

SASSO 60 square downlight

trim 2 lamps

048-2612914W 048-269931G 002-90790



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

matt silver

Mounting set white aluminium

front IP44 , back IP20

2140 lm

fixture 101 lm/W¹

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_f: 91 , R_{1-15}: 87

MR 0.52

MDER 0.47

Optical

wide flood

beam angle 58°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

220-240 V

system 25.0 W

fixture 10.6 W

36 Vf

300 mA

fixture 21.3 W

PC2

1 DALI Addr.

Physical

trim

length 147 mm

width 81 mm

height 48 mm

0.34 kg

Cutout

length 138 mm

width 73 mm

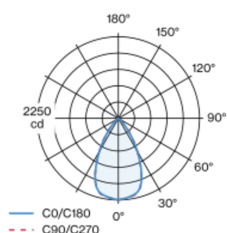
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

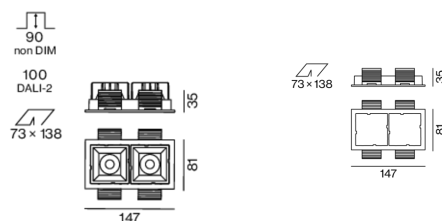
recessed depth 100 mm

Recessed square spotlight in die-cast aluminium; 2 lamps; surface matt silver; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim white aluminium; suitable for ceiling thickness of 2-25 mm; 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 58° beam; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ incl. consideration of optical losses & internal control unit losses

² Value of containing product at full load (undimmed)

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Installation
instructions



Lighting
calculator



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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

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	white aluminium	147-81-35	048-269931G



POWER SUPPLY

ARTICLE NUMBER(S)
002-90790

Mounting accessories

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2531110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2551110



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

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



Optional electrical accessories

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



DIN RAIL POWER SUPPLY

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



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Optional electrical accessories

POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box DALI-2	002-90790A
with junktion box DALI-2	002-90748A
with junktion box non DIM	002-90771A
with junktion box non DIM	002-90742A

Optional electrical accessories

POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
with loop through function	185-30-21	002-90770
with loop through function	185-30-21	002-90747

