

LINEA opal / 2 spots

wall

058-6174D38DH



Project / Type _____

Notes _____

Count / Date _____



General

Wall | Surface _____

black | RAL 9005 ¹ _____

IP20 _____

indirect 2020 lm | direct 2020 lm _____

total 4040 lm _____

3350 lm/m _____

tilt max 89° _____

344 lm _____

LED

3000 K²-tunable white³ | 2700 K - 5000 K _____

CRI ≥ 97²-90³ _____

L95 / 50000 h²-L85 / 50000 h³ _____

initial MacAdam ≤ 3 SDCM _____

R_g: 92²-99³ | R_f: 86²-90³ | R_{t(1-15)}: 94²-88³ _____

MR 0.53 | MDER 0.48 _____

Optical

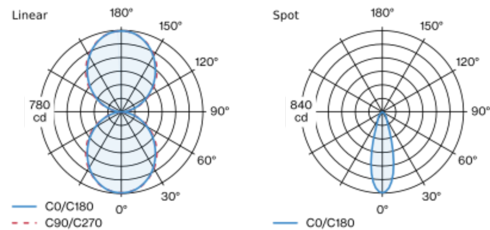
High Performance Opal | flood²-opal (lambertsch)³ _____

PstLM ≤ 1.0³ ² 4 | SVM ≤ 0.4³ ² 4 _____

beam angle 30° _____

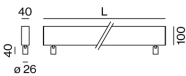
Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct and indirect light component: HPO (High Performance Opal) cover for uniform illumination; light colour: tunable white diodes (2700-5000 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; 2x JUST 26 spotlight module 2,6 W / 159 lm / 3000 K (1x left, 1x right); incl. DALI-2 / DT8 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



Physical

length 1410 mm | width 40 mm | height 100 mm _____

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	0.99	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	80
B13	104
B16	130
B20	162
C10	135
C13	175
C16	220
C20	270

