

SASSO 60 square downlight

trim 2 lamps

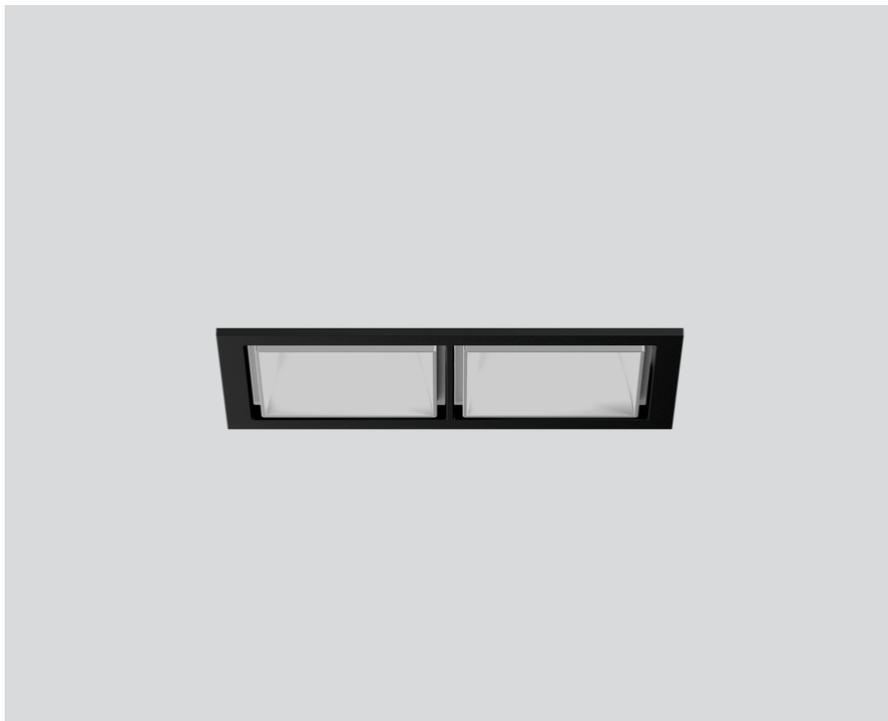
048-2612E14F 048-2699318 002-90762



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed
 matt silver
 Mounting set jet black
 front IP40 , back IP20
 1580 lm

LED

colour warm dimming
 1800 K - 3000 K
 CRI \geq 90
 L85 / 50000 h
 initial MacAdam \leq 3 SDCM
 R_g: 101 , R_f: 94 , R_{f(1-15)}}: 96
 MR 0.64
 MDER 0.58

Optical

flood
 beam angle 35°
 PstLM \leq 1.0 ¹
 SVM \leq 0.4 ¹

Electrical

DALI-2
 24.0 W
 total insets 20.4 W
 PC2 220-240V
 66 lm/W
 1 DALI Addr.

Physical

trim
 length 147 mm
 width 81 mm
 height 48 mm
 0.34 kg

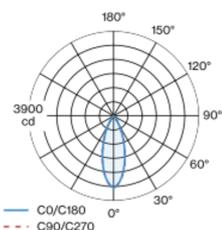
Cutout

length 138 mm
 width 73 mm
 min. ceiling thickness 2 mm
 max. ceiling thickness 25 mm
 recessed depth 100 mm

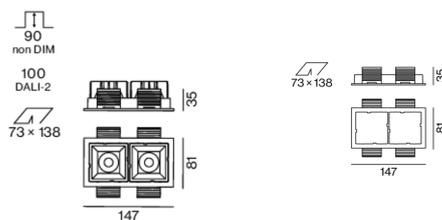
¹ Value of containing product at full load (undimmed)

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 jet black; 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; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam \leq 3 SDCM; CRI \geq 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 35° beam; degree of protection from below IP40 (from above IP20); PC2 220-240V; 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



Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.94	0.91	0.89	0.86
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

MOUNTING SET with trim 2 lamps

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



CONVERTER

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



Mounting accessories

THROUGH WIRING CONNECTION BOX

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

