

SASSO 60 round downlight

trim 2 lamps

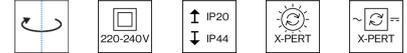
048-2602214W 048-269831G 002-90746



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

matt silver

Mounting set white aluminium

front IP44 , back IP20

1930 lm

LED

3500 K

CRI \geq 90

L80 / 50000 h

initial MacAdam \leq 2 SDCM

R_g: 99 , R_f: 90 , R_{f(1-15)}: 89

MR 0.7

MDER 0.64

Optical

wide flood

beam angle 55°

\geq 65° <1500 cd/m²

P_{stLM} \leq 1.0¹

SVM \leq 0.4¹

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 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 3500 K; binning initial MacAdam \leq 2 SDCM; CRI \geq 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 55° beam; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Electrical

DALI-2

system 20.5 W

inset 8.7 W

36 Vf

250 mA

total insets 17.4 W

PC2 220-240V

system 94 lm/W²

inset 111 lm/W³

1 DALI Addr.

Physical

trim

length 147 mm

width 80 mm

height 48 mm

0.34 kg

Cutout

diameter 70 mm

length 70 mm

width 136 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

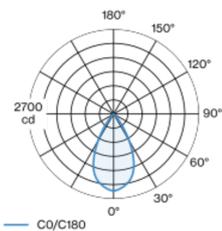
recessed depth 110 mm

¹ Value of containing product at full load (undimmed)

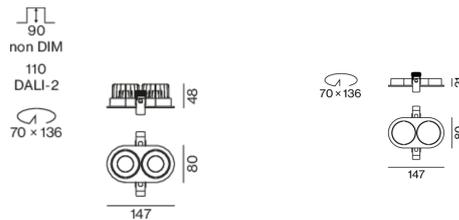
² incl. optical losses and the efficiency of the operating device (converter)

³ incl. optical losses

Light distribution



Product drawing



SASSO 60 round downlight

trim 2 lamps

048-2602214W 048-269831G 002-90746



Project / Type

Notes

Count / Date

**Installation
instructions**



**Lighting
calculator**



SASSO 60 round downlight

trim 2 lamps

048-2602214W 048-269831G 002-90746



Project / Type

Notes

Count / Date

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	18
B16	30
C10	23
C16	36

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	white aluminium	147-80-21	048-269831G



POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
28 W	143-43-30	002-90746

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



[048-2602214W 048-269831G 002-90746] 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

23.11.2024

3 / 3