

# SASSO 100 round downlight

trimless exposed concrete

048-2700911W 048-2795210 002-90766



Project / Type

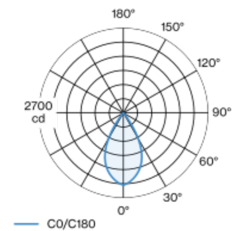
Notes

Count / Date

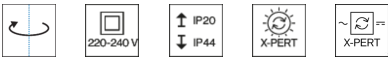


Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; concrete housings for exposed concrete ceilings; for trimless installation; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 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  $56^\circ$  beam;  $UGR \leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500 \text{ cd/m}^2$ ; 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  
rotation  $360^\circ$   
black | RAL 9005 <sup>1</sup>  
Mounting set white aluminium  
front IP44 | back IP20  
1680 lm  
fixture 110 lm/W <sup>2</sup>

## LED

2700 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
 $R_g: 97$  |  $R_r: 91$  |  $R_{t(15)}: 87$   
MR 0.52 | MDER 0.47

## Optical

wide flood | beam angle  $56^\circ$   
 $UGR \leq 19$  |  $\geq 65^\circ < 1500 \text{ cd/m}^2$   
 $P_{stLM} \leq 1.0$  <sup>3</sup> |  $SVM \leq 0.4$  <sup>3</sup>

## Electrical

non DIM  
PC2 | 220-240 V  
system 17.9 W | fixture 15.2 W  
36 Vf | 450 mA

## Physical

trimless for exposed concrete ceiling  
length 230 mm | width 230 mm | height 162 mm  
3.4 kg

## Cutout

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

