

LINEA opal / 1 spot

wall

058-6174548BH



Project / Type

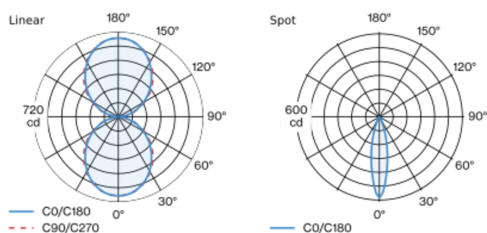
Notes

Count / Date



Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct and indirect light component: HPO (High Performance Opal) cover for uniform illumination; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; JUST 26 spotlight module 2,2 W / 141 lm / 3000 K left, incl. switch; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

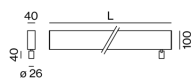
Light distribution



flood 23° Spot

h (m)	E0° (lx)	ø (m)
1	584	0.41
2	146	0.83
3	65	1.24
4	37	1.65
5	23	2.07

Product drawing



General

Wall , Surface

black , RAL9005 ¹

2890 lm/m

IP20

indirect 1720 lm

direct 1760 lm

total 3480 lm

tilt max 89°

141 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h²-L85 / 50000 h³

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_r: 91 , R_{t(1-15)}: 89

MR 0.61

MDER 0.55

Optical

High Performance Opal

PstLM ≤ 1.0 ⁴

SVM ≤ 0.4 ⁴

Flood

beam angle 23°

Electrical

DALI-2 / switch (only spotlights)

2.2²-35³ W

PC1 220-240V

64²-99³ lm/W

1 DALI Addr.

29 W/m

Physical

length 1310 mm

width 40 mm

height 100 mm

left

¹ RAL code ² Spot ³ Linear

⁴ Value of containing product at full load (undimmed)

Installation instructions



[058-6174548BH] 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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07.05.2024

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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
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 Faktor

^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	80
B13	104
B16	130
B20	162
C10	135
C13	175
C16	220
C20	270

