

SASSO 40 round adjustable

trim 2 lamps

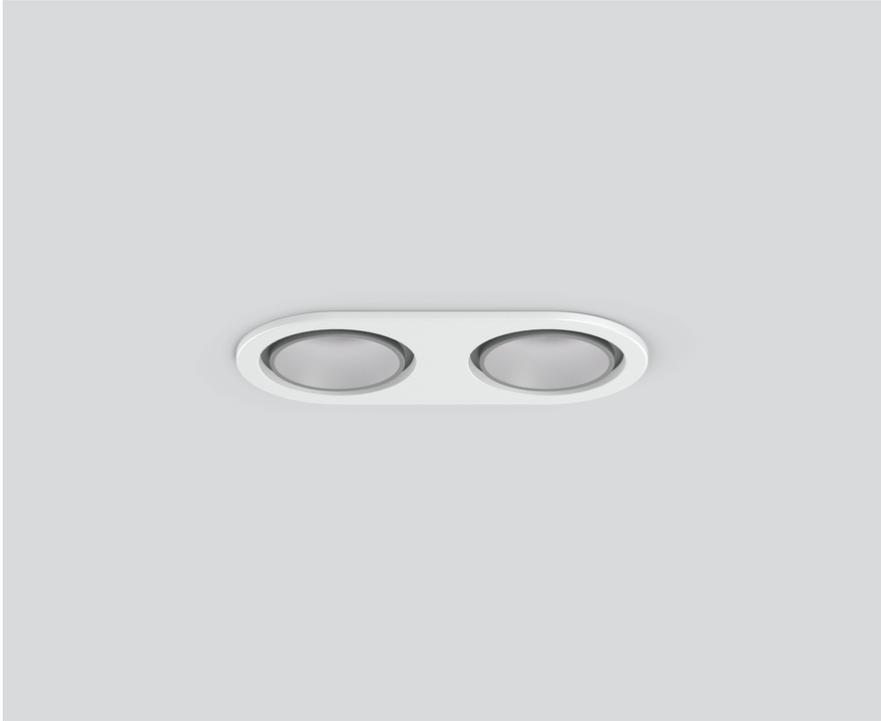
048-2820614M 048-2898317 002-90745



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

tilt max 30°

rotation 360°

matt silver

traffic white

front IP40 , back IP20

1070 lm

LED

4000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

Optical

medium

beam angle 28°

UGR < 16

PstLM ≤ 1.0¹

SVM ≤ 0.4¹

Electrical

DALI-2

17.5 W

total insets 14.9 W

PC2 220-240V

61 lm/W

Physical

trim

length 122 mm

width 60 mm

height 50 mm

0.1 kg

Cutout

diameter 56 mm

length 114 mm

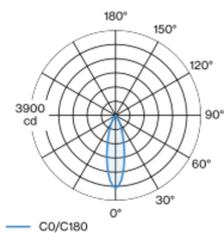
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

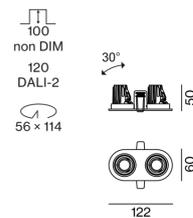
recessed depth 120 mm

Round recessed spotlight in die-cast aluminium; 2 lamps; surface matt silver; 360° rotatable and 30° tiltable; , installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim traffic white; 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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 28° beam; UGR ≤ 16; degree of protection from below IP40 (from above IP20); PC2 220-240V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



[048-2820614M 048-2898317 002-90745] 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 colour 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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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.94	0.92	0.9	0.88
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	80
B13	104
B16	130
B20	162
C10	135
C13	175
C16	220
C20	270

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	122-60-13	048-2898317



POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
166-30-22	002-90745



Optional electrical accessories

DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
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

