

# SASSO 100 round downlight

trimless

048-2700211F 048-2796117 002-90766



Project / Type

Notes

Count / Date



## General

Ceiling | Recessed  
 black | RAL 9005 <sup>1</sup>  
 Mounting set traffic white  
 front IP44 | back IP20  
 1600 lm  
 fixture 105 lm/W <sup>2</sup>

## LED

3500 K  
 CRI ≥ 90  
 L80 / 50000 h  
 initial MacAdam ≤ 2 SDCM  
 R<sub>g</sub>: 99 | R<sub>f</sub>: 90 | R<sub>f(1-15)</sub>: 89  
 MR 0.7 | MDER 0.64

## Optical

flood | beam angle 38°  
 UGR ≤ 16 | ≥65° <1500 cd/m<sup>2</sup>  
 PstLM ≤ 1.0 <sup>3</sup> | SVM ≤ 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  
 diameter 105 mm | height 75 mm  
 1.33 kg

## Cutout

diameter 106 mm  
 min. ceiling thickness 12.5 mm | max. ceiling  
 thickness 25 mm  
 recessed depth 80 mm

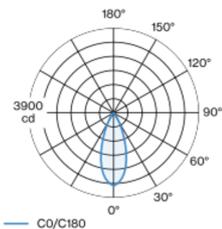
<sup>1</sup> RAL code

<sup>2</sup> incl. consideration of optical losses & internal control unit losses

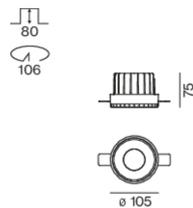
<sup>3</sup> Value of containing product at full load (undimmed)

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; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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 ≤ 2 SDCM; CRI ≥ 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 38° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; 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



## Installation instructions



## Lighting calculator

