

# SASSO 100 square downlight

trim

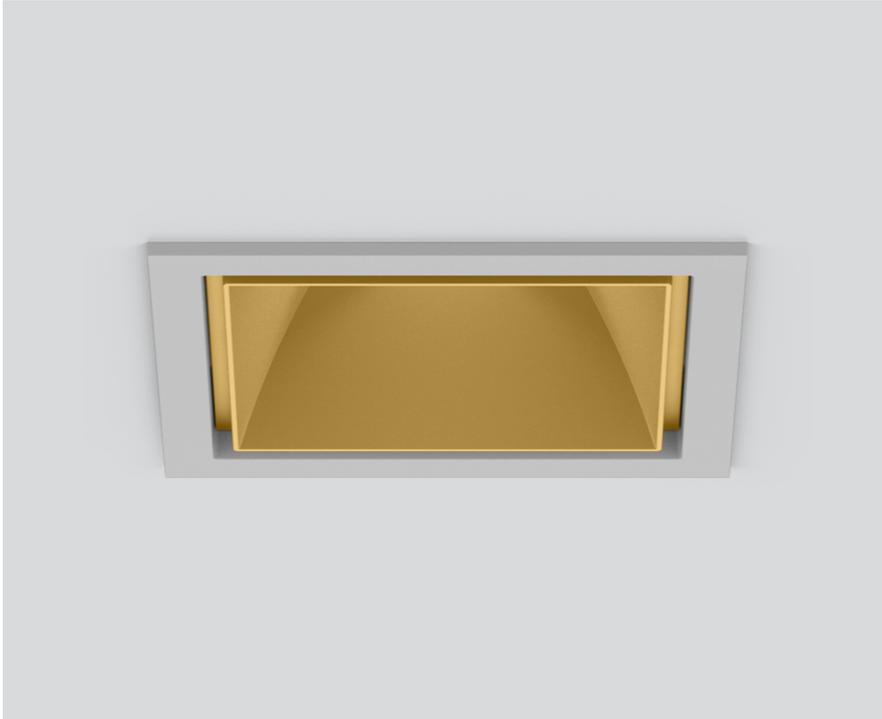
048-2710419S 048-279731G 002-90774



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed  
gold , RAL260-M <sup>1</sup>  
Mounting set silver-grey  
front IP44 , back IP20  
1850 lm

## LED

2700 K  
CRI ≥ 90  
L80 / 50000 h  
initial MacAdam ≤ 2 SDCM  
R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>(1-15)</sub>: 89  
MR 0.53  
MDER 0.48

## Optical

spot  
beam angle 20°  
UGR < 13 , ≥65° <3000 cd/m<sup>2</sup>  
PstLM ≤ 1.0 <sup>2</sup>  
SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM  
29.2 W  
inset 24.8 W  
36 Vf  
700 mA  
PC2 220-240V  
63 lm/W

## Physical

trim  
length 118 mm  
width 118 mm  
height 75 mm  
0.49 kg

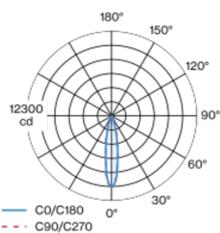
## Cutout

length 112 mm  
width 112 mm  
min. ceiling thickness 2 mm  
max. ceiling thickness 25 mm  
recessed depth 80 mm

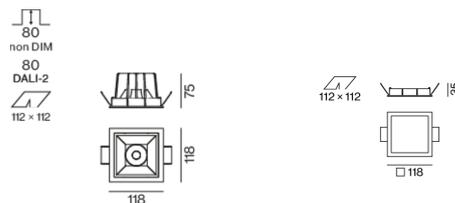
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 1 lamp; surface gold; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim silver-grey; 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; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 20° beam; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2 220-240V; 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



[048-2710419S 048-279731G 002-90774] 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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