

LINEA opal / asymmetric

wall

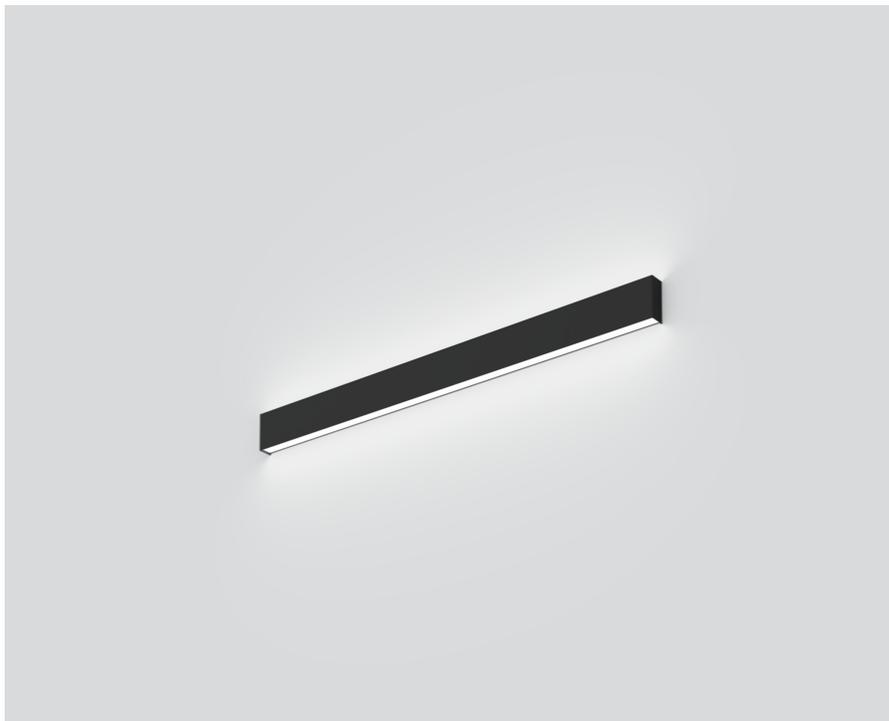
058-6178538AA



Project / Type

Notes

Count / Date



General

Wall , Surface

black , RAL9005 ¹

3210 lm/m

IP20

indirect 4190 lm

direct 3520 lm

total 7710 lm

LED

3000 K

CRI \geq 90

L85 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam \leq 3 SDCM

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

MR 0.61

MDER 0.55

Optical

High Performance Opal / Asymmetric

P_{stLM} \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

71 W

PC1 220-240V

109 lm/W

1 DALI Addr.

29 W/m

Physical

length 2410 mm

width 40 mm

height 100 mm

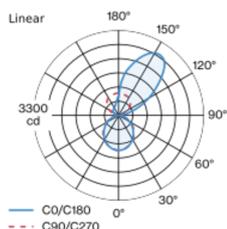
¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions

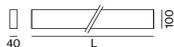


Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct light component: HPO (High Performance Opal) cover for uniform illumination; indirect light component: with specially computed, asymmetrical lens for homogeneous lighting intensity (installation optionally for floor or ceiling illumination); light colour 3000 K; binning initial MacAdam \leq 3 SDCM; CRI \geq 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; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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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	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58