

LINEA opal / 1 spot

wall system

058-6142517BH



Project / Type _____

Notes _____

Count / Date _____



Light fitting and front cover made of extruded aluminium profile; angular design; linear; for lighting systems; no visible screws; surface white 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 3000 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. converter, non dimmable; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Wall | Surface _____

tilt max 89° _____

white | RAL 9010 ¹ _____

IP20 _____

172 lm _____

LED

3000 K _____

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

L95 / 50000 h²-L85 / 50000 h³ _____

initial MacAdam ≤ 3 SDCM _____

R_g: 102²-99³ | R_f: 96²-91³ | R_{1-15}: 96²-89³ _____

MR 0.63²-0.61³ | MDER 0.57²-0.55³ _____

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

non DIM _____

PC1 | 220-240 V _____

system 2.7²-17.6³ W _____

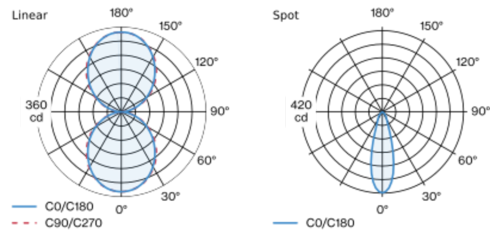
system 64²-100³ lm/W ⁵ _____

Physical

length 706 mm | width 40 mm | height 100 mm _____

left _____

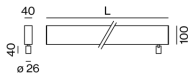
Light distribution



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	0.98	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	23
B13	30
B16	36
B20	46
C10	35
C13	50
C16	60
C20	76

Mounting accessories

END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	pure white	40-100-12	050-2540107
1 pair	jet black	40-100-12	050-2540108



Mounting accessories

LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 piece	050-2551100
10 pieces	050-2551100.10



Electrical accessories

THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
10 pieces	004-90003
10 pieces	004-90005

