

# SASSO 100 square downlight

trim 2 lamps

048-2710014F 048-279931G 002-90789



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

matt silver

Mounting set white aluminium

front IP44 , back IP20

4720 lm

fixture 104 lm/W<sup>1</sup>

## LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 87

MR 0.6

MDER 0.54

## Optical

flood

beam angle 45°

UGR ≤ 16 , ≥65° <3000 cd/m<sup>2</sup>

P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2

220-240 V

system 52 W

fixture 22.7 W

36 V<sub>f</sub>

650 mA

fixture 45 W

PC2

1 DALI Addr.

## Physical

trim

length 218 mm

width 118 mm

height 75 mm

0.67 kg

## Cutout

length 210 mm

width 112 mm

min. ceiling thickness 2 mm

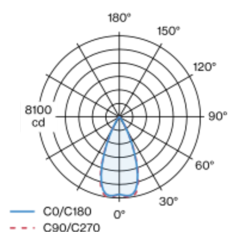
max. ceiling thickness 25 mm

recessed depth 100 mm

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

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

## Light distribution



## Product drawing



# SASSO 100 square downlight

trim 2 lamps

048-2710014F 048-279931G 002-90789



Project / Type

Notes

Count / Date

Installation  
instructions



Lighting  
calculator



# SASSO 100 square downlight

trim 2 lamps

048-2710014F 048-279931G 002-90789



Project / Type

Notes

Count / Date

### Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
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 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	white aluminium	218-118-35	048-279931G



#### POWER SUPPLY

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



### 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



### 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



# SASSO 100 square downlight

trim 2 lamps

048-2710014F 048-279931G 002-90789



Project / Type

Notes

Count / Date

## 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

