

SASSO 60 square downlight

trim 2 lamps

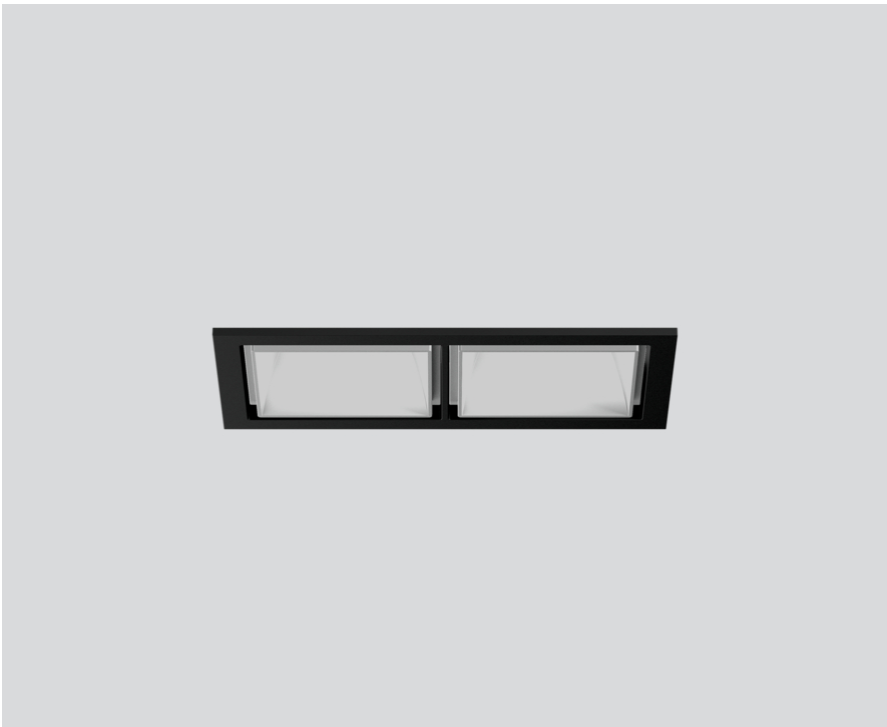
048-2612014F 048-2699318 002-90742



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed _____

matt silver _____

Mounting set jet black _____

front IP44 , back IP20 _____

2120 lm _____

fixture 100 lm/W¹ _____

LED

3000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 , R_f: 90 , R₍₁₋₁₅₎: 87 _____

MR 0.6 _____

MDER 0.54 _____

Optical

flood _____

beam angle 42° _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

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; light colour 3000 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 42° beam; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; 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;

Electrical

non DIM _____

220-240 V _____

system 25.0 W _____

fixture 10.6 W _____

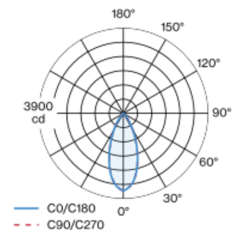
36 Vf _____

300 mA _____

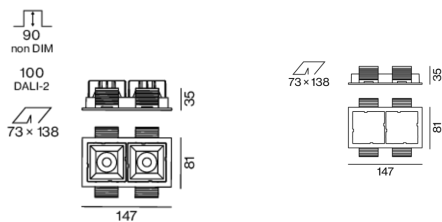
fixture 21.3 W _____

PC2 _____

Light distribution



Product drawing



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 FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
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	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
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POWER SUPPLY

TYPE 10 W	L-W-H (MM) 65-39-20	ARTICLE NUMBER(S) 002-90742
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Mounting accessories

THROUGH WIRING CONNECTION BOX

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



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

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

DIN RAIL POWER SUPPLY

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