

SASSO 100 square downlight

trim 2 lamps

048-2710211S 048-2799318 002-90789



Project / Type

Notes

Count / Date



General

Ceiling , Recessed
 black , RAL 9005 ¹
 Mounting set jet black
 front IP44 , back IP20
 4080 lm
 fixture 90 lm/W²

LED

3500 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 99 , R_f: 90 , R_{t(1-15)}: 89
 MR 0.7
 MDER 0.64

Optical

spot
 beam angle 19°
 UGR ≤ 13 , ≥65° <3000 cd/m²
 P_{stLM} ≤ 1.0 ³
 SVM ≤ 0.4 ³

Electrical

DALI-2
 220-240 V
 system 52 W
 fixture 22.7 W
 36 Vf
 650 mA
 fixture 45 W
 PC2
 1 DALI Addr.

Physical

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

Cutout

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

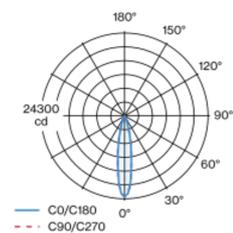
¹ RAL code

² incl. consideration of optical losses & internal control unit losses

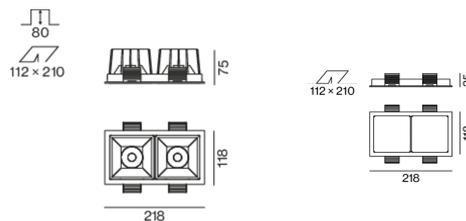
³ Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 2 lamps; surface black; 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 3500 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 19° beam; UGR ≤ 13; 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



SASSO 100 square downlight

trim 2 lamps

048-2710211S 048-2799318 002-90789



Project / Type

Notes

Count / Date

**Installation
instructions**



**Lighting
calculator**

