

# SASSO 100 round downlight

trim

048-2700011F 048-2796317 002-90789



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

black , RAL9005 <sup>1</sup>

Mounting set traffic white

front IP44 , back IP20

2210 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>r</sub>: 90 , R<sub>t1-15</sub>: 87

MR 0.6

MDER 0.54

Optical

flood

beam angle 45°

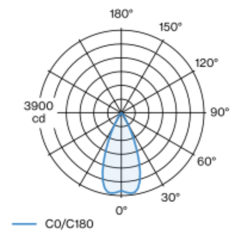
UGR < 16 , ≥65° <3000 cd/m<sup>2</sup>

PstLM ≤ 1.0 <sup>2</sup>

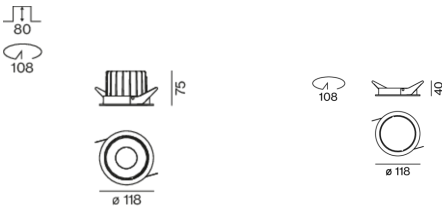
SVM ≤ 0.4 <sup>2</sup>

Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 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 ≤ 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 45° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. DALI-2 converter; 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



Electrical

DALI-2

system 26.7 W

inset 22.7 W

36 V

650 mA

PC2 220-240V

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

inset 97 lm/W<sup>4</sup>

1 DALI Addr.

Physical

trim

diameter 118 mm

height 75 mm

0.49 kg

Cutout

diameter 108 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 80 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

Installation instructions

Lighting calculator