

# SASSO 100 round downlight

trim 2 lamps

048-2700211M 048-279831G 002-90780



Project / Type

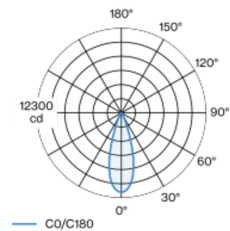
Notes

Count / Date

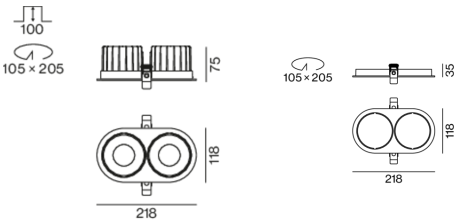


Round recessed spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam  $\leq 2$  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>  
Mounting set white aluminium  
front IP44 , back IP20  
3960 lm

## LED

3500 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 99 , R<sub>r</sub>: 90 , R<sub>t1-15</sub>: 89  
MR 0.7  
MDER 0.64

## Optical

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

## Electrical

non DIM  
system 52 W  
inset 22.7 W  
36 Vf  
650 mA  
total insets 45 W  
PC2 220-240V  
system 76 lm/W<sup>2</sup>  
inset 87 lm/W<sup>3</sup>

## Physical

trim  
length 218 mm  
width 118 mm  
height 75 mm  
0.56 kg

## Cutout

diameter 105 mm  
length 205 mm  
width 105 mm  
min. ceiling thickness 2 mm  
max. ceiling thickness 25 mm  
recessed depth 100 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



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Installation  
instructions



Lighting  
calculator

