

# SASSO 100 round downlight trimless soft acoustic ceiling

048-2700114F 048-2796198 002-90766



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Recessed \_\_\_\_\_  
 matt silver \_\_\_\_\_  
 Traffic black \_\_\_\_\_  
 front IP44 , back IP20 \_\_\_\_\_  
 1760 lm \_\_\_\_\_

## LED

4000 K \_\_\_\_\_  
 CRI  $\geq$  90 \_\_\_\_\_  
 L80 / 50000 h \_\_\_\_\_  
 initial MacAdam  $\leq$  2 SDCM \_\_\_\_\_  
 $R_g$ : 98 ,  $R_r$ : 90 ,  $R_{1-15}$ : 88 \_\_\_\_\_  
 MR 0.8 \_\_\_\_\_  
 MDER 0.72 \_\_\_\_\_

## Optical

flood \_\_\_\_\_  
 beam angle 44° \_\_\_\_\_  
 UGR  $<$  16 ,  $\geq$ 65°  $<$ 3000 cd/m<sup>2</sup> \_\_\_\_\_  
 PstLM  $\leq$  1.0<sup>1</sup> \_\_\_\_\_  
 SVM  $\leq$  0.4<sup>1</sup> \_\_\_\_\_

## Electrical

non DIM \_\_\_\_\_  
 system 17.9 W \_\_\_\_\_  
 inset 15.2 W \_\_\_\_\_  
 36 Vf \_\_\_\_\_  
 450 mA \_\_\_\_\_  
 PC2 220-240V \_\_\_\_\_  
 system 98 lm/W<sup>2</sup> \_\_\_\_\_  
 inset 115 lm/W<sup>3</sup> \_\_\_\_\_

## Physical

trimless for acoustic ceiling \_\_\_\_\_  
 diameter 114 mm \_\_\_\_\_  
 height 75 mm \_\_\_\_\_  
 0.49 kg \_\_\_\_\_

## Cutout

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

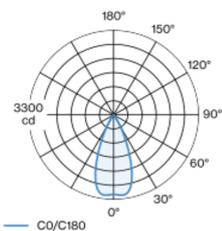
<sup>1</sup> Value of containing product at full load (undimmed)

<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)

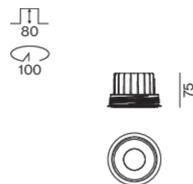
<sup>3</sup> incl. optical losses

Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; 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 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 44° 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 220-240V; 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



## Installation instructions



## Lighting calculator

