

# SASSO 100 round downlight trim soft acoustic ceiling

048-2700019M 048-2796398 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; with trim traffic black 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 3000 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 33° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  cd/m<sup>2</sup>; 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



### General

Ceiling , Recessed  
gold , RAL 260-M <sup>1</sup>  
Mounting set traffic black for acoustic ceilings  
front IP44 , back IP20  
2030 lm  
fixture 89 lm/W<sup>2</sup>

### LED

3000 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 87  
MR 0.6  
MDER 0.54

### Optical

medium  
beam angle 33°  
UGR  $\leq 16$  ,  $\geq 65^\circ$   $< 3000$  cd/m<sup>2</sup>

### Electrical

non DIM  
220-240 V  
system 26.7 W  
fixture 22.7 W  
36 Vf  
650 mA  
PC2

### Physical

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

### Cutout

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

<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses

### Installation instructions



### Lighting calculator

