

# SASSO 100 round adjustable

semi-recessed

048-34011171F 002-90766



Project / Type

Notes

Count / Date



### General

Ceiling   Semi-Recessed
tilt max 20°
rotation 360°
traffic white   RAL 9016 <sup>1</sup>
Inner colour black
IP20
1630 lm
fixture 107 lm/W <sup>2</sup>

### LED

4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R <sub>g</sub> : 98   R <sub>f</sub> : 90   R <sub>[1-15]</sub> : 88
MR 0.8   MDER 0.72

### Optical

flood   beam angle 39°
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

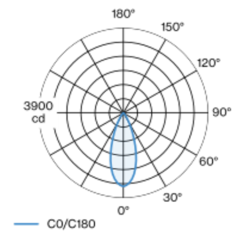
diameter 100 mm   height 115 mm
1.59 kg

### Cutout

diameter 80 mm
recessed depth 100 mm

Cylindrical semi-recessed spotlight made of aluminium; surface traffic 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 4000 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 39° 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 IP20; PC2; 220-240 V; incl. converter, non dimmable; external converter for ceiling insertion; 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



<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

