

# SASSO 40 round adjustable trimless soft acoustic ceiling

048-2820419F 048-2896197 002-90753



Project / Type

Notes

Count / Date



|                                    |
|------------------------------------|
| General                            |
| Ceiling   Recessed                 |
| tilt max 30°                       |
| rotation 360°                      |
| gold dust   RAL 260-M <sup>1</sup> |
| Mounting set traffic white         |
| front IP40   back IP20             |
| 378 lm                             |
| fixture 74 lm/W <sup>2</sup>       |

|  |
|--|
| LED  |
| 2700 K   |
| CRI ≥ 90   |
| L85 / 50000 h  |
| initial MacAdam ≤ 3 SDCM   |
| R <sub>g</sub> : 99   R <sub>r</sub> : 91   R <sub>(1-15)</sub> : 89 |
| MR 0.54   MDER 0.49  |

|   |
|---|
| Optical   |
| flood   beam angle 46°                            |
| UGR ≤ 19  |
| PstLM ≤ 1.0 <sup>3</sup>   SVM ≤ 0.4 <sup>3</sup> |

|                              |
|------------------------------|
| Electrical                   |
| DALI-2                       |
| PC2   220-240 V              |
| system 6.2 W   fixture 5.1 W |
| 12 Vf   450 mA               |

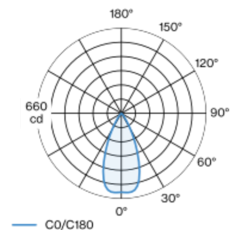
|                               |
|-------------------------------|
| Physical                      |
| trimless                      |
| diameter 56 mm   height 50 mm |

|                       |
|-----------------------|
| Cutout                |
| diameter 58 mm        |
| recessed depth 140 mm |

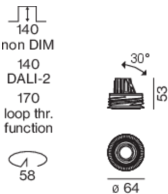
<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; surface gold dust; 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; 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 ≤ 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 46° 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



## Installation instructions



## Lighting calculator



# SASSO 40 round adjustable trimless soft acoustic ceiling

048-2820419F 048-2896197 002-90753



Project / Type

Notes

Count / Date

## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.97                         | 0.94   | 0.91              | 0.88                            | 0.85   |
| 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 | 64     | 048-2896197       |



### POWER SUPPLY

|            |                   |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 147-33-23  | 002-90753         |

## 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       |

