

SASSO 100 round adjustable

trim

048-2720519M 048-279631G 002-90777

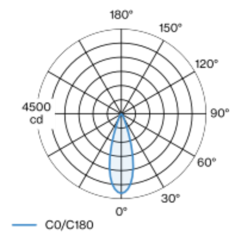


Project / Type	
Notes	
Count / Date	



Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim white aluminium; 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 32° beam; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection from below IP40 (from above IP20); 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	
tilt max 30°	
rotation 360°	
gold , RAL260-M ¹	
Mounting set white aluminium	
front IP40 , back IP20	
1430 lm	

LED

3000 K	
CRI ≥ 90	
L80 / 50000 h	
initial MacAdam ≤ 2 SDCM	
R _g : 100 , R _f : 91 , R _{f(1-5)} : 88	
MR 0.59	
MDER 0.53	

Optical

medium	
beam angle 32°	
UGR < 16 , $\geq 65^\circ < 3000$ cd/m ²	
PstLM ≤ 1.0 ²	
SVM ≤ 0.4 ²	

Electrical

non DIM	
20.2 W	
inset 17.2 W	
36 Vf	
500 mA	
PC2 220-240V	
71 lm/W ³	
inset 83 lm/W ⁴	

Physical

trim	
diameter 118 mm	
height 95 mm	
0.47 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



SASSO 100 round adjustable

trim

048-2720519M 048-279631G 002-90777



Project / Type

Notes

Count / Date

Installation instructions



Lighting calculator



SASSO 100 round adjustable

trim

048-2720519M 048-279631G 002-90777



Project / Type

Notes

Count / Date

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	white aluminium	118	048-279631G



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

