

SASSO 100 round downlight

trim 2 lamps

048-2700011F 048-2798317 002-90766



Project / Type

Notes

Count / Date



General

Ceiling | Recessed

jet black | RAL 9005 ¹

Mounting set traffic white

front IP44 | back IP20

3100 lm

fixture 102 lm/W ²

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{f(1-15)}: 87

MR 0.6 | MDER 0.54

Optical

flood | beam angle 38°

UGR ≤ 16 | ≥65° <1500 cd/m²

PstLM ≤ 1.0 ³ | SVM ≤ 0.4 ³

Electrical

non DIM

PC2 | 220-240 V

system 35 W | fixture 15.2 W

total fixtures 30 W

36 Vf | 450 mA

Physical

trim

length 218 mm | width 118 mm | height 75 mm

1.41 kg

Cutout

diameter 105 mm | length 205 mm | width 105 mm

min. ceiling thickness 2 mm | max. ceiling
thickness 25 mm

recessed depth 100 mm

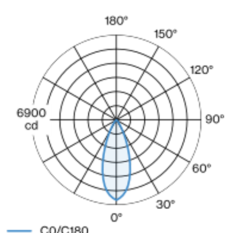
¹ RAL code

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

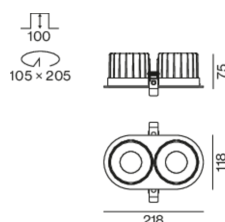
³ Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 2 lamps; surface jet black; installation without tools in mounting set due to patented ball catch system; oval 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 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 38° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 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



Installation instructions



Lighting calculator

