

LINEA opal / 1 spot

wall

058-6174528BH



Project / Type

Notes

Count / Date



General

Wall , Surface

tilt max 89°

black , RAL 9005 ¹

IP20

172 lm

LED

3000 K

CRI ≥ 97²-90³

L95 / 50000 h²-L85 / 50000 h³

initial MacAdam ≤ 3 SDCM

R_g: 92²-99³ , R_r: 86²-91³ , R_{f(1-15)}: 94²-89³

MR 0.53²-0.61³

MDER 0.48²-0.55³

Optical

flood²-opal (lambertsch)³

beam angle 30°

PstLM ≤ 1.0² ³ ⁴

SVM ≤ 0.4² ³ ⁴

High Performance Opal

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 and indirect light component: HPO (High Performance Opal) cover for uniform illumination; light colour 3000 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. switch; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Electrical

non DIM / switch (only spotlights)

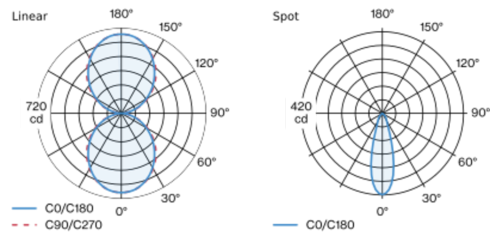
220-240 V

system 2.7²-35³ W

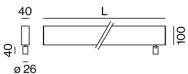
system 64²-99³ lm/W⁵

PC1

Light distribution



Product drawing



Physical

length 1310 mm

width 40 mm

height 100 mm

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

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

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

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 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	22
B13	29
B16	36
B20	45
C10	37
C13	48
C16	61
C20	76

