

SASSO 60 round downlight

trim 2 lamps

048-2602217F 048-2698318 002-90790



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

white , RAL 9016 ¹

Mounting set jet black

front IP44 , back IP20

2120 lm

fixture 100 lm/W²

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

flood

beam angle 40°

P_{stLM} ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

DALI-2

220-240 V

system 25.0 W

fixture 10.6 W

36 Vf

300 mA

fixture 21.3 W

PC2

1 DALI Addr.

Physical

trim

length 147 mm

width 80 mm

height 48 mm

4.7 kg

Cutout

diameter 70 mm

length 70 mm

width 136 mm

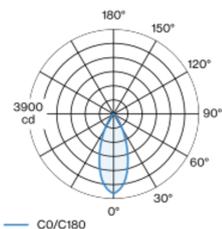
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

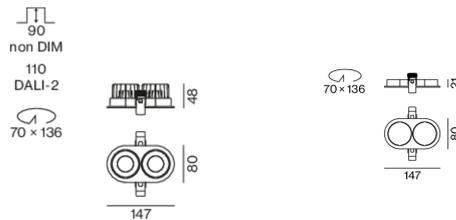
recessed depth 110 mm

Round recessed spotlight in die-cast aluminium; 2 lamps; surface white; 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 40° beam; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code

² incl. consideration of optical losses & internal control unit losses

³ Value of containing product at full load (undimmed)

SASSO 60 round downlight

trim 2 lamps

048-2602217F 048-2698318 002-90790



Project / Type

Notes

Count / Date

**Installation
instructions**



**Lighting
calculator**



SASSO 60 round downlight

trim 2 lamps

048-2602217F 048-2698318 002-90790



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 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	72
B16	115
C10	106
C16	170

Components

MOUNTING SET with trim 2 lamps

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



POWER SUPPLY

ARTICLE NUMBER(S)
002-90790

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 LED DRIVER

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



DIN RAIL POWER SUPPLY

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



Optional electrical accessories

POWER SUPPLY PREWIRED

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



[048-2602217F 048-2698318 002-90790] 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

01.05.2025

3 / 4

SASSO 60 round downlight

trim 2 lamps

048-2602217F 048-2698318 002-90790



Project / Type

Notes

Count / Date

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

