

LINEA opal / 1 spot

wall

058-6178628BH



Project / Type

Notes

Count / Date



General

Wall , Surface

tilt max 89°

black , RAL 9005 ¹

IP20

172 lm

LED

3000 K²-4000 K³

CRI ≥ 97²-90³

L95 / 50000 h²-L85 / 50000 h³

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

flood²-opal (lambertsch)³

beam angle 30°

PstLM ≤ 1.0² ³ ⁴

SVM ≤ 0.4² ³ ⁴

High Performance Opal

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. switch; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Electrical

non DIM / switch (only spotlights)

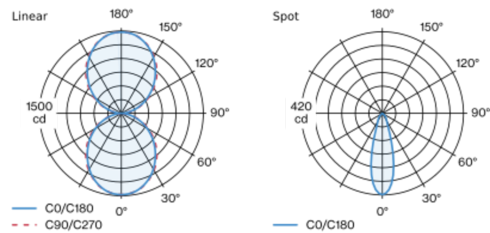
220-240 V

system 2.7²-70³ W

system 64²-110³ lm/W⁵

PC1

Light distribution

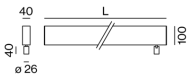


— C0/C180

--- C90/C270

— C0/C180

Product drawing



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

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

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	10
B13	12
B16	16
B20	21
C10	17
C13	21
C16	28
C20	35

