# **SASSO 60** square downlight

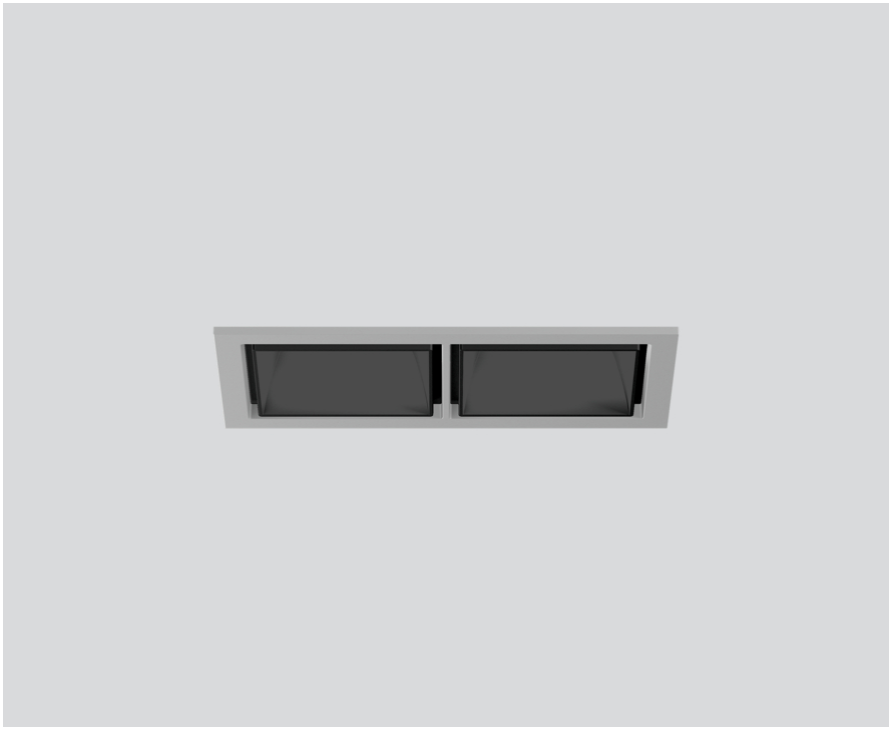
trim 2 lamps

048-2612111S 048-269931G 002-90742

Project / Type

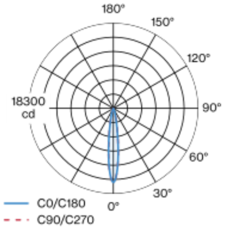
Notes

Count / Date

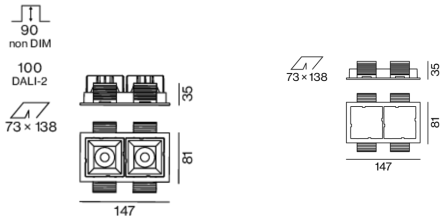


Recessed square spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 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 ≤ 13; 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




### General

Ceiling , Recessed
black , RAL 9005 [1]
Mounting set white aluminium
front IP44 , back IP20
1810 lm
fixture 83 lm/W[2]

### LED

4000 K
CRI ≥ 90
initial MacAdam ≤ 2 SDCM
$R_g$: 98 , $R_f$: 90 , $R_{f1-15}$: 88
MR 0.8
MDER 0.72

### Optical

spot
beam angle 15°
UGR < 13
PstLM ≤ 1.0 [3]
SVM ≤ 0.4 [3]

### Electrical

non DIM
220-240 V
system 25.5 W
fixture 10.9 W
36 Vf
300 mA
fixture 21.7 W
PC2

### Physical

trim
length 147 mm
width 81 mm
height 48 mm
0.28 kg

### Cutout

length 138 mm
width 73 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 90 mm

[1] RAL code
[2] FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
[3] Value of containing product at full load (undimmed)

['048-2612111S 048-269931G 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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**Installation instructions**

**Lighting calculator**

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