

SASSO 100 round downlight

trim 2 lamps

048-2700014W 048-279831G 002-90766



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

matt silver

Mounting set white aluminium

front IP44 , back IP20

3460 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 , R_f: 90 , R_{t(1-15)}: 87

MR 0.6

MDER 0.54

Optical

wide flood

beam angle 65°

$\geq 65^\circ < 1500 \text{ cd/m}^2$

PstLM ≤ 1.0 ¹

SVM ≤ 0.4 ¹

Electrical

non DIM

system 35 W

inset 15.2 W

36 V_f

450 mA

total insets 30 W

PC2 220-240V

system 99 lm/W²

inset 114 lm/W³

Physical

trim

length 218 mm

width 118 mm

height 75 mm

0.57 kg

Cutout

diameter 105 mm

length 205 mm

width 105 mm

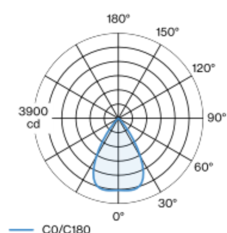
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

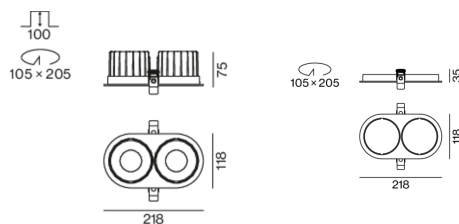
recessed depth 100 mm

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 white aluminium; 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 65° beam; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. converter, non dimmable; 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



[048-2700014W 048-279831G 002-90766] 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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Installation
instructions



Lighting
calculator

