

# SASSO 100 round downlight

trimless

048-2700E11W 048-2796117 002-90776



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed  
black , RAL9005 <sup>1</sup>  
Mounting set traffic white  
front IP40 , back IP20  
2160 lm

## LED

colour warm dimming  
1800 K - 3000 K  
CRI  $\geq$  90  
L90 / 50000 h  
initial MacAdam  $\leq$  3 SDCM  
 $R_g$ : 100 ,  $R_f$ : 89 ,  $R_{f(1-15)}$ : 89  
MR 0.56  
MDER 0.51

## Optical

wide flood  
beam angle 51°  
 $PstLM \leq 1.0$  <sup>2</sup>  
 $SVM \leq 0.4$  <sup>2</sup>

## Electrical

DALI-2  
system 28.0 W  
inset 23.8 W  
700 mA  
PC2 220-240V  
system 77 lm/W<sup>3</sup>  
inset 91 lm/W<sup>4</sup>  
1 DALI Addr.

## Physical

trimless  
diameter 105 mm  
height 75 mm  
0.52 kg

## Cutout

diameter 106 mm  
min. ceiling thickness 12.5 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

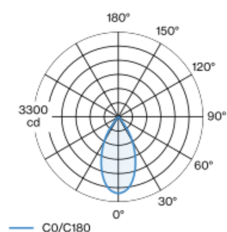


## Lighting calculator

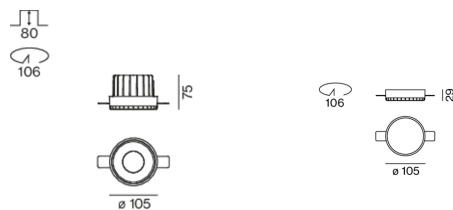


Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 51° beam; degree of protection from below IP40 (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



[048-2700E11W 048-2796117 002-90776] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

22.11.2024

1 / 1