

LINEA opal / 1 spot

wall

058-6174628CH



Project / Type

Notes

Count / Date



General

Wall Surface
black RAL 9005 ¹
IP20
indirect 1900 lm direct 1940 lm
total 3840 lm
3190 lm/m
tilt max 89°
172 lm

LED

3000 K ² -4000 K ³
CRI ≥ 97 ² -90 ³
L95 / 50000 h ² -L85 / 50000 h ³
initial MacAdam ≤ 3 SDCM
R _g : 102 ² -98 ³ R _f : 96 ² -90 ³ R _{f(15)} : 96 ² -88 ³
MR 0.63 ² -0.76 ³ MDER 0.57 ² -0.69 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°

Electrical

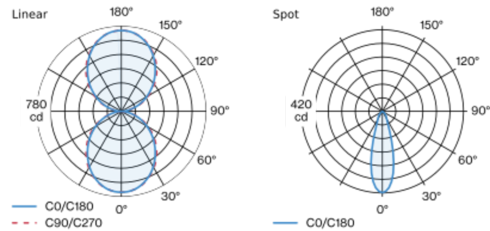
non DIM / ON/OFF switch (only spotlights)
PC1 220-240 V
system 2.7 ² -35 ³ W
system 64 ² -110 ³ lm/W ⁵
29 W/m

Physical

length 1310 mm width 40 mm height 100 mm
right

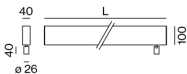
¹ RAL code ² Spot ³ Linear
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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



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	31
B13	40
B16	50
B20	62
B25	78
C10	52
C13	67
C16	85
C20	104
C25	130

