

SASSO 100 round downlight trimless soft acoustic ceiling

048-2700911F 048-2796198 002-90780



Project / Type

Notes

Count / Date



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; Traffic black; for trimless 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 2700 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° ≤ 3000 cd/m²; degree of protection from below IP44 (from above IP20); PC2 220-240V; 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
black , RAL9005 ¹
Traffic black
front IP44 , back IP20
2130 lm

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 97 , R_f: 91 , R_{f(1-15)}: 87
MR 0.52
MDER 0.47

Optical

flood
beam angle 45°
UGR < 16 , $\geq 65^\circ < 3000$ cd/m²

Electrical

non DIM
system 26.7 W
inset 22.7 W
36 Vf
650 mA
PC2 220-240V
system 80 lm/W²
inset 94 lm/W³

Physical

trimless for acoustic ceiling
diameter 114 mm
height 75 mm
0.47 kg

Cutout

diameter 100 mm
min. ceiling thickness 25 mm
max. ceiling thickness 40 mm
recessed depth 80 mm

¹ RAL code
² incl. optical losses and the efficiency of the operating device (converter)
³ incl. optical losses

Installation instructions



Lighting calculator

