

SASSO 60 round downlight

suspended

048-31702171W



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

white , RAL 9016 ¹

Inner colour black

IP20

836 lm

LED

3500 K

CRI \geq 90

L80 / 50000 h

initial MacAdam \leq 2 SDCM

R_g: 99 , R_r: 90 , R_{r(1-15)}: 89

MR 0.7

MDER 0.64

Optical

wide flood

beam angle 56°

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

non DIM

220-240 V

system 10.2 W

system 82 lm/W³

PC1

Physical

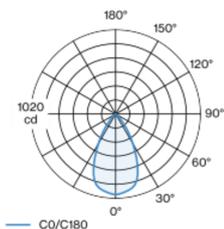
diameter 72 mm

height 150 mm

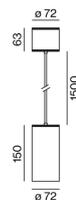
0.85 kg

Cylindrical spotlight in die-cast aluminium; surface white powder coated; Inner colour lacquered in black; pendant fitting with 1500mm suspension, incl. feed (white), can be individually shortened; 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 \leq 2 SDCM; CRI \geq 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 56° beam; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; converter included in canopy; canopy 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

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	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
B10	46
B13	59
B16	74
B20	92
C10	74
C13	94
C16	119
C20	149