SASSO 100 square
wallwasher/floor

trimless

048-2750514W 048-2797117 002-90774

220-240V	X-PERT	X-PERT

General

Ceiling , Recessed
matt silver
Mounting set traffic white
IP20
2690 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 100 , R_f: 91 , $R_{\{1-15\}}$: 88
MR 0.59
MDER 0.53

Optical

wallwasher floor
PstLM ≤ 1.0 [1]
SVM ≤ 0.4 [1]

Electrical

non DIM
27.5 W
PC2 220-240V
98 lm/W

Physical

trimless
length 105 mm
width 105 mm
height 96 mm
0.21 kg

Cutout

length 106 mm
width 106 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; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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; with specially computed, asymmetrical reflector for homogeneous lighting intensity; high quality reflector with micro-faceted, aluminum-vaporised surface; PC2 220-240V; 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;

Light distribution

- C0/C180
- - - C90/C270
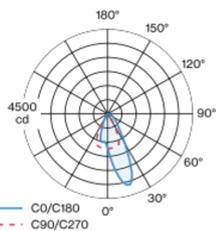
Product drawing
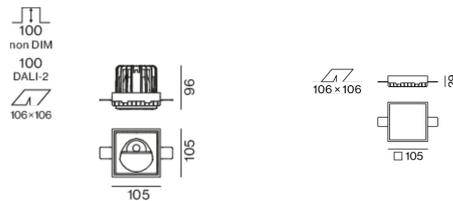
Installation instructions

Lighting calculator

16.05.2024

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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	20
B16	32
C10	33
C16	53

Components

MOUNTING SET trimless

TYPE	COLOUR	L·W·H (MM)	ARTICLE NUMBER(S)
for plasterboard ceilings 12.5/15/25 mm	traffic white	105·105·29	048-2797117

CONVERTER

L·W·H (MM)	ARTICLE NUMBER(S)
143·43·30	002-90774

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

Optional electrical accessories

DIN RAIL POWER SUPPLY

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

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

16.05.2024