

SASSO 100 square adjustable

trim

048-2730114F 048-2797317 002-90780



Project / Type

Notes

Count / Date



Recessed square spotlight in die-cast aluminium; 1 lamp; surface matt silver; 30° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; 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 4000 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 44° beam; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 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



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220-240V

↑ IP20

↓ IP40

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X-PERT

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X-PERT

General

Ceiling , Recessed

tilt max 30°

matt silver

Mounting set traffic white

front IP40 , back IP20

2430 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_f: 90 , R₍₁₋₁₅₎: 88

MR 0.8

MDER 0.72

Optical

flood

beam angle 44°

UGR < 16 , $\geq 65^\circ$ <3000 cd/m²

Electrical

non DIM

system 26.7 W

inset 22.7 W

36 Vf

650 mA

PC2 220-240V

system 91 lm/W¹

inset 107 lm/W²

Physical

trim

length 118 mm

width 118 mm

height 95 mm

0.49 kg

Cutout

length 112 mm

width 112 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 100 mm

¹ incl. optical losses and the efficiency of the operating device (converter)
² incl. optical losses

Installation instructions



Lighting calculator

