

# SASSO 100 square wallwasher

trim

048-2750911A 048-279731G 002-90766



Project / Type

Notes

Count / Date



### General

Ceiling , Recessed

black , RAL9005 <sup>1</sup>

Mounting set white aluminium

IP20

1540 lm

### LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 101 , R<sub>f</sub>: 90 , R<sub>f(1-15)</sub>: 88

MR 0.51

MDER 0.46

### Optical

wallwasher

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

### Electrical

non DIM

system 18.5 W

inset 15.8 W

36 Vf

450 mA

PC2 220-240V

system 83 lm/W<sup>3</sup>

inset 98 lm/W<sup>4</sup>

### Physical

trim

length 118 mm

width 118 mm

height 96 mm

0.71 kg

### Cutout

length 112 mm

width 112 mm

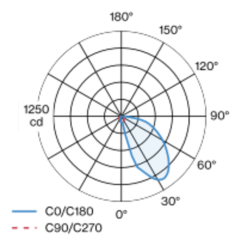
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

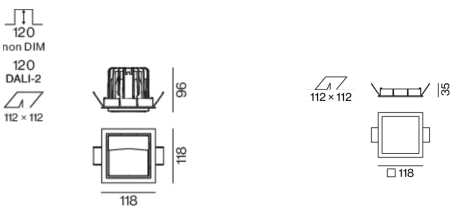
recessed depth 120 mm

Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 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. 85% 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 220-240V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; 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> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

### Installation instructions



### Lighting calculator



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## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.982                        | 0.954  | 0.926             | 0.899                           | 0.873  |
| 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                            | 22                 |
| B16                            | 36                 |
| C10                            | 37                 |
| C16                            | 60                 |

## Components

### MOUNTING SET with trim

| TYPE                      | COLOUR          | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------------|------------|-------------------|
| for intermediate ceilings | white aluminium | 118-118-35 | 048-279731G       |



### CONVERTER

| TYPE | ARTICLE NUMBER(S) |
|------|-------------------|
| 21 W | 002-90766         |

## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

| COLOUR          | L-W-H (MM)  | ARTICLE NUMBER(S) |
|-----------------|-------------|-------------------|
| white aluminium | 614-307-120 | 048-2695110       |



## Electrical accessories

### THROUGH WIRING CONNECTION BOX

| TYPE                      | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|------------|-------------------|
| non DIM cable ø 4 – 12 mm | 105-58-30  | 005-253110        |
| DALI cable ø 4 – 12 mm    | 105-58-30  | 005-255110        |



## 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       |

