

SASSO 100 square downlight

trim

048-2710011F 048-279731G 002-90789



Project / Type _____

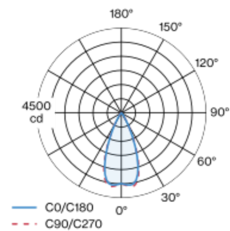
Notes _____

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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° ≤ 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;

Light distribution



Product drawing



General

Ceiling , Recessed
black , RAL 9005 ¹
Mounting set white aluminium
front IP44 , back IP20
2250 lm
fixture 99 lm/W²

LED

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

Optical

flood
beam angle 45°
UGR ≤ 16 , $\geq 65^\circ < 3000$ cd/m²
PstLM ≤ 1.0 ³
SVM ≤ 0.4 ³

Electrical

DALI-2
220-240 V
system 26.7 W
fixture 22.7 W
36 Vf
650 mA
PC2
1 DALI Addr.

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)



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Installation
instructions



Lighting
calculator

