

LINEA opal / 1 spot

wall

058-6174528BH



Project / Type _____

Notes _____

Count / Date _____



220-240V

X-PERT

X-PERT

General

Wall , Surface

black , RAL9005 ¹

2890 lm/m

IP20

indirect 1720 lm

direct 1760 lm

total 3480 lm

tilt max 89°

172 lm

LED

3000 K

CRI ≥ 97²-90³

L95 / 50000 h²-L85 / 50000 h³

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 92²-99³ , R_f: 86²-91³ , R_{f(1-15)}: 94²-89³

MR 0.53²-0.61³

MDER 0.48²-0.55³

Optical

High Performance Opal

PstLM ≤ 1.0 ⁴

SVM ≤ 0.4 ⁴

Flood

beam angle 30°

Electrical

non DIM / switch (only spotlights)

2.7²-35³ W

PC1 220-240V

64²-99³ lm/W

29 W/m

Physical

length 1310 mm

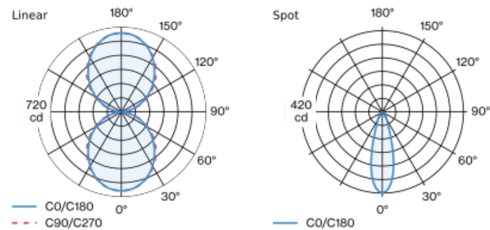
width 40 mm

height 100 mm

left

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

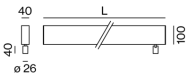
Light distribution



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



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	31
B13	40
B16	50
B20	62
B25	78
C10	52
C13	67
C16	85
C20	104
C25	130

