

# SASSO 100 round downlight

suspended  
048-34202119S



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

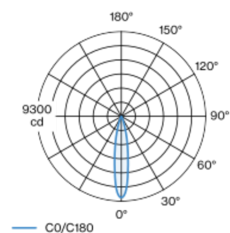
Notes \_\_\_\_\_

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

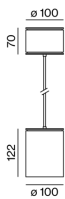


Cylindrical spotlight in die-cast aluminium; surface black powder coated; Inner colour lacquered in gold; pendant fitting with 1500mm suspension, incl. feed (black), can be individually shortened; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam  $\leq 2$  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 19° beam; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  cd/m<sup>2</sup>; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; converter included in canopy; canopy for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling | Suspended \_\_\_\_\_

black | RAL 9005 <sup>1</sup> \_\_\_\_\_

Inner colour gold \_\_\_\_\_

IP20 \_\_\_\_\_

1490 lm \_\_\_\_\_

## LED

3500 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>: 89 \_\_\_\_\_

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

## Optical

spot | beam angle 19° \_\_\_\_\_

UGR  $\leq 13$  |  $\geq 65^\circ$   $< 3000$  cd/m<sup>2</sup> \_\_\_\_\_

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

## Electrical

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

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

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

system 83 lm/W <sup>3</sup> \_\_\_\_\_

## Physical

diameter 100 mm | height 115 mm \_\_\_\_\_

<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

