

# SASSO 100 square downlight

trim 2 lamps

048-2710611W 048-2799318 002-90776



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

black , RAL9005 <sup>1</sup>

Mounting set jet black

front IP44 , back IP20

4640 lm

## LED

4000 K

CRI  $\geq$  90

L80 / 50000 h

initial MacAdam  $\leq$  2 SDCM

R<sub>g</sub>: 97 , R<sub>r</sub>: 90 , R<sub>(1-15)</sub>: 89

MR 0.81

MDER 0.74

## Optical

wide flood

beam angle 65°

$\geq 65^\circ < 1500 \text{ cd/m}^2$

PstLM  $\leq 1.0$  <sup>2</sup>

SVM  $\leq 0.4$  <sup>2</sup>

## Electrical

DALI-2

58 W

total insets 50 W

PC2 220-240V

80 lm/W

1 DALI Addr.

## Physical

trim

length 218 mm

width 118 mm

height 75 mm

0.59 kg

## Cutout

length 210 mm

width 112 mm

min. ceiling thickness 2 mm

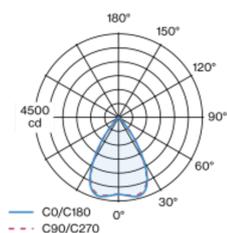
max. ceiling thickness 25 mm

recessed depth 100 mm

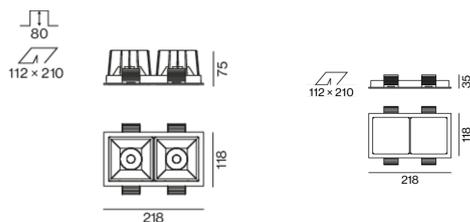
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; rectangular 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 4000 K; binning initial MacAdam  $\leq$  2 SDCM; CRI  $\geq$  90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 65° beam; degree of protection from below IP44 (from above IP20); PC2 220-240V; 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



## Installation instructions



## Lighting calculator



[048-2710611W 048-2799318 002-90776] 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 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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