

SASSO 60 round downlight

trim 2 lamps

048-2602214M 048-2698318 002-90771



Project / Type
Notes
Count / Date



Round recessed spotlight in die-cast aluminium; 2 lamps; surface matt silver; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim jet black; 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 3500 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 26° beam; UGR ≤ 16 ; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Recessed
rotation 360°
matt silver
Mounting set jet black
front IP44 , back IP20
2200 lm
fixture 104 lm/W ¹

LED

3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 99 , R _r : 90 , R _{t(1-15)} : 89
MR 0.7
MDER 0.64

Optical

medium
beam angle 26°
UGR ≤ 16
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

non DIM
220-240 V
system 25.0 W
fixture 10.6 W
36 Vf
300 mA
fixture 21.3 W
PC2

Physical

trim
length 147 mm
width 80 mm
height 48 mm
0.28 kg

Cutout

diameter 70 mm
length 70 mm
width 136 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 90 mm

¹ incl. consideration of optical losses & internal control unit losses
² Value of containing product at full load (undimmed)



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Installation
instructions



Lighting
calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
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	43
B13	55
B16	68
B20	85
C10	72
C13	94
C16	116
C20	145

Components

MOUNTING SET with trim 2 lamps

TYPE for intermediate ceilings	COLOUR jet black	L-W-H (MM) 147-80-21	ARTICLE NUMBER(S) 048-2698318
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POWER SUPPLY

TYPE 13 W	L-W-H (MM) 85-40-22	ARTICLE NUMBER(S) 002-90771
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Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

COLOUR white aluminium	L-W-H (MM) 614-307-120	ARTICLE NUMBER(S) 048-2695110
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Optional electrical accessories

DIN RAIL LED DRIVER

TYPE DALI-2 200-1050 mA 2 x 42W	L-W-H (MM) 36-88-59	ARTICLE NUMBER(S) 005-6121030
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DIN RAIL POWER SUPPLY

TYPE 160 W	L-W-H (MM) 72-90-63	ARTICLE NUMBER(S) 005-6520210
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Optional electrical accessories

POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box DALI-2	002-90790A
with junktion box DALI-2	002-90748A
with junktion box non DIM	002-90771A
with junktion box non DIM	002-90742A

Optional electrical accessories

POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
with loop through function	185-30-21	002-90770
with loop through function	185-30-21	002-90747

