

LINEA opal / 1 spot

wall

058-6172537BH



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 ≥ 97²-90³
 L95 / 50000 h²-L85 / 50000 h³
 initial MacAdam ≤ 3 SDCM
 R_g: 92²-99³ | R_r: 86²-91³ | R_{f(1-15)}: 94²-89³
 MR 0.53²-0.61³ | MDER 0.48²-0.55³

Optical

High Performance Opal | flood²-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 2.7²-17.6³ W
 system 6.4²-99³ lm/W ⁵
 29 W/m

Physical

length 710 mm | width 40 mm | height 100 mm
 2 kg
 left

¹ RAL code ² Spot ³ Linear

⁴ Value of containing product at full load (undimmed)

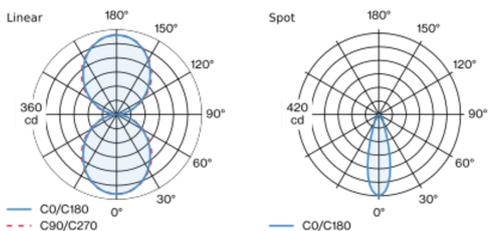
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

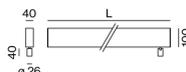


Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface white powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct and indirect light component: HPO (High Performance 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. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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

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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