

SASSO 60 square downlight

ceiling

048-30106117M



Project / Type

Notes

Count / Date



General

Ceiling , Surface

black , RAL9005/white ¹

Inner colour white

IP20

913 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_r: 90 , R_{t(1-15)}: 89

MR 0.81

MDER 0.74

Optical

medium

beam angle 22°

UGR < 19

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 10.4 W

PC1 220-240V

system 88 lm/W³

inset 104 lm/W⁴

Physical

length 72 mm

width 72 mm

height 108 mm

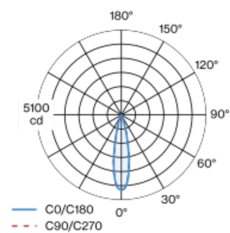
0.5 kg

¹ RAL code ² Value of containing product at full load (undimmed)

³ incl. optical losses and the efficiency of the operating device (converter)

⁴ incl. optical losses

Light distribution



Product drawing



Installation instructions



Lighting calculator



SASSO 60 square downlight

ceiling
048-30106117M



Project / Type

Notes

Count / Date

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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	62
B13	81
B16	98
B20	124
C10	104
C13	137
C16	168
C20	209

