

SASSO 100 round adjustable

semi-recessed

048-3401L374W



Project / Type

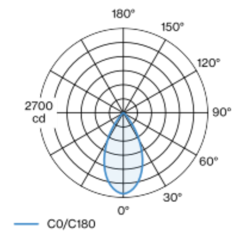
Notes

Count / Date

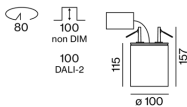


Cylindrical semi-recessed spotlight made of aluminium; surface white powder coated; Inner colour lacquered in matt silver; 360° rotatable and 20° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour tunable white; 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 53° beam; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Semi-Recessed

tilt max 20°

rotation 360°

white | RAL 9016 ¹

Inner colour matt silver

IP20

2080 lm

LED

tunable white | 1800 K - 4000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 | R_r: 89 | R_{t(1-5)}: 91

MR 0.85 | MDER 0.77

Optical

wide flood | beam angle 53°

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 27.7 W | fixture 23.5 W

system 75 lm/W ³

36 Vf | 640 mA

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

Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.975 | 0.956 | 0.936 | 0.917 | 0.899 |
| 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

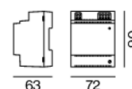
| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 33 |
| B16 | 53 |
| C10 | 33 |
| C16 | 53 |

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



[048-3401L374W] 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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