

SASSO 100 round downlight

trim 2 lamps

048-2700211F 048-2798318 002-90766



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

black , RAL 9005 ¹

Mounting set jet black

front IP44 , back IP20

3280 lm

fixture 108 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

flood

beam angle 45°

UGR ≤ 16 , ≥65° <1500 cd/m²

P_{stLM} ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

non DIM

220-240 V

system 35 W

fixture 15.2 W

36 Vf

450 mA

fixture 30 W

PC2

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

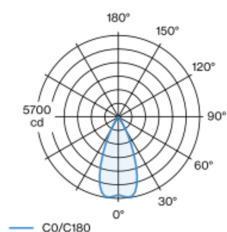
max. ceiling thickness 25 mm

recessed depth 100 mm



Round recessed spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; oval 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 45° 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



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

