

# SASSO 100 square wallwasher

trimless

048-2750017A 048-2797117 002-90789



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed  
white , RAL 9016 <sup>1</sup>  
Mounting set traffic white  
IP20  
2420 lm  
fixture 102 lm/W<sup>2</sup>

## LED

3000 K  
CRI ≥ 90  
L85 / 50000 h  
initial MacAdam ≤ 3 SDCM  
R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89  
MR 0.61  
MDER 0.55

## Optical

wallwasher  
PstLM ≤ 1.0 <sup>3</sup>  
SVM ≤ 0.4 <sup>3</sup>

## Electrical

DALI-2  
220-240 V  
system 27.8 W  
fixture 23.7 W  
36 Vf  
650 mA  
PC2

## Physical

trimless  
length 105 mm  
width 105 mm  
height 96 mm  
0.83 kg

## Cutout

length 106 mm  
width 106 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)

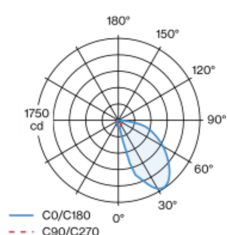
## Installation instructions



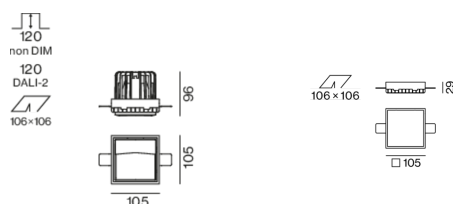
## Lighting calculator



## Light distribution



## Product drawing



[048-2750017A 048-2797117 002-90789] 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	0.981	0.959	0.937	0.916	0.895
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 trimless

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for plasterboard ceilings 12.5/15/25 mm	traffic white	105-105-29	048-2797117



### POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
143-43-30	002-90789



### 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

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



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## Optional electrical accessories

### POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box   DALI-2	002-90767A
with junktion box   DALI-2	002-90789A
with junktion box   DALI-2	002-90776A
with junktion box   non DIM	002-90766A
with junktion box   non DIM	002-90780A
with junktion box   non DIM	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

