SASSO PRO 100
adjustable flush trim round

048-2411E37F 052-1922447

General

Ceiling , Recessed
tilt max 35°
rotation 360°
white , RAL 9016 [1]
Mounting set traffic white
IP20
853 lm

LED

colour warm dimming
2000 K - 3000 K
CRI ≥ 95
L80 / 50000 h
initial MacAdam ≤ 4 SDCM
R_g: 100 , R_f: 91 , $R_{(1-15)}$: 90
MR 0.61
MDER 0.55

Optical

flood
beam angle 36°
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

Electrical

DALI-2
220-240 V
system 14.9 W
system 57 lm/W[3]
PC2
1 DALI Addr.

Physical

trim
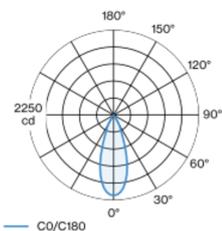diameter 112 mm
height 106 mm
0.6 kg

Cutout

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

Round recessed spotlight in die-cast aluminium; surface white powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; round 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; CWD (Colour Warm Dimming) of 2000K - 3000K; binning initial MacAdam ≤ 4 SDCM; CRI ≥ 95; min. 80% 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 36° 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; with colour warm dimming a step-less change of colour temperature occurs simultaneously with a reduction in light intensity; similar to the dimming characteristic of an incandescent lamp; reducing the illuminance enables a very warm tone; 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;
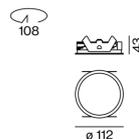
Light distribution

— C0/C180
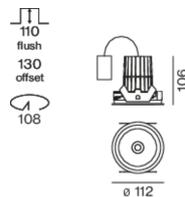
flood 36°

h (m)	E0° (lx)	ø (m)
1	2120	0.65
2	530	1.31
3	240	1.96
4	130	2.61
5	80	3.27

Product drawing

Installation instructions

Lighting calculator

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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.91	0.9	0.87	0.83	0.8
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF[a]	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF[a]	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

[a] According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	22
B13	30
B16	36
B20	46
C10	36
C13	50
C16	60
C20	76

Components

MOUNTING SET

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
round flush	traffic white	112	052-1922447

Mounting accessories

THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm, Linect®-Ready	105·58·30	005-2531110
DALI cable ø 4 – 12 mm, Linect®-Ready	105·58·30	005-2551110

Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

L·W·H (MM)	ARTICLE NUMBER(S)
240·400·130	052-1914420

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Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2191317
jet black	74	048-2191318

LINEAR PRISMATIC LENS

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2192317
jet black	74	048-2192318

SNOOT

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2191117
jet black	74	048-2191118

SNOOT WITH HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	74	048-2191217
jet black	74	048-2191218