

LINEA opal / asymmetric

wall

058-6178D37AA



Project / Type

Notes

Count / Date



General

Wall | Surface
white | RAL 9010 ¹
IP20
indirect 4790 lm | direct 4030 lm
total 8820 lm
3670 lm/m

LED

tunable white | 2700 K - 5000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 99 | R_f: 90 | R_{f(1-15)}: 88
MR 0.53 | MDER 0.48

Optical

High Performance Opal / Asymmetric | asymmetric
PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

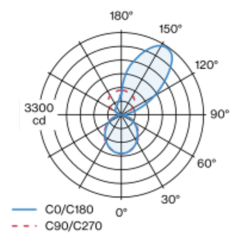
DALI-2 DT8 | 1 DALI Addr.
PC1 | 220-240 V
system 83 W
system 106 lm/W ³
35 W/m

Physical

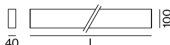
length 2410 mm | width 40 mm | height 100 mm
5.9 kg

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: 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



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



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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

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

^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

