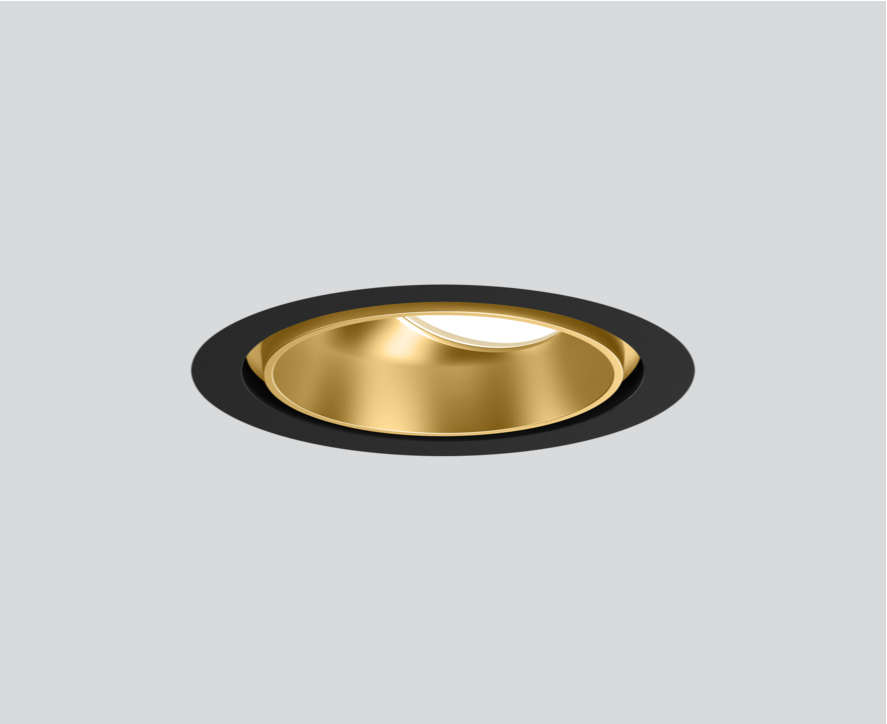


# SASSO 60 round adjustable trim soft acoustic ceiling

048-2622119F 048-2696398 002-90742

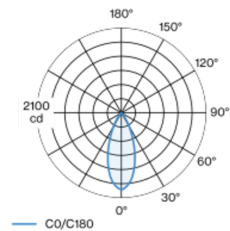


|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |

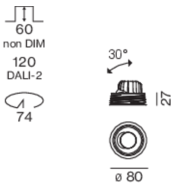


Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic black for acoustic ceilings; for installation in soft acoustic ceilings; suitable 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; light colour 4000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 40° beam; UGR  $\leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; 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



## General

|  |
|--|
| Ceiling , Recessed                               |
| tilt max 30°                                     |
| rotation 360°                                    |
| gold , RAL 260-M <sup>1</sup>                    |
| Mounting set traffic black for acoustic ceilings |
| front IP40 , back IP20                           |
| 981 lm   |
| fixture 92 lm/W <sup>2</sup>                     |

## LED

|  |
|--|
| 4000 K   |
| CRI $\geq 90$  |
| L80 / 50000 h  |
| initial MacAdam $\leq 2$ SDCM                                      |
| R <sub>g</sub> : 98 , R <sub>r</sub> : 90 , R <sub>t-15</sub> : 88 |
| MR 0.8   |
| MDER 0.72  |

## Optical

|   |
|---|
| flood   |
| beam angle 40°  |
| UGR $\leq 19$ , $\geq 65^\circ$ $\leq 1500$ cd/m <sup>2</sup> |
| PstLM $\leq 1.0$ <sup>3</sup>                                 |
| SVM $\leq 0.4$ <sup>3</sup>                                   |

## Electrical

|                |
|----------------|
| non DIM        |
| 220-240 V      |
| system 12.5 W  |
| fixture 10.6 W |
| 36 Vf          |
| 300 mA         |
| PC2            |

## Physical

|                                |
|--------------------------------|
| with trim for acoustic ceiling |
| diameter 80 mm                 |
| height 48 mm                   |
| 0.2 kg                         |

## Cutout

|                              |
|------------------------------|
| diameter 74 mm               |
| min. ceiling thickness 25 mm |
| max. ceiling thickness 40 mm |
| recessed depth 60 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)



**SASSO 60** round  
adjustable trim soft acoustic  
ceiling

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Project / Type

Notes

Count / Date

Installation  
instructions



Lighting  
calculator



# SASSO 60 round adjustable trim soft acoustic ceiling

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Project / Type

Notes

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## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.964                        | 0.923  | 0.884             | 0.847                           | 0.811  |
| 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 Faktor            |        |

<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                            | 43                 |
| B13                            | 55                 |
| B16                            | 68                 |
| B20                            | 85                 |
| C10                            | 72                 |
| C13                            | 94                 |
| C16                            | 116                |
| C20                            | 145                |

## Components

### MOUNTING SET trim for soft acoustic ceilings

|                                     |        |                   |
|-------------------------------------|--------|-------------------|
| COLOUR                              | Ø (MM) | ARTICLE NUMBER(S) |
| traffic black for acoustic ceilings | 80     | 048-2696398       |



### POWER SUPPLY

|      |            |                   |
|------|------------|-------------------|
| TYPE | L·W·H (MM) | ARTICLE NUMBER(S) |
| 10 W | 65·39·20   | 002-90742         |



## Mounting accessories

### MOUNTING TOOL

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



## Optional electrical accessories

### DIN RAIL POWER SUPPLY

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



### 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       |

