

LINEA opal / 2 spots

wall

058-6178537DH



Project / Type _____

Notes _____

Count / Date _____



General

Wall , Surface _____

tilt max 89° _____

white , RAL 9010 ¹ _____

IP20 _____

344 lm _____

LED

3000 K _____

CRI ≥ 97²-90³ _____

L95 / 50000 h²-L85 / 50000 h³ _____

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

flood²-opal (lambertsch)³ _____

beam angle 30° _____

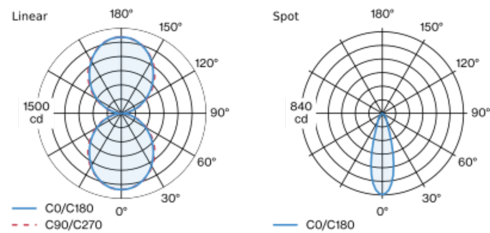
PstLM ≤ 1.0² ³ ⁴ _____

SVM ≤ 0.4² ³ ⁴ _____

High Performance Opal _____

Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface 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; 2x JUST 26 spotlight module 2,6 W / 159 lm / 3000 K (1x left, 1x right); incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

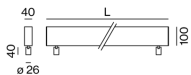
Light distribution



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



Electrical

DALI-2 _____

220-240 V _____

system 5.4²-70³ W _____

system 64²-100³ lm/W⁵ _____

PC1 _____

2²-1³ DALI Addr. _____

Physical

length 2610 mm _____

width 40 mm _____

height 100 mm _____

6.8 kg _____

¹ RAL code ² Spot ³ Linear

⁴ Value of containing product at full load (undimmed)

⁵ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: 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 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	9
B13	12
B16	15
B20	19
C10	15
C13	20
C16	25
C20	31

