

SASSO 100 round adjustable

semi-recessed
048-3401D319S



Project / Type

Notes

Count / Date



General
Ceiling Semi-Recessed
tilt max 20°
rotation 360°
black RAL 9005 ¹
Inner colour gold
IP20
1390 lm

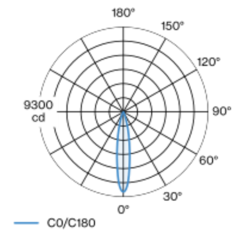
LED
tunable white 2700 K - 6500 K
CRI ≥ 92
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 97 R _r : 88 R ₍₁₋₁₅₎ : 88
MR 1.15 MDER 1.04

Optical
spot beam angle 18°
UGR ≤ 13 ≥65° <3000 cd/m²
PstLM ≤ 1.0 ² SVM ≤ 0.4 ²

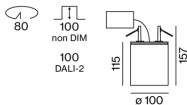
Electrical
DALI-2 1 DALI Addr.
PC2 220-240 V
system 25.6 W
system 54 lm/W ³

Physical
diameter 100 mm height 115 mm
0.76 kg

Light distribution



Product drawing



Cutout
diameter 80 mm
recessed depth 100 mm

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
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

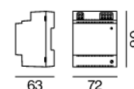
Automatic Circuit Breaker Type	Number of Fixtures
B10	33
B16	53
C10	33
C16	53

Optional electrical accessories

DIN RAIL POWER SUPPLY

L·W·H (MM)
72-90-63

ARTICLE NUMBER(S)
005-6520210



DIN RAIL LED DRIVER

TYPE
2 × 42W | 48V DC | UOUT 10–40V

L·W·H (MM)
36-88-59

ARTICLE NUMBER(S)
005-6121030



Optional electrical accessories

POWER SUPPLY PREWIRED

TYPE

with junction box
with junction box
with junction box
with junction box
with junction box
with junction box

ARTICLE NUMBER(S)

002-90767A
002-90789A
002-90776A
002-90766A
002-90780A
002-90774A



Electrical accessories

THROUGH WIRING CONNECTION BOX

TYPE

non DIM cable ø 4 – 12 mm, Linect®-Ready
DALI cable ø 4 – 12 mm, Linect®-Ready

L·W·H (MM)
105-58-30
105-58-30

ARTICLE NUMBER(S)
005-2531110
005-2551110



Optical accessories

HONEYCOMB LOUVER

COLOUR
jet black

Ø (MM)
50

ARTICLE NUMBER(S)
007-1965598



[048-3401D319S] 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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