

SASSO 100 round wallwasher trimless soft acoustic ceiling

048-2740917A 048-2796198 002-90780



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; Traffic black; for trimless installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 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 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% 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
Traffic black
IP20
2270 lm

LED

2700 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 101 , R_f: 90 , R_{f(1-15)}: 88
MR 0.51
MDER 0.46

Optical

wallwasher

Electrical

non DIM
system 27.8 W
inset 23.6 W
36 Vf
650 mA
PC2 220-240V
system 82 lm/W²
inset 96 lm/W³

Physical

trimless for acoustic ceiling
diameter 114 mm
height 96 mm
0.68 kg

Cutout

diameter 100 mm
min. ceiling thickness 25 mm
max. ceiling thickness 40 mm
recessed depth 120 mm

¹ RAL code
² incl. optical losses and the efficiency of the operating device (converter)
³ 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	0.981	0.959	0.937	0.916	0.895
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	33
B16	53
B20	67
B25	83
C10	40
C16	64
C20	80
C25	100

Components

MOUNTING SET trimless for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic black for acoustic ceilings	114	048-2796198



CONVERTER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
31 W	143-43-30	002-90780



Electrical 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



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

