SASSO 100 round wallwasher/floor

trim

048-2740417W 048-2796317 002-90777

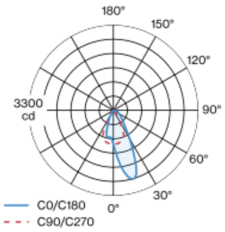
Project / Type

Notes

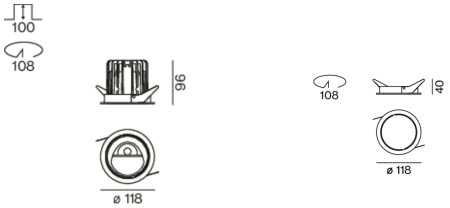
Count / Date

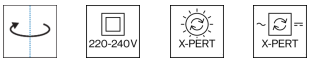
Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; no 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; 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



Product drawing





General

Ceiling , Recessed
rotation 360°
white , RAL9016 [1]
Mounting set traffic white
IP20
1870 lm

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 99 , R_f: 91 , $R_{f\{1\text{-}15\}}$: 89
MR 0.53
MDER 0.48

Optical

wallwasher floor
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

Electrical

non DIM
system 19.2 W
inset 16.3 W
36 Vf
500 mA
PC2 220-240V
system 97 lm/W[3]
inset 115 lm/W[4]

Physical

trim
diameter 118 mm
height 96 mm
0.67 kg

Cutout

diameter 108 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 100 mm

[1] RAL code [2] Value of containing product at full load (undimmed)
[3] incl. optical losses and the efficiency of the operating device (converter)
[4] incl. optical losses

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	0.92	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	22
B16	36
C10	37
C16	60

Components

MOUNTING SET with trim 1 lamp

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	118	048-2796317

CONVERTER

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
21 W	143·43·30	002-90777

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

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
160 W	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

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