SASSO 100 round downlight

trimless

048-2700019S 048-2796117 002-90766

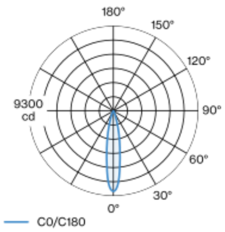
Project / Type

Notes

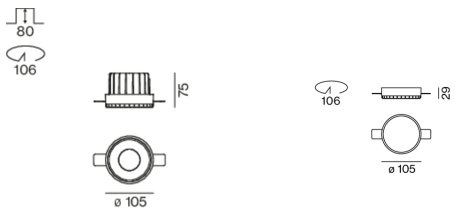
Count / Date

Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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 19° beam; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; 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
gold , RAL 260-M [1]
Mounting set traffic white
front IP44 , back IP20
1470 lm
fixture 96 lm/W[2]

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 99 , R_f: 90 , R_{f1-15}: 87
MR 0.6
MDER 0.54

Optical

spot
beam angle 19°
UGR ≤ 13 , ≥65° <3000 cd/m²
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
diameter 105 mm
height 75 mm
0.49 kg

Cutout

diameter 106 mm
min. ceiling thickness 12.5 mm
max. ceiling thickness 25 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

['048-2700019S 048-2796117 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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