# **SASSO 100** round downlight trim soft acoustic ceiling

048-2700014S 048-2796397 002-90789

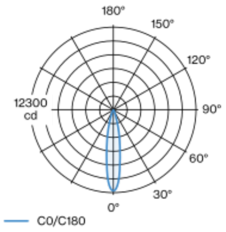
Project / Type

Notes

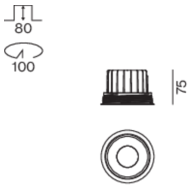
Count / Date

Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim signal white for acoustic ceilings; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 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 19° beam; UGR ≤ 13; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; 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 signal white for acoustic ceilings
front IP44 , back IP20
2060 lm
fixture 91 lm/W[1]

### LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
$R_g$: 99 , $R_f$: 90 , $R_{f\{1\text{-}15\}}$: 87
MR 0.6
MDER 0.54

### Optical

spot
beam angle 19°
UGR ≤ 13
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

### Electrical

DALI-2
220-240 V
system 26.7 W
fixture 22.7 W
36 Vf
650 mA
PC2
1 DALI Addr.

### Physical

with trim for acoustic ceiling
diameter 114 mm
height 75 mm
0.49 kg

### Cutout

diameter 100 mm
min. ceiling thickness 25 mm
max. ceiling thickness 40 mm
recessed depth 80 mm

[1] incl. consideration of optical losses & internal control unit losses
[2] Value of containing product at full load (undimmed)

## Installation instructions

## Lighting calculator

['048-2700014S 048-2796397 002-90789'] 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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