

SASSO 40 round adjustable

trim 2 lamps

048-2820414M 048-2898318 002-90752



Project / Type

Notes

Count / Date



General

Ceiling | Recessed

tilt max 30°

rotation 360°

matt silver

jet black

front IP40 | back IP20

768 lm

fixture 76 lm/W¹

LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_r: 91 | R_(f-15): 89

MR 0.54 | MDER 0.49

Optical

medium | beam angle 25°

UGR ≤ 10

P_{stLM} ≤ 1.0² | SVM ≤ 0.4²

Electrical

non DIM

PC2 | 220-240 V

system 12.0 W | fixture 5.1 W

total fixtures 10.2 W

12 Vf | 450 mA

Physical

trim

length 122 mm | width 60 mm | height 50 mm

0.23 kg

Cutout

diameter 56 mm | length 114 mm | width 114 mm

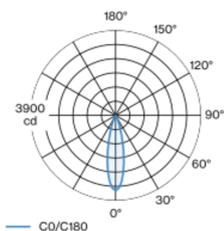
min. ceiling thickness 2 mm | max. ceiling

thickness 25 mm

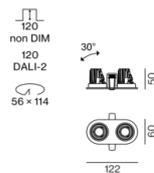
recessed depth 120 mm

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 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 2700 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 25° beam; UGR ≤ 10; degree of protection from below IP40 (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



¹ incl. consideration of optical losses & internal control unit losses

² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.97	0.94	0.91	0.88	0.85
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 Factor

^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.

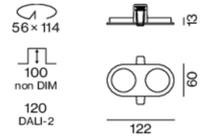
Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	39
B13	63
B16	79
C10	63
C13	101
C16	126

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	122-60-13	048-2898318



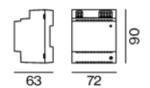
POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
65-39-20	002-90752

Optional electrical accessories

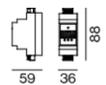
DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
72-90-63	005-6520210



DIN RAIL LED DRIVER

L-W-H (MM)	ARTICLE NUMBER(S)
36-88-59	005-6121030



[048-2820414M 048-2898318 002-90752] 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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Optional electrical accessories

POWER SUPPLY PRE-WIRED

TYPE
with junktion box

ARTICLE NUMBER(S)
002-90750A



POWER SUPPLY PRE-WIRED with loop through function

TYPE
with junktion box

ARTICLE NUMBER(S)
002-90749A



Optional electrical accessories

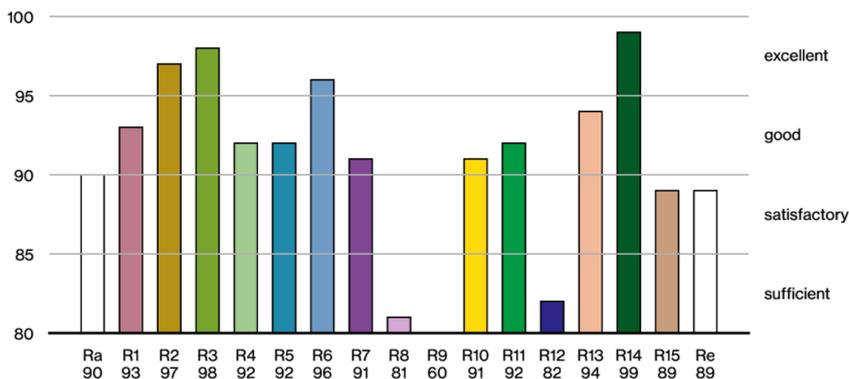
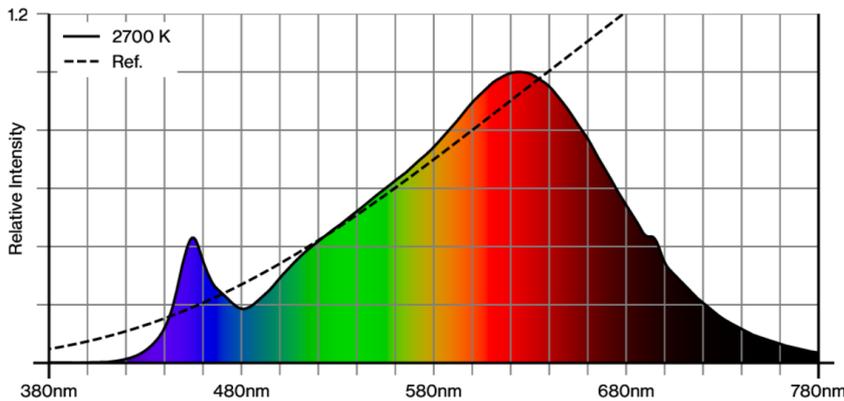
POWER SUPPLY with loop through function

L-W-H (MM)
185-30-21

ARTICLE NUMBER(S)
002-90750
002-90749



Colour rendering



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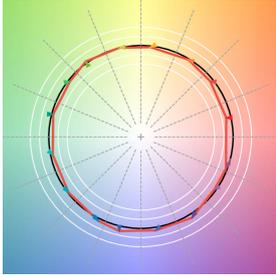


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TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.