

# SASSO 100 square adjustable

trimless

048-2730114F 048-2797117 002-90789



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; 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 4000 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 44° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  cd/m<sup>2</sup>; degree of protection from below IP40 (from above IP20); PC2 220-240V; 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;

## Light distribution



## Product drawing



## General

Ceiling , Recessed
tilt max 30°
matt silver
Mounting set traffic white
front IP40 , back IP20
2430 lm

## LED

4000 K
CRI $\geq 90$
L80 / 50000 h
initial MacAdam $\leq 2$ SDCM
R <sub>g</sub> : 98 , R <sub>f</sub> : 90 , R <sub>t(1-15)</sub> : 88
MR 0.8
MDER 0.72

## Optical

flood
beam angle 44°
UGR < 16 , $\geq 65^\circ$ <3000 cd/m <sup>2</sup>
PstLM $\leq 1.0$ <sup>1</sup>
SVM $\leq 0.4$ <sup>1</sup>

## Electrical

DALI-2
26.7 W
inset 22.7 W
36 Vf
650 mA
PC2 220-240V
91 lm/W
inset 107 lm/W
1 DALI Addr.

## Physical

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

## Cutout

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

<sup>1</sup> Value of containing product at full load (undimmed)



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Installation instructions



Lighting calculator

