

LINEA opal / 1 spot

wall

058-6174D37CH



Project / Type

Notes

Count / Date



General

Wall Surface
white RAL 9010 ¹
IP20
indirect 2020 lm direct 2020 lm
total 4040 lm
3350 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 : 92 ² -99 ³ R _f : 86 ² -90 ³ R _{t[1-15]} : 94 ² -88 ³
MR 0.53 MDER 0.48

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

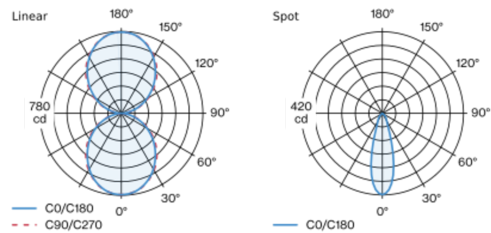
DALI-2 ² -DALI-2 DT8 ³ 1 DALI Addr.
PC1 220-240 V
system 2.7 ² -42 ³ W
system 64 ² -96 ³ lm/W ⁵
35 W/m

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

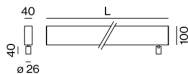
Light distribution



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

