

SASSO 100 square downlight

trim 2 lamps

048-2710014S 048-2799318 002-90780



Project / Type _____

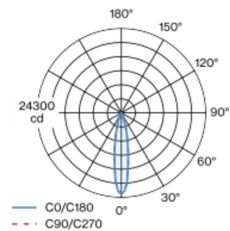
Notes _____

Count / Date _____



Recessed square spotlight in die-cast aluminium; 2 lamps; surface matt silver; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim jet black; 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 20° 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. 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



General

Ceiling , Recessed
matt silver
Mounting set jet black
front IP44 , back IP20
4200 lm
fixture 93 lm/W¹

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

spot
beam angle 20°
UGR ≤ 16 , $\geq 65^\circ < 3000$ cd/m²

Electrical

non DIM
220-240 V
system 52 W
fixture 22.7 W
36 V
650 mA
fixture 45 W
PC2

Physical

trim
length 218 mm
width 118 mm
height 75 mm
0.55 kg

Cutout

length 210 mm
width 112 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 100 mm

¹ incl. consideration of optical losses & internal control unit losses

Installation instructions



Lighting calculator

