SASSO PRO 100
adjustable

offset trimless

048-2412518M 052-1931447

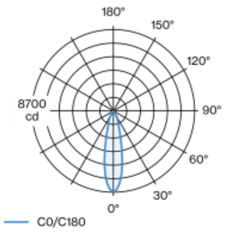
Project / Type

Notes

Count / Date

Round recessed spotlight in die-cast aluminium with recessed luminaire plane; surface black powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing traffic white; 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 ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality reflector made of plastic with spherical reflector; aluminium, vapour deposition coated; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 24° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; converter wired secondary side; through wiring connection box, 3-pole or 5-pole, available as an accessory; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

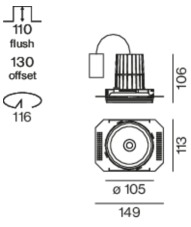
Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	8660	0.43
2	2160	0.87
3	960	1.30
4	540	1.73
5	350	2.17

Product drawing



General

Ceiling | Recessed
tilt max 35°
rotation 360°
black | RAL 9005 [1]
Mounting set traffic white
IP20
2210 lm

LED

3000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 100 | R_f: 89 | $R_{f\{1\text{-}15\}}$: 89
MR 0.56 | MDER 0.51

Optical

medium | beam angle 24°
PstLM ≤ 1.0 [2]| SVM ≤ 0.4 [2]

Electrical

non DIM
PC2 | 220-240 V
system 27.0 W
system 82 lm/W [3]

Physical

trimless
diameter 105 mm | height 106 mm
0.6 kg

Cutout

diameter 116 mm
min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm
recessed depth 130 mm

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

Installation instructions

Lighting calculator

['048-2412518M 052-1931447'] 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.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com