

# SASSO 60 round wallwasher trimless soft acoustic ceiling

048-2641111A 048-2696197 002-90748



Project / Type

Notes

Count / Date



|   |
|---|
| General   |
| Ceiling , Recessed                              |
| rotation 360°                                   |
| black , RAL 9005 <sup>1</sup>                   |
| Mounting set signal white for acoustic ceilings |
| IP20  |
| 594 lm  |
| fixture 73 lm/W <sup>2</sup>                    |

|   |
|---|
| LED   |
| 4000 K  |
| CRI ≥ 90  |
| L90 / 50000 h   |
| initial MacAdam ≤ 3 SDCM  |
| R <sub>g</sub> : 102 , R <sub>r</sub> : 93 , R <sub>(1-15)</sub> : 92 |
| MR 0.81   |
| MDER 0.74   |

|                          |
|--------------------------|
| Optical                  |
| wallwasher               |
| PstLM ≤ 1.0 <sup>3</sup> |
| SVM ≤ 0.4 <sup>3</sup>   |

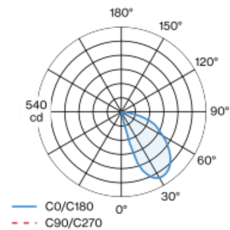
|               |
|---------------|
| Electrical    |
| DALI-2        |
| 220-240 V     |
| system 9.5 W  |
| fixture 8.1 W |
| 36 Vf         |
| 250 mA        |
| PC2           |
| 1 DALI Addr.  |

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

|                              |
|------------------------------|
| 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 black; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; signal white for acoustic ceilings; 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; no multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; with specially computed, asymmetrical reflector for homogeneous lighting intensity; high quality reflector with micro-faceted, aluminum-vaporised surface; 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                         | 0.95   | 0.94              | 0.93                            | 0.92   |
| 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) |
|------------------------------------|--------|-------------------|
| signal white for acoustic ceilings | 80     | 048-2696197       |



### POWER SUPPLY

ARTICLE NUMBER(S)  
002-90748

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



[048-2641111A 048-2696197 002-90748] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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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         |

