

# SASSO 100 square downlight

trim

048-2710019S 048-279731G 002-90766



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed  
gold , RAL260-M<sup>1</sup>  
Mounting set white aluminium  
front IP44 , back IP20  
1510 lm

## LED

3000 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
 $R_g: 99$  ,  $R_f: 90$  ,  $R_{t(1-15)}: 87$   
MR 0.6  
MDER 0.54

## Optical

spot  
beam angle 20°  
UGR  $< 13$  ,  $\geq 65^\circ < 3000 \text{ cd/m}^2$   
PstLM  $\leq 1.0$ <sup>2</sup>  
SVM  $\leq 0.4$ <sup>2</sup>

## Electrical

non DIM  
system 17.9 W  
inset 15.2 W  
36 Vf  
450 mA  
PC2 220-240V  
system 84 lm/W<sup>3</sup>  
inset 99 lm/W<sup>4</sup>

## Physical

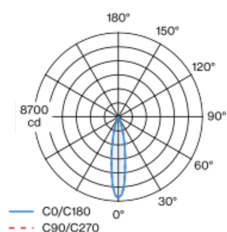
trim  
length 118 mm  
width 118 mm  
height 75 mm  
0.51 kg

## Cutout

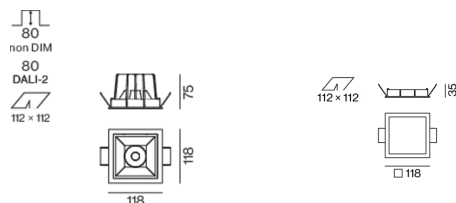
length 112 mm  
width 112 mm  
min. ceiling thickness 2 mm  
max. ceiling thickness 25 mm  
recessed depth 80 mm

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 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 3000 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 20° beam; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000 \text{ cd/m}^2$ ; 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

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Installation  
instructions



Lighting  
calculator

