                            | 170                |

## Components

### MOUNTING SET trimless for soft acoustic ceilings

|               |        |                   |
|---------------|--------|-------------------|
| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 80     | 048-2696197       |



### POWER SUPPLY

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



## Mounting accessories

### MOUNTING TOOL

|               |            |                   |
|---------------|------------|-------------------|
| COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
| traffic black | 77-77-35   | 048-2695918       |



## Optional electrical accessories

### DIN RAIL LED DRIVER

|                                |            |                   |
|--------------------------------|------------|-------------------|
| TYPE                           | L-W-H (MM) | ARTICLE NUMBER(S) |
| 2 × 42W   48V DC   UOUT 10–40V | 36-88-59   | 005-6121030       |



### DIN RAIL POWER SUPPLY

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



## 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        |



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## 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         |

