

LINEA opal / 1 spot

wall

058-6178638BH



Project / Type

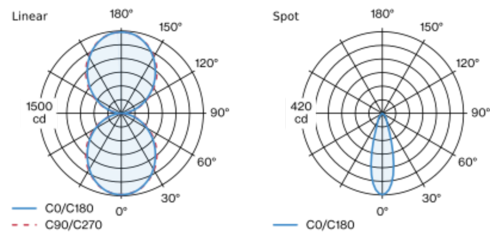
Notes

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; 220-240 V; JUST 26 spotlight module 2,6 W / 159 lm / 3000 K left; 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

tilt max 89°

black | RAL 9005 ¹

IP20

172 lm

LED

3000 K²-4000 K³

CRI $\geq 97^{2,90^3}$

L95 / 50000 h²-L85 / 50000 h³

initial MacAdam ≤ 3 SDCM

R_g: 92²-98³ | R_r: 86²-90³ | R_{f1-15}: 94²-88³

MR 0.53²-0.76³ | MDER 0.48²-0.69³

Optical

beam angle 30°

PstLM $\leq 1.0^{2,3,4}$ | SVM $\leq 0.4^{2,3,4}$

High Performance Opal | flood²-opal (lambertsch)³

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 2.7²-70³ W

system 64²-110³ lm/W ⁵

Physical

length 2510 mm | width 40 mm | height 100 mm

left

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	0.98	0.96	0.94	0.91	0.89
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	9
B13	12
B16	15
B20	19
C10	15
C13	20
C16	25
C20	31

