SASSO 100 round downlight trimless soft acoustic ceiling

048-2700217M 048-2796197 002-90766

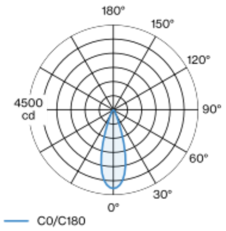
Project / Type

Notes

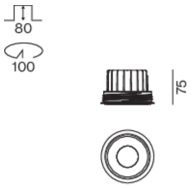
Count / Date

Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; round installation housing; signal white for acoustic ceilings; for trimless 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 3500 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 33° beam; UGR ≤ 19; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; 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



General

Ceiling , Recessed
white , RAL 9016 [1]
Mounting set signal white for acoustic ceilings
front IP44 , back IP20
1550 lm
fixture 102 lm/W[2]

LED

3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 99 , R_f: 90 , R_{f1-15}: 89
MR 0.7
MDER 0.64

Optical

medium
beam angle 33°
UGR ≤ 19
PstLM ≤ 1.0 [3]
SVM ≤ 0.4 [3]

Electrical

non DIM
220-240 V
system 17.9 W
fixture 15.2 W
36 Vf
450 mA
PC2

Physical

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

Installation instructions

Lighting calculator

['048-2700217M 048-2796197 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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