

# SASSO 100 round downlight

suspended

048-34202371M



Project / Type

Notes

Count / Date



Cylindrical spotlight in die-cast aluminium; surface traffic white powder coated; Inner colour lacquered in black; pendant fitting with 1500mm suspension, incl. feed (white), 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 33° beam; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); converter included in canopy; canopy for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



## General

Ceiling | Suspended  
traffic white | RAL 9016 <sup>1</sup>  
Inner colour black  
IP20  
1410 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

medium | beam angle 33°  
UGR  $\leq 13$  |  $\geq 65^\circ$   $< 1500$  cd/m<sup>2</sup>

## Electrical

DALI-2 | 1 DALI Addr.  
PC1 | 220-240 V  
system 17.9 W  
system 79 lm/W <sup>2</sup>

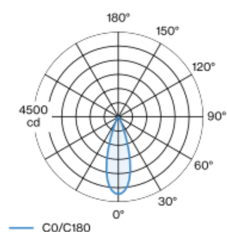
## Physical

diameter 100 mm | height 115 mm  
1.3 kg

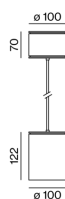
<sup>1</sup> RAL code

<sup>2</sup> incl. consideration of optical losses, internal control unit losses  
& operating device efficiency

## Light distribution



## Product drawing



## Lighting calculator

