

048-346013190



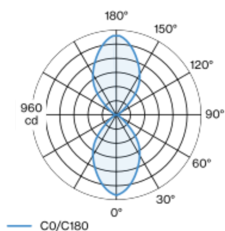
Project / Type

Notes

Count / Date



Light distribution



Technical drawing of the 1000mm x 1000mm x 183mm cabinet. The front view shows a rectangular cabinet with a height of 183mm and a width of 1000mm. The top view shows a square cabinet with a side length of 1000mm and a depth of 183mm. The drawing includes a small detail of the cabinet's internal structure.

General

Wall | Surface

black | RAL 9005 ¹

Inner colour gold

IP20

indirect 1200 lm | direct 1200 lm

total 2400 lm

LED

4000 K

$$CRI \geq 90$$

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_q: 98 | R_f: 90 | R_{1-15}: 88

MR 0.8 | MDER 0.72

Optical

opal (lambertsch)

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 36 W

system 67 lm/W²

Physical

length 113 mm | width 103 mm | height 183 mm

¹ RAL code² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



[*048-346013190*] 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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19.05.2025

SASSO 100 round direct / indirect

wall
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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
B13	40
B16	50
B20	62
C13	67
C16	85
C20	104

Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	50	007-1965598

