SASSO PRO 100
adjustable flush trim square

048-2410438S 052-1942417

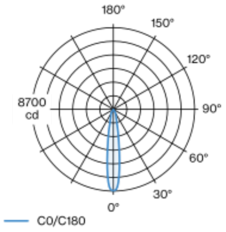
Project / Type

Notes

Count / Date

Round recessed spotlight in die-cast aluminium; surface jet black powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 5-25 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 ≤ 3 SDCM; CRI ≥ 90; min. 90% 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 17° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; 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;

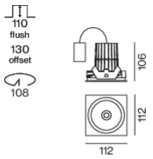
Light distribution



spot 17°

h (m)	E0° (lx)	ø (m)
1	8660	0.29
2	2160	0.59
3	960	0.88
4	540	1.18
5	350	1.47

Product drawing



General
Ceiling | Recessed
tilt max 35°
rotation 360°
jet black | RAL 9005
Mounting set traffic white
IP20
1330 lm

LED
2700 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 100 | R_f: 89 | $R_{f\{1\text{-}15\}}$: 86
MR 0.49 | MDER 0.44

Optical
spot | beam angle 17°
PstLM ≤ 1.0 [1] | SVM ≤ 0.4 [1]

Electrical
DALI-2 | 1 DALI Addr.
PC2 | 220-240 V
system 14.7 W
system 90 lm/W [2]

Physical
trim
length 112 mm | width 112 mm | height 106 mm
0.62 kg

Cutout
diameter 108 mm
min. ceiling thickness 5 mm | max. ceiling thickness 25 mm
recessed depth 110 mm

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

Installation instructions

Lighting calculator

['048-2410438S 052-1942417'] 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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