

# SASSO 100 round downlight

trimless

048-2700017S 048-2796117 002-90780



Project / Type

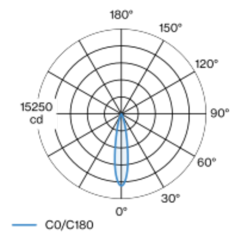
Notes

Count / Date

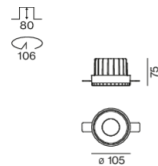


Round recessed spotlight in die-cast aluminium; 1 lamp; surface traffic white; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 20° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  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



## General

Ceiling | Recessed

traffic white | RAL 9016

Mounting set traffic white

front IP44 | back IP20

2330 lm

fixture 103 lm/W <sup>1</sup>

## 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

spot | beam angle 20°

UGR  $\leq 16$  |  $\geq 65^\circ$   $< 1500$  cd/m<sup>2</sup>

## Electrical

non DIM

PC2 | 220-240 V

system 26.7 W | fixture 22.7 W

36 Vf | 650 mA

## Physical

trimless

diameter 105 mm | height 75 mm

0.43 kg

## Cutout

diameter 106 mm

min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm

recessed depth 80 mm

<sup>1</sup> incl. consideration of optical losses & internal control unit losses

## Installation instructions



## Lighting calculator

