

# SASSO 60 round wallwasher trimless soft acoustic ceiling

048-2641914A 048-2696197 002-90771



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

rotation 360°

matt silver

Mounting set signal white for acoustic ceilings

IP20

576 lm

fixture 71 lm/W<sup>1</sup>

## LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 101, R<sub>r</sub>: 91, R<sub>t(1-5)</sub>: 89

MR 0.56

MDER 0.51

## Optical

wallwasher

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM

220-240 V

system 9.5 W

fixture 8.1 W

36 Vf

250 mA

PC2

## Physical

trimless for acoustic ceiling

diameter 80 mm

height 48 mm

0.22 kg

## Cutout

diameter 74 mm

min. ceiling thickness 25 mm

max. ceiling thickness 40 mm

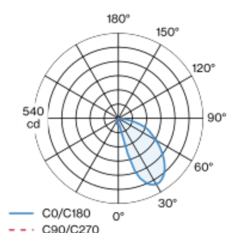
recessed depth 60 mm

<sup>1</sup> incl. consideration of optical losses & internal control unit losses

<sup>2</sup> Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; 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 2700 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. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## Installation instructions



## Lighting calculator



[\*048-2641914A 048-2696197 002-90771\*] 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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## 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 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                            | 46                 |
| B13                            | 59                 |
| B16                            | 74                 |
| B20                            | 92                 |
| C10                            | 74                 |
| C13                            | 94                 |
| C16                            | 119                |
| C20                            | 149                |

## Components

### MOUNTING SET trimless for soft acoustic ceilings

|                                    |        |                   |
|------------------------------------|--------|-------------------|
| COLOUR                             | Ø (MM) | ARTICLE NUMBER(S) |
| signal white for acoustic ceilings | 80     | 048-2696197       |



### POWER SUPPLY

|      |            |                   |
|------|------------|-------------------|
| TYPE | L·W·H (MM) | ARTICLE NUMBER(S) |
| 13 W | 85-40-22   | 002-90771         |



## 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       |

