

LINEA opal / 1 spot

wall

058-6174628CH



Project / Type _____

Notes _____

Count / Date _____



General

Wall , Surface _____

tilt max 89° _____

black , RAL9005 ¹ _____

IP20 _____

172 lm _____

LED

3000 K²-4000 K³ _____

CRI ≥ 97²-90³ _____

L95 / 50000 h²-L85 / 50000 h³ _____

photobio. safety RG 0 - no Risk _____

initial MacAdam ≤ 3 SDCM _____

R_g: 92²-98³ , R_f: 86²-90³ , R_(f-l-15): 94²-88³ _____

MR 0.53²-0.76³ _____

MDER 0.48²-0.69³ _____

Optical

Flood _____

beam angle 30° _____

PstLM ≤ 1.0 ⁴ _____

SVM ≤ 0.4 ⁴ _____

High Performance Opal _____

Electrical

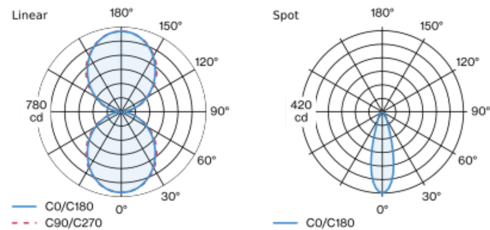
non DIM / switch (only spotlights) _____

2.7²-35³ W _____

PC1 220-240V _____

64²-110³ lm/W _____

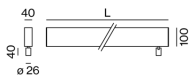
Light distribution



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 1310 mm _____

width 40 mm _____

height 100 mm _____

right _____

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

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

