

LINEA opal / 1 spot

wall

058-6172537CH



Project / Type

Notes

Count / Date



General

Wall Surface
white RAL 9010 ¹
IP20
indirect 873 lm direct 873 lm
total 1746 lm
2890 lm/m
tilt max 89°
172 lm

LED

3000 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 -91 ³ R _{f(1-15)} : 96 ² -89 ³
MR 0.63 ² -0.61 ³ MDER 0.57 ² -0.55 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°

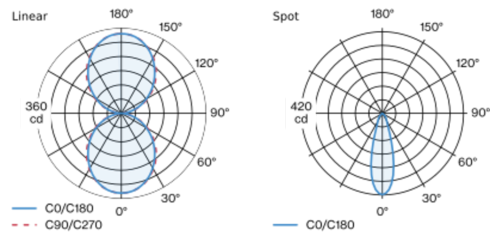
Electrical

DALI-2 1 DALI Addr.
PC1 220-240 V
system 2.7 ² -17.6 ³ W
system 64 ² -99 ³ lm/W ⁵
29 W/m

Physical

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

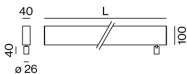
Light distribution



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



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		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire 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	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

