

SASSO 100 square adjustable

trimless

048-2730011F 048-2797117 002-90766



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed
 tilt max 30°
 black , RAL9005 ¹
 Mounting set traffic white
 front IP40 , back IP20
 1610 lm

LED

3000 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 99 , R_f: 90 , R₍₁₋₁₅₎: 87
 MR 0.6
 MDER 0.54

Optical

flood
 beam angle 45°
 UGR < 16 , ≥65° <1500 cd/m²
 P_{stLM} ≤ 1.0 ²
 SVM ≤ 0.4 ²

Electrical

non DIM
 system 17.9 W
 inset 15.2 W
 36 Vf
 450 mA
 PC2 220-240V
 system 90 lm/W³
 inset 106 lm/W⁴

Physical

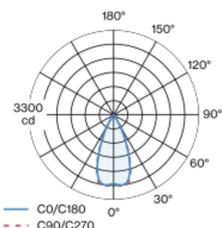
trimless
 length 105 mm
 width 105 mm
 height 95 mm
 0.49 kg

Cutout

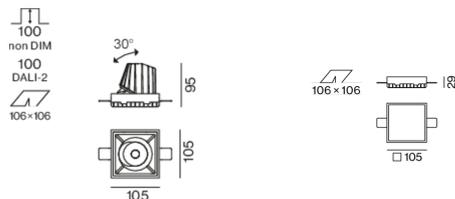
length 106 mm
 width 106 mm
 min. ceiling thickness 12.5 mm
 max. ceiling thickness 25 mm
 recessed depth 100 mm

Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; 30° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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 IP40 (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



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

