

SASSO 60 square downlight

semi-recessed

048-30014114W 002-90762



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed
black , RAL9005/matt silver ¹
Inner colour matt silver
front IP40 , back IP20
1020 lm

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
 $R_g: 99, R_f: 91, R_{f(1-15)}: 89$
MR 0.53
MDER 0.48

Optical

wide flood
beam angle 52°
 $\geq 65^\circ < 1500 \text{ cd/m}^2$
 $\text{PstLM} \leq 1.0$ ²
 $\text{SVM} \leq 0.4$ ²

Electrical

DALI-2
12.6 W
inset 10.7 W
36 Vf
300 mA
PC2 220-240V
81 lm/W
1 DALI Addr.

Physical

length 72 mm
width 72 mm
height 75 mm
0.12 kg

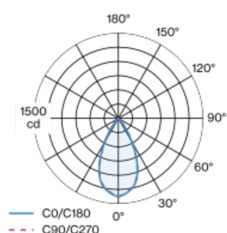
Cutout

recessed depth 120 mm

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

Square semi-recessed spotlight made of aluminium; surface black (housing/light inset); 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 2700 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 52° beam; degree of protection IP40; PC2 220-240V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



Installation instructions



Lighting calculator



[048-30014114W 002-90762] 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	0.96	0.92	0.88	0.85	0.81
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	18
B16	30
C10	23
C16	36

Components

CONVERTER

L-W-H (MM)	ARTICLE NUMBER(S)
143-43-30	002-90762



Optional electrical accessories

DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
72-90-63	005-6520210



DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
DALI-2 200-1050 mA 2 x 42W	36-88-59	005-6121030

