

# LINEA opal / opal

wall

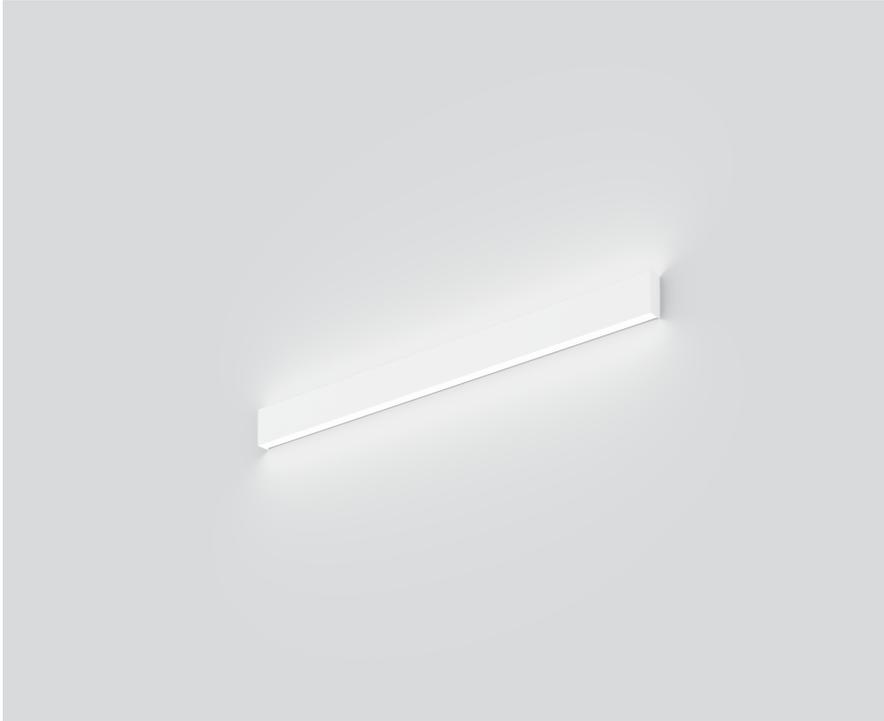
058-6174D37AH



Project / Type

Notes

Count / Date



## General

Wall , Surface

white , RAL 9010 <sup>1</sup>

IP20

indirect 2020 lm

direct 2020 lm

total 4040 lm

3350 lm/m

## LED

tunable white

2700 K - 5000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 , R<sub>r</sub>: 90 , R<sub>t[1-15]</sub>: 88

MR 0.53

MDER 0.48

## Optical

High Performance Opal

opal (lambertsch)

PstLM ≤ 1.0<sup>2</sup> <sup>3</sup>

SVM ≤ 0.4<sup>2</sup> <sup>3</sup>

## Electrical

DALI-2 DT8

220-240 V

system 42 W

system 96 lm/W<sup>4</sup>

PC1

1 DALI Addr.

35 W/m

## Physical

length 1210 mm

width 40 mm

height 100 mm

2.9 kg

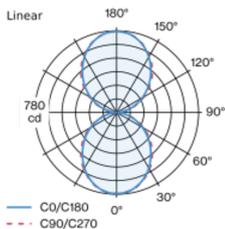
<sup>1</sup> RAL code <sup>2</sup> Linear

<sup>3</sup> Value of containing product at full load (undimmed)

<sup>4</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface white 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 ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 / DT8 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup> 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	13
B13	16
B16	22
B20	27
C10	21
C13	28
C16	36
C20	45