

SASSO 60 base square downlight 1 lamp

ceiling

048-30301371M



Project / Type

Notes

Count / Date



General

Ceiling , Surface

white , RAL 9016 ¹

Inner colour black

IP20

880 lm

LED

4000 K

CRI \geq 90

L80 / 50000 h

initial MacAdam \leq 2 SDCM

R_g: 98 , R_r: 90 , R_{t(1-15)}: 88

MR 0.8

MDER 0.72

Optical

medium

beam angle 27°

UGR \leq 16

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

220-240 V

system 10.2 W

system 86 lm/W³

PC1

Physical

length 180 mm

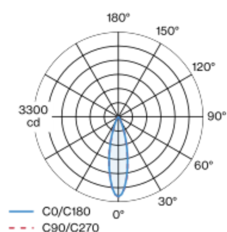
width 80 mm

height 81 mm

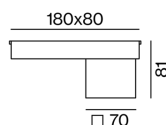
0.5 kg

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

Light distribution



Product drawing



Installation instructions



Lighting calculator



[048-30301371M] 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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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 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	72
B16	115
C10	106
C16	170

