

LINEA opal / 1 spot

wall

058-6178D38BH



Project / Type

Notes

Count / Date



General

Wall , Surface

tilt max 89°

black , RAL9005 ¹

IP20

172 lm

LED

3000 K²-tunable white³

CRI ≥ 97²-90³

L95 / 50000 h²-L85 / 50000 h³

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 92²-99³, R_f: 86²-90³, R_(f-15): 94²-88³

MR 0.53

MDER 0.48

2700 K - 5000 K

Optical

Flood

beam angle 30°

PstLM ≤ 1.0 ⁴

SVM ≤ 0.4 ⁴

High Performance Opal

Electrical

DALI-2

2.7²-83³ W

PC1 220-240V

64²-97³ lm/W

1 DALI Addr.

Physical

length 2510 mm

width 40 mm

height 100 mm

left

¹ RAL code ² Spot ³ Linear

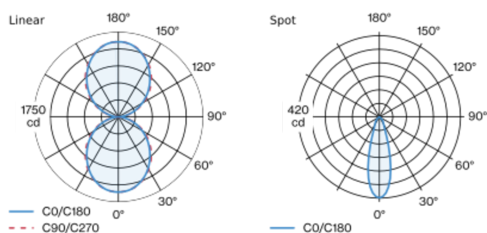
⁴ Value of containing product at full load (undimmed)

Installation instructions

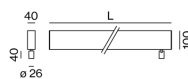


Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct and indirect light component: HPO (High Performance Opal) cover for uniform illumination; light colour: tunable white diodes (2700-5000 K); binning initial MacAdam ≤ 3 SDCM; CRI ≥ 97; min. 95% 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 2,6 W / 159 lm / 3000 K left; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



flood 30°

Spot

h (m)	E0° (lx)	ø (m)
1	419	0.54
2	105	1.09
3	47	1.63
4	26	2.17
5	17	2.72



[058-6178D38BH] 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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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.91	0.89
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	9
B13	12
B16	15
B20	19
C10	15
C13	20
C16	25
C20	32

