

SASSO 100 square adjustable

trim 2 lamps

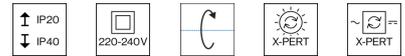
048-2730E12M 048-279931G 002-90776



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed
tilt max 30°
chrome
Mounting set silver-grey
front IP40 , back IP20
4120 lm

LED

colour warm dimming
1800 K - 3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 100 , R_r: 89 , R₍₁₋₁₅₎: 89
MR 0.56
MDER 0.51

Optical

medium
beam angle 34°
P_{stLM} ≤ 1.0¹
SVM ≤ 0.4¹

Electrical

DALI-2
56 W
total insets 48 W
PC2 220-240V
74 lm/W
1 DALI Addr.

Physical

trim
length 218 mm
width 118 mm
height 95 mm

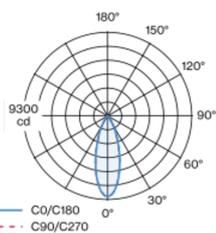
Cutout

length 210 mm
width 112 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 100 mm

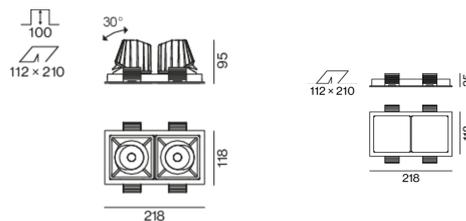
¹ Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 2 lamps; surface chrome; 30° tiltable; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim silver-grey; 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 ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 34° 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	0.97	0.95	0.93	0.91	0.89
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	white aluminium	218-118-35	048-279931G



CONVERTER

L-W-H (MM)	ARTICLE NUMBER(S)
147-44-30	002-90776



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

