

LINEA opal / 1 spot

wall

058-6172638CH



Project / Type _____

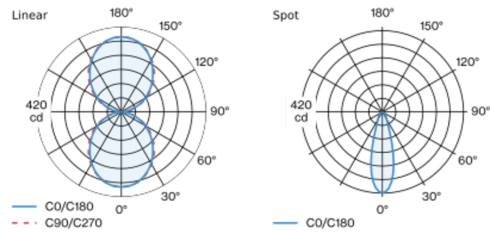
Notes _____

Count / Date _____



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 4000 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 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; JUST 26 spotlight module 2,6 W / 159 lm / 3000 K right; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

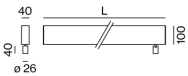
Light distribution



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



General

Wall , Surface _____

black , RAL9005 ¹ _____

3180 lm/m _____

IP20 _____

indirect 963 lm _____

direct 963 lm _____

total 1926 lm _____

tilt max 89° _____

172 lm _____

LED

3000 K²-4000 K³ _____

CRI $\geq 97^{2-90^3}$ _____

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₍₁₋₁₅₎: 94²-88³ _____

MR 0.53²-0.76³ _____

MDER 0.48²-0.69³ _____

Optical

High Performance Opal _____

PstLM ≤ 1.0 ⁴ _____

SVM ≤ 0.4 ⁴ _____

Flood _____

beam angle 30° _____

Electrical

DALI-2 _____

2.7²-17.6³ W _____

PC1 220-240V _____

64²-109³ lm/W _____

1 DALI Addr. _____

29 W/m _____

Physical

length 710 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	0.99	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 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	80
B13	104
B16	130
B20	162
C10	135
C13	175
C16	220
C20	270

