

# SASSO 100 round downlight

trim 2 lamps

048-2700412S 048-2798318 002-90774



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



↑ IP20  
↓ IP44

220-240V

X-PERT

X-PERT

## General

Ceiling , Recessed \_\_\_\_\_

chrome \_\_\_\_\_

Mounting set jet black \_\_\_\_\_

front IP44 , back IP20 \_\_\_\_\_

3720 lm \_\_\_\_\_

## LED

2700 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 2 SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>t(1-15)</sub>: 89 \_\_\_\_\_

MR 0.53 \_\_\_\_\_

MDER 0.48 \_\_\_\_\_

## Optical

spot \_\_\_\_\_

beam angle 19° \_\_\_\_\_

UGR < 13 , ≥65° <3000 cd/m<sup>2</sup> \_\_\_\_\_

PstLM ≤ 1.0 <sup>1</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>1</sup> \_\_\_\_\_

Round recessed spotlight in die-cast aluminium; 2 lamps; surface chrome; 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; light colour 2700 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 19° beam; UGR ≤ 13; 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. 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;

## Electrical

non DIM \_\_\_\_\_

58 W \_\_\_\_\_

total insets 50 W \_\_\_\_\_

PC2 220-240V \_\_\_\_\_

64 lm/W \_\_\_\_\_

## Physical

trim \_\_\_\_\_

length 218 mm \_\_\_\_\_

width 118 mm \_\_\_\_\_

height 75 mm \_\_\_\_\_

0.46 kg \_\_\_\_\_

## Cutout

diameter 105 mm \_\_\_\_\_

length 205 mm \_\_\_\_\_

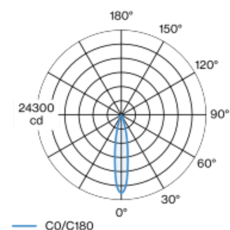
min. ceiling thickness 2 mm \_\_\_\_\_

max. ceiling thickness 25 mm \_\_\_\_\_

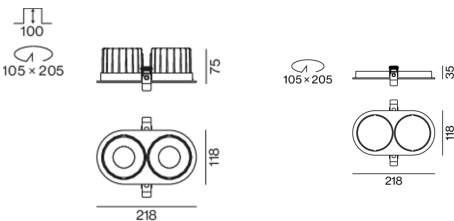
recessed depth 100 mm \_\_\_\_\_

<sup>1</sup> Value of containing product at full load (undimmed)

## Light distribution



## Product drawing



## Installation instructions



## Lighting calculator



[048-2700412S 048-2798318 002-90774] 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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