

048-30105371W



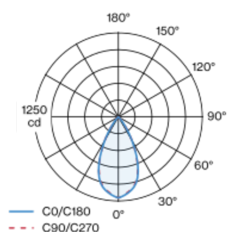
Project / Type

Notes

Count / Date



Light distribution



108
□ 72

General

Ceiling | Surface

white | RAL9016 ¹

Inner colour black

IP20

856 lm

system 82 lm/W²

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_q: 100 | R_f: 91 | R_{1-15}: 88

MR 0.59 | MDER 0.53

Optical

wide flood | beam angle 51°

UGR < 19 | $\geq 65^\circ$ < 1500 cd/m²

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 10.4 W

Physical

length 72 mm | width 72 mm | height 108 mm

0.5 kg

¹ RAL code² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



SASSO 60 square downlight

ceiling
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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

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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	40
B13	50
B16	65
B20	85
C10	70
C13	80
C16	104
C20	130

