

# SASSO 100 round downlight trim soft acoustic ceiling

048-2700011M 048-2796397 002-90780

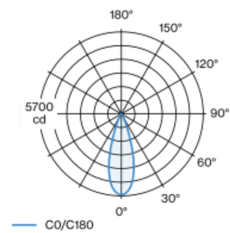


Project / Type	
Notes	
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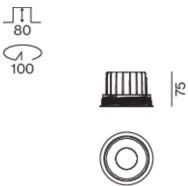


Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim Signal white; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 mm; passive cooling 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 220-240V; 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 <sup>1</sup>	
Signal white	
front IP44 , back IP20	
1940 lm	

## 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>t(1-15)</sub> : 87	
MR 0.6	
MDER 0.54	

## Optical

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

## Electrical

non DIM	
system 26.7 W	
inset 22.7 W	
36 Vf	
650 mA	
PC2 220-240V	
system 73 lm/W <sup>2</sup>	
inset 85 lm/W <sup>3</sup>	

## 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. optical losses and the efficiency of the operating device (converter)  
<sup>3</sup> incl. optical losses

## Installation instructions



## Lighting calculator

