

# SASSO 60 square downlight

trim

048-2612014S 048-2697318 002-90742



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

matt silver

Mounting set jet black

front IP44 , back IP20

928 lm

fixture 85 lm/W<sup>1</sup>

## LED

3000 K

CRI ≥ 90

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>t1-15</sub>: 87

MR 0.6

MDER 0.54

## 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

0.23 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> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

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

## Installation instructions

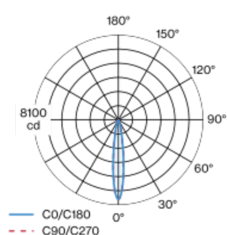


## Lighting calculator

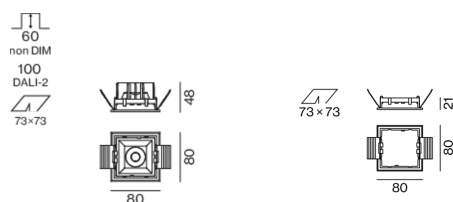


Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim jet black; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 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



[048-2612014S 048-2697318 002-90742] 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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