

# SASSO 100 round adjustable

ceiling  
048-34102171W



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling | Surface \_\_\_\_\_

tilt max 20° \_\_\_\_\_

rotation 360° \_\_\_\_\_

white | RAL 9016 <sup>1</sup> \_\_\_\_\_

Inner colour black \_\_\_\_\_

IP20 \_\_\_\_\_

1680 lm \_\_\_\_\_

## LED

3500 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 2 SDCM \_\_\_\_\_

R<sub>g</sub>: 99 | R<sub>r</sub>: 90 | R<sub>t(1-5)</sub>: 89 \_\_\_\_\_

MR 0.7 | MDER 0.64 \_\_\_\_\_

## Optical

wide flood | beam angle 60° \_\_\_\_\_

UGR ≤ 19 | ≥65° <1500 cd/m<sup>2</sup> \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

## Electrical

non DIM \_\_\_\_\_

PC1 | 220-240 V \_\_\_\_\_

system 17.9 W \_\_\_\_\_

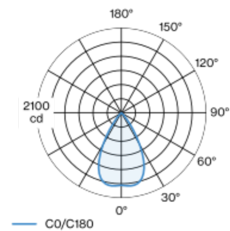
system 94 lm/W <sup>3</sup> \_\_\_\_\_

## Physical

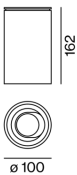
diameter 100 mm | height 162 mm \_\_\_\_\_

Cylindrical surface mounted spotlight in die-cast aluminium; suitable for ceiling mounting; surface white powder coated; Inner colour lacquered in black; 360° rotatable and 20° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; 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 60° beam; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; converter integrated into spotlight head; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Lighting calculator

