

# SASSO 60 square downlight

trim

048-2612914S 048-269731G 002-90771



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

matt silver

Mounting set white aluminium

front IP44 , back IP20

898 lm

fixture 83 lm/W<sup>1</sup>

## LED

2700 K

CRI ≥ 90

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 97 , R<sub>r</sub>: 91 , R<sub>f(1-15)</sub>: 87

MR 0.52

MDER 0.47

## Optical

spot

beam angle 15°

UGR ≤ 16 , ≥65° <1500 cd/m<sup>2</sup>

PstLM ≤ 1.0<sup>2</sup>

SVM ≤ 0.4<sup>2</sup>

## Electrical

non DIM

220-240 V

system 12.8 W

fixture 10.9 W

36 Vf

300 mA

PC2

## Physical

trim

length 80 mm

width 80 mm

height 48 mm

0.3 kg

## Cutout

length 73 mm

width 73 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

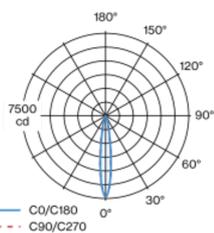
recessed depth 60 mm

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

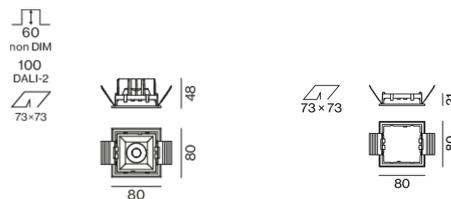
<sup>2</sup> Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; 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; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 15° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; 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



## Installation instructions



## Lighting calculator



[048-2612914S 048-269731G 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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## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	43
B13	55
B16	68
B20	85
C10	72
C13	94
C16	116
C20	145

## Components

### MOUNTING SET with trim 1 lamp

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	white aluminium	80-80-21	048-269731G



### POWER SUPPLY

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



## Mounting 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	005-253110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-255110



## 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 LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
DALI-2   200-1050 mA   2 x 42W	36-88-59	005-6121030



### DIN RAIL POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
160 W	72-90-63	005-6520210



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## Optional electrical accessories

### POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box   DALI-2	002-90790A
with junktion box   DALI-2	002-90748A
with junktion box   non DIM	002-90771A
with junktion box   non DIM	002-90742A

## Optional electrical accessories

### POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
with loop through function	185-30-21	002-90770
with loop through function	185-30-21	002-90747

