

LINEA opal / 1 spot

wall

058-6172D37BH



Project / Type

Notes

Count / Date



General

Wall Surface
white RAL 9010 ¹
IP20
indirect 1010 lm direct 1010 lm
total 2020 lm
3330 lm/m
tilt max 89°
172 lm

LED

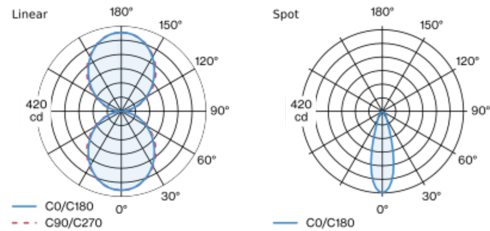
3000 K ² -tunable white ³ 2700 K - 5000 K
CRI ≥ 97 ² -90 ³
L95 / 50000 h ² -L85 / 50000 h ³
initial MacAdam ≤ 3 SDCM
R _g : 102 ² -99 ³ R _f : 96 ² -90 ³ R _{f1-15} : 96 ² -88 ³
MR 0.63 ² -0.53 ³ MDER 0.57 ² -0.48 ³

Optical

High Performance Opal flood ² -opal (lambertsch) ³
PstLM ≤ 1.0 ³ ² ⁴ SVM ≤ 0.4 ³ ² ⁴
beam angle 30°

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 ≥ 97; min. 95% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; JUST 26 spotlight module 2,6 W / 159 lm / 3000 K left; incl. DALI-2 / DT8 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

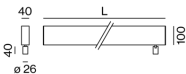
Light distribution



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

Product drawing



Physical

length 710 mm width 40 mm height 100 mm
2 kg
left

¹ RAL code ² Spot ³ Linear
⁴ Value of containing product at full load (undimmed)
⁵ 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	0.99	0.99	0.99	0.99	0.99
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

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	80
B13	104
B16	130
B20	162
C10	135
C13	175
C16	220
C20	270

