

SASSO 100 round adjustable

ceiling
048-34102174M



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling | Surface _____

tilt max 20° _____

rotation 360° _____

white | RAL 9016 ¹ _____

Inner colour matt silver _____

IP20 _____

1530 lm _____

LED

3500 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 | R_r: 90 | R_{t(1-15)}: 89 _____

MR 0.7 | MDER 0.64 _____

Optical

medium | beam angle 32° _____

UGR ≤ 16 | ≥65° <3000 cd/m² _____

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ² _____

Electrical

non DIM _____

PC1 | 220-240 V _____

system 17.9 W _____

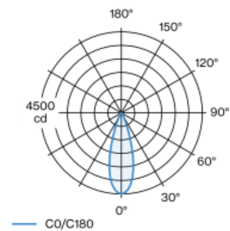
system 85 lm/W ³ _____

Physical

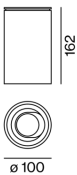
diameter 100 mm | height 162 mm _____

Cylindrical surface mounted spotlight in die-cast aluminium; suitable for ceiling mounting; surface white powder coated; Inner colour lacquered in matt silver; 360° rotatable and 20° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; 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 32° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; converter integrated into spotlight head; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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

Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
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 Factor

^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
B13	40
B16	50
B20	62
C13	67
C16	85
C20	104

Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	50	007-1965598

