

SASSO 100 square downlight

trim

048-2710011F 048-279731G 002-90766



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed _____

black , RAL9005 ¹ _____

Mounting set white aluminium _____

front IP44 , back IP20 _____

1640 lm _____

LED

3000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 , R_r: 90 , R_{t1-15}: 87 _____

MR 0.6 _____

MDER 0.54 _____

Optical

flood _____

beam angle 45° _____

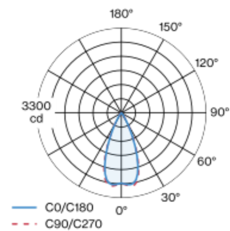
UGR < 16 , ≥65° <1500 cd/m² _____

PstLM ≤ 1.0 ² _____

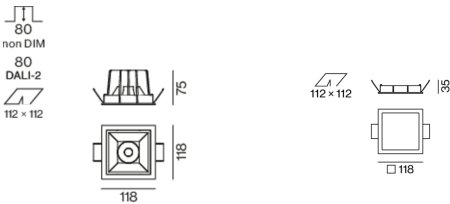
SVM ≤ 0.4 ² _____

Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; 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 ≤ 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 45° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; 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



Electrical

non DIM _____

system 17.9 W _____

inset 15.2 W _____

36 Vf _____

450 mA _____

PC2 220-240V _____

system 92 lm/W³ _____

inset 107 lm/W⁴ _____

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 _____

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



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Installation
instructions



Lighting
calculator

