

SASSO 100 square downlight

trim

048-2710219F 048-279731G 002-90789



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed _____

gold , RAL 260-M ¹ _____

Mounting set white aluminium _____

front IP44 , back IP20 _____

2380 lm _____

fixture 105 lm/W² _____

LED

3500 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 , R_f: 90 , R₍₁₋₁₅₎: 89 _____

MR 0.7 _____

MDER 0.64 _____

Optical

flood _____

beam angle 45° _____

UGR ≤ 16 , ≥65° <3000 cd/m² _____

PstLM ≤ 1.0 ³ _____

SVM ≤ 0.4 ³ _____

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 3500 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° ≤ 3000 cd/m²; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; 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;

Electrical

DALI-2 _____

220-240 V _____

system 26.7 W _____

fixture 22.7 W _____

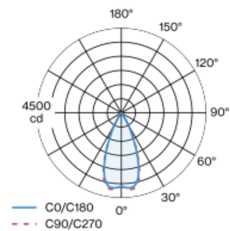
36 Vf _____

650 mA _____

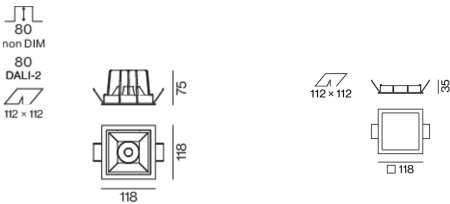
PC2 _____

1 DALI Addr. _____

Light distribution



Product drawing



Physical

trim _____

length 118 mm _____

width 118 mm _____

height 75 mm _____

0.53 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 incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)



SASSO 100 square downlight

trim

048-2710219F 048-279731G 002-90789



Project / Type

Notes

Count / Date

Installation
instructions



Lighting
calculator

