

SASSO 60 square downlight

trim 2 lamps

048-2612517W 048-2699318 002-90771



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

white , RAL9016 ¹

Mounting set jet black

front IP44 , back IP20

2120 lm

LED

3000 K

CRI \geq 90

L80 / 50000 h

initial MacAdam \leq 2 SDCM

R_g: 100 , R_f: 91 , R_{f(1-15)}: 88

MR 0.59

MDER 0.53

Optical

wide flood

beam angle 52°

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

non DIM

25.2 W

total insets 21.4 W

PC2 220-240V

84 lm/W

Physical

trim

length 147 mm

width 81 mm

height 48 mm

0.28 kg

Cutout

length 138 mm

width 73 mm

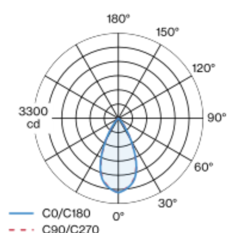
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

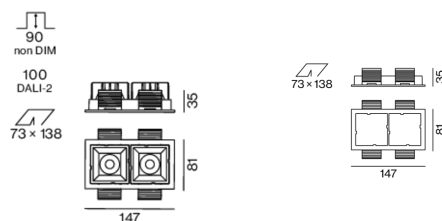
recessed depth 90 mm

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

Light distribution



Product drawing



Installation instructions



Lighting calculator



[048-2612517W 048-2699318 002-90771] 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

03.05.2024

1 / 2

SASSO 60 square downlight

trim 2 lamps

048-2612517W 048-2699318 002-90771



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	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	43
B13	55
B16	68
B20	85
C10	72
C13	94
C16	116
C20	145

Components

MOUNTING SET with trim 2 lamps

TYPE for intermediate ceilings	COLOUR jet black	L-W-H (MM) 147-81-35	ARTICLE NUMBER(S) 048-2699318
-----------------------------------	---------------------	-------------------------	----------------------------------



CONVERTER

L-W-H (MM) 85-40-22	ARTICLE NUMBER(S) 002-90771
------------------------	--------------------------------



Mounting accessories

THROUGH WIRING CONNECTION BOX

TYPE non DIM cable ø 4 – 12 mm	L-W-H (MM) 105-58-30	ARTICLE NUMBER(S) 005-253110
DALI cable ø 4 – 12 mm	105-58-30	005-255110



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

COLOUR white aluminium	L-W-H (MM) 614-307-120	ARTICLE NUMBER(S) 048-2695110
---------------------------	---------------------------	----------------------------------



Optional electrical accessories

DIN RAIL POWER SUPPLY

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



DIN RAIL LED DRIVER

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

