

LINEA opal / asymmetric

wall

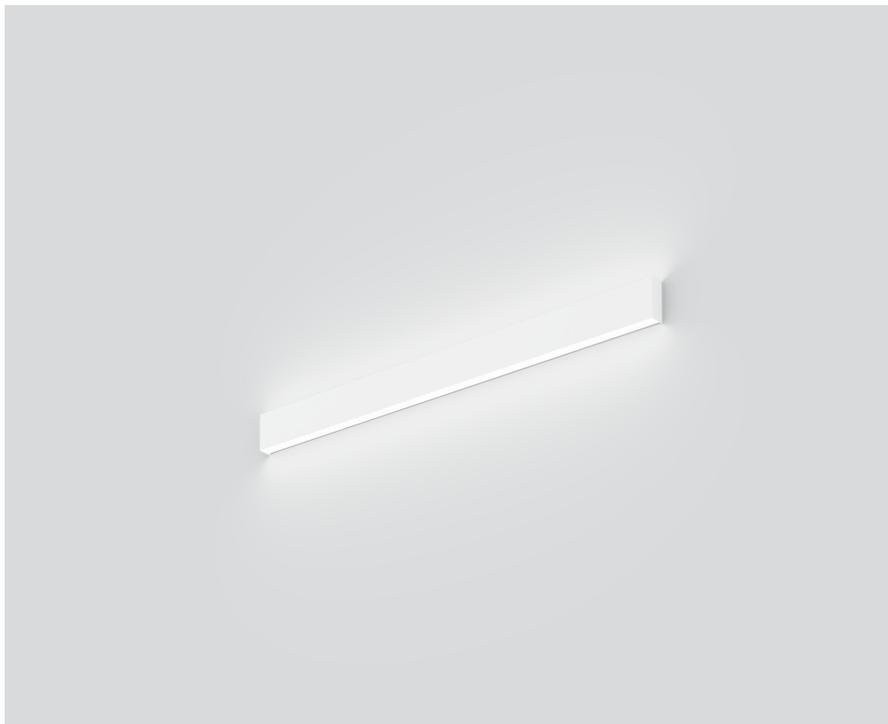
058-6171617AA



Project / Type _____

Notes _____

Count / Date _____



General

Wall , Surface
white , RAL9010 ¹
3390 lm/m
IP20
indirect 562 lm
direct 472 lm
total 1034 lm

LED

4000 K
CRI ≥ 90
L85 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam ≤ 3 SDCM
R_g: 98 , R_r: 90 , R_{r[1-15]}: 88
MR 0.76
MDER 0.69

Optical

High Performance Opal / Asymmetric
P_{stLM} ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

non DIM
9.7 W
PC1 220-240V
107 lm/W
32 W/m

Physical

length 310 mm
width 40 mm
height 100 mm

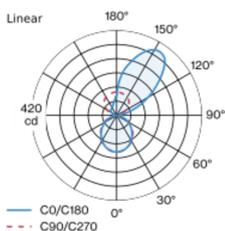
¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions



Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface white 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 4000 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; incl. converter, non dimmable; 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	31
B13	40
B16	50
B20	62
B25	78
C10	52
C13	67
C16	85
C20	104
C25	130