

# SASSO 40 round adjustable trim soft acoustic ceiling

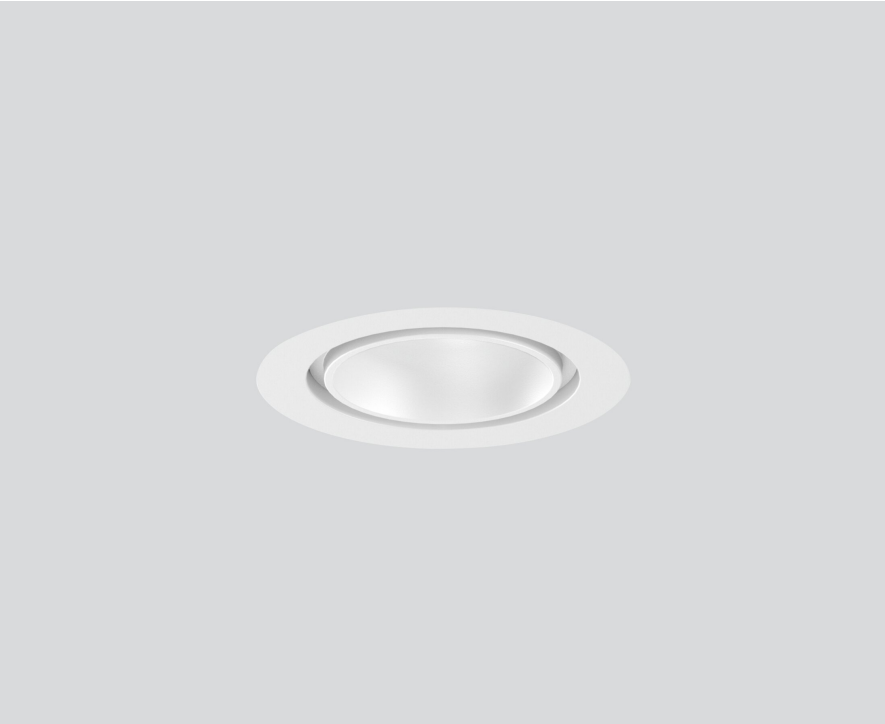
048-2820617S 048-2896397 002-90752



Project / Type

Notes

Count / Date



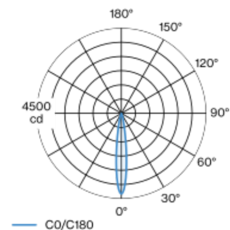
|                                       |
|---------------------------------------|
| General                               |
| Ceiling   Recessed                    |
| tilt max 30°                          |
| rotation 360°                         |
| traffic white   RAL 9016 <sup>1</sup> |
| Mounting set traffic white            |
| front IP40   back IP20                |
| 413 lm                                |
| fixture 81 lm/W <sup>2</sup>          |

|  |
|--|
| LED  |
| 4000 K   |
| CRI ≥ 90   |
| L85 / 50000 h  |
| initial MacAdam ≤ 3 SDCM   |
| R <sub>g</sub> : 94   R <sub>r</sub> : 87   R <sub>1-15</sub> : 90 |
| MR 0.86   MDER 0.78  |

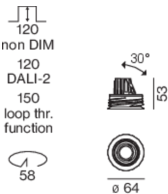
|   |
|---|
| Optical   |
| spot   beam angle 14°                             |
| UGR ≤ 13  |
| PstLM ≤ 1.0 <sup>3</sup>   SVM ≤ 0.4 <sup>3</sup> |

Round recessed spotlight in die-cast aluminium; surface traffic white; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; for installation in soft acoustic ceilings; 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 ≤ 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 14° beam; UGR ≤ 13; degree of protection from below IP40 (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



|                              |
|------------------------------|
| Electrical                   |
| non DIM                      |
| PC2   220-240 V              |
| system 6.2 W   fixture 5.1 W |
| 12 Vf   450 mA               |

|                               |
|-------------------------------|
| Physical                      |
| trim                          |
| diameter 60 mm   height 50 mm |

|  |
|--|
| Cutout   |
| diameter 58 mm   |
| min. ceiling thickness 2 mm   max. ceiling thickness 25 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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## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.98                         | 0.95   | 0.92              | 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                            | 39                 |
| B13                            | 63                 |
| B16                            | 79                 |
| C10                            | 63                 |
| C13                            | 101                |
| C16                            | 126                |

## Components

### MOUNTING SET trim for soft acoustic ceilings

|               |        |                   |
|---------------|--------|-------------------|
| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 64     | 048-2896397       |



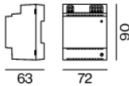
### POWER SUPPLY

|            |                   |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 65-39-20   | 002-90752         |

## Optional electrical accessories

### DIN RAIL POWER SUPPLY

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



### DIN RAIL LED DRIVER

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

