

# SASSO 60 square downlight

trim 2 lamps

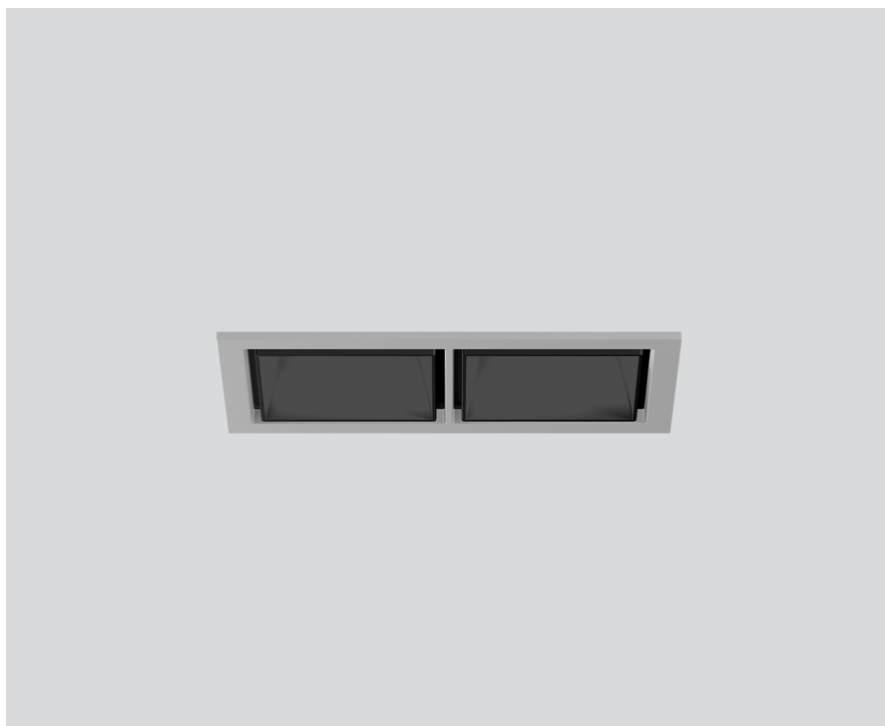
048-2612111F 048-269931G 002-90771



Project / Type

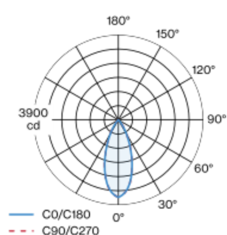
Notes

Count / Date

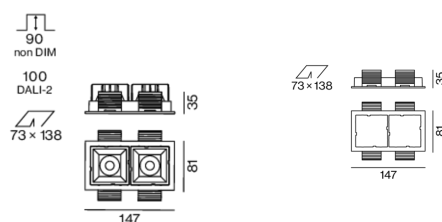


Recessed square spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam  $\leq 2$  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 40° beam; UGR  $\leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  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



## General

Ceiling , Recessed  
black , RAL 9005 <sup>1</sup>  
Mounting set white aluminium  
front IP44 , back IP20  
1910 lm  
fixture 90 lm/W<sup>2</sup>

## LED

4000 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 98 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 88  
MR 0.8  
MDER 0.72

## Optical

flood  
beam angle 40°  
UGR  $\leq 19$  ,  $\geq 65^\circ$   $< 1500$  cd/m<sup>2</sup>  
PstLM  $\leq 1.0$  <sup>3</sup>  
SVM  $\leq 0.4$  <sup>3</sup>

## Electrical

non DIM  
220-240 V  
system 25.0 W  
fixture 10.6 W  
36 Vf  
300 mA  
fixture 21.3 W  
PC2

## Physical

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

## Cutout

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

<sup>1</sup> RAL code

<sup>2</sup> incl. consideration of optical losses & internal control unit losses

<sup>3</sup> Value of containing product at full load (undimmed)



[048-2612111F 048-269931G 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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Installation  
instructions



Lighting  
calculator

