

SASSO 100 round downlight trimless soft acoustic ceiling

048-2700219F 048-2796197 002-90780



Project / Type _____

Notes _____

Count / Date _____



Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; installation without tools in mounting set due to patented ball catch system; round installation housing; Signal white; 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 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 44° 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 _____

gold , RAL260-M ¹ _____

Signal white _____

front IP44 , back IP20 _____

2330 lm _____

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 44° _____

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 87 lm/W² _____

inset 102 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

