

# SASSO 100 square wallwasher

trim

048-2750917A 048-2797317 002-90767



Project / Type

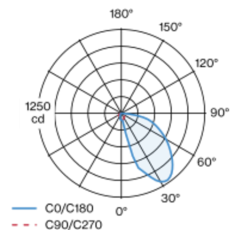
Notes

Count / Date

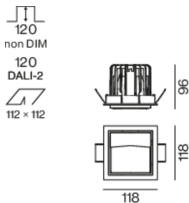


Recessed square spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; no multiple shadows; light colour 2700 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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; 220-240 V; incl. DALI-2 converter; 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



## General

Ceiling | Recessed

white | RAL 9016 <sup>1</sup>

Mounting set traffic white

IP20

1690 lm

fixture 107 lm/W <sup>2</sup>

## LED

2700 K

CRI  $\geq 90$

L85 / 50000 h

initial MacAdam  $\leq 3$  SDCM

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

MR 0.51 | MDER 0.46

## Optical

wallwasher

PstLM  $\leq 1.0$  <sup>3</sup> | SVM  $\leq 0.4$  <sup>3</sup>

## Electrical

DALI-2

PC2 | 220-240 V

system 18.6 W | fixture 15.8 W

36 Vf | 450 mA

## Physical

trim

length 118 mm | width 118 mm | height 96 mm

0.77 kg

## Cutout

length 112 mm | width 112 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 120 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)

## Installation instructions



## Lighting calculator



# SASSO 100 square wallwasher

trim

048-2750917A 048-2797317 002-90767



Project / Type

Notes

Count / Date

## 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 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                            | 18                 |
| B16                            | 30                 |
| C10                            | 23                 |
| C16                            | 36                 |

## Components

### MOUNTING SET with trim

| TYPE                      | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|---------------|------------|-------------------|
| for intermediate ceilings | traffic white | 118-118-35 | 048-2797317       |



### POWER SUPPLY

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 143-43-30  | 002-90767         |

## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

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



## 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) |
|-------------------------|------------|-------------------|
| 200 - 1050 mA   2 x 42W | 36-88-59   | 005-6121030       |



# SASSO 100 square wallwasher

trim

048-2750917A 048-2797317 002-90767



Project / Type

Notes

Count / Date

## Optional electrical accessories

### POWER SUPPLY PREWIRED

| TYPE              | ARTICLE NUMBER(S) |
|-------------------|-------------------|
| with junktion box | 002-90767A        |
| with junktion box | 002-90789A        |
| with junktion box | 002-90776A        |
| with junktion box | 002-90766A        |
| with junktion box | 002-90780A        |
| with junktion box | 002-90774A        |

## Electrical accessories

### THROUGH WIRING CONNECTION BOX

| TYPE                                     | L·W·H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| non DIM cable ø 4 – 12 mm, Linect®-Ready | 105-58-30  | 005-2531110       |
| DALI cable ø 4 – 12 mm, Linect®-Ready    | 105-58-30  | 005-2551110       |

