

# SASSO 100 round downlight trimless soft acoustic ceiling

048-2700119M 048-2796198 002-90767



Project / Type

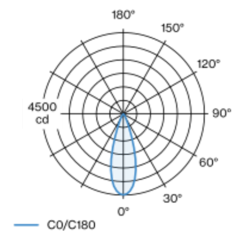
Notes

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; traffic black for acoustic ceilings; 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 4000 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  $\leq 13$ ; 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. 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



## General

Ceiling , Recessed  
gold , RAL 260-M <sup>1</sup>  
Mounting set traffic black for acoustic ceilings  
front IP44 , back IP20  
1540 lm  
fixture 101 lm/W<sup>2</sup>

## LED

4000 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 98 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 88  
MR 0.8  
MDER 0.72

## Optical

medium  
beam angle 33°  
UGR  $\leq 13$  ,  $\geq 65^\circ$  <3000 cd/m<sup>2</sup>  
PstLM  $\leq 1.0$  <sup>3</sup>  
SVM  $\leq 0.4$  <sup>3</sup>

## Electrical

DALI-2  
220-240 V  
system 17.9 W  
fixture 15.2 W  
36 Vf  
450 mA  
PC2  
1 DALI Addr.

## Physical

trimless for acoustic ceiling  
diameter 114 mm  
height 75 mm  
0.53 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  
<sup>3</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



[048-2700119M 048-2796198 002-90767] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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