

SASSO 60 round downlight trimless soft acoustic ceiling

048-2602117M 048-2696198 002-90742



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

white , RAL9016 ¹

Traffic black

front IP44 , back IP20

920 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_f: 90 , R₍₁₋₁₅₎: 88

MR 0.8

MDER 0.72

Optical

medium

beam angle 22°

UGR < 19

P_{stLM} ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 10.0 W

inset 8.5 W

36 Vf

250 mA

PC2 220-240V

system 92 lm/W³

inset 108 lm/W⁴

Physical

trimless for acoustic ceiling

diameter 80 mm

height 48 mm

0.22 kg

Cutout

diameter 74 mm

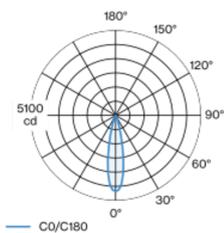
min. ceiling thickness 25 mm

max. ceiling thickness 40 mm

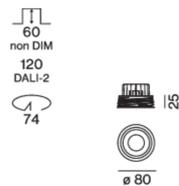
recessed depth 90 mm

Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; 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 4000 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 22° beam; UGR ≤ 19; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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



[048-2602117M 048-2696198 002-90742] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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21.11.2024

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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
 MF Maintenance Factor
 LMF^a Luminaire Maintenance Factor

RSMF^a Room Surface Maintenance Factor
 LLMF Lamp Lumens 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	57
B13	75
B16	92
B20	115
C10	57
C13	75
C16	92
C20	115

Components

MOUNTING SET trimless for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic black for acoustic ceilings	80	048-2696198



POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
10 W	65-39-20	002-90742



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

