

SASSO 100 round downlight trim soft acoustic ceiling

048-2700211F 048-2796397 002-90789



Project / Type

Notes

Count / Date



General

Ceiling , Recessed
black , RAL 9005 ¹
Mounting set signal white for acoustic ceilings
front IP44 , back IP20
2200 lm
fixture 97 lm/W²

LED

3500 K
CRI \geq 90
L80 / 50000 h
initial MacAdam \leq 2 SDCM
R_g: 99 , R_f: 90 , R₍₁₋₁₅₎: 89
MR 0.7
MDER 0.64

Optical

flood
beam angle 38°
UGR \leq 19 , \geq 65° < 3000 cd/m²
PstLM \leq 1.0 ³
SVM \leq 0.4 ³

Electrical

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

Physical

with trim for acoustic ceiling
diameter 114 mm
height 75 mm
0.65 kg

Cutout

diameter 100 mm
min. ceiling thickness 25 mm
max. ceiling thickness 40 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)

Installation instructions

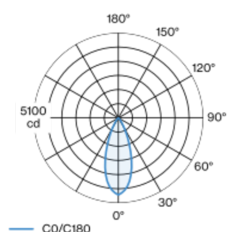


Lighting calculator



Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim signal white for acoustic ceilings; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 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 \leq 2 SDCM; CRI \geq 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 \leq 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° \leq 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

