

SASSO 100 round adjustable

semi-recessed

048-3401D314F



Project / Type

Notes

Count / Date



General

Ceiling | Semi-Recessed

tilt max 20°

rotation 360°

black | RAL 9005 ¹

Inner colour matt silver

IP20

1620 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

flood | beam angle 45°

UGR ≤ 16 | ≥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 63 lm/W ³

Physical

diameter 100 mm | height 115 mm

0.76 kg

Cutout

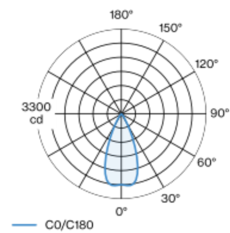
diameter 80 mm

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

Light distribution



Product drawing



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 junktion box
with junktion box
with junktion box
with junktion box
with junktion box
with junktion 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



[“048-3401D314F”] 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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