SASSO 100 round downlight

trim 2 lamps

048-2700E14M 048-2798318 002-90776

Project / Type

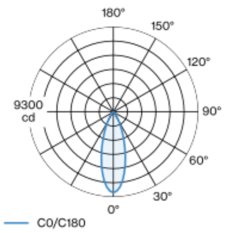
Notes

Count / Date

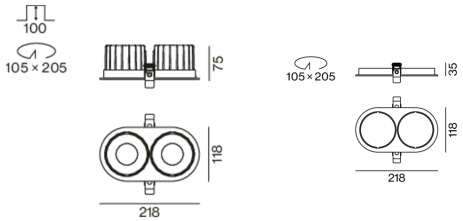
IP20 / IP40 · 220-240V · X-PERT · X-PERT

Round recessed spotlight in die-cast aluminium; 2 lamps; surface matt silver; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim jet black; 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; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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 34° 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



General

Ceiling , Recessed
matt silver
Mounting set jet black
front IP40 , back IP20
4040 lm

LED

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

Optical

medium
beam angle 34°
PstLM ≤ 1.0 [1]
SVM ≤ 0.4 [1]

Electrical

DALI-2
56 W
total insets 48 W
PC2 220-240V
72 lm/W
1 DALI Addr.

Physical

trim
length 218 mm
width 118 mm
height 75 mm

Cutout

diameter 105 mm
length 205 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 100 mm

[1] Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

['048-2700E14M 048-2798318 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.

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