

LINEA opal / 1 spot

wall

058-6178547CH



Project / Type _____

Notes _____

Count / Date _____



General

Wall , Surface _____

tilt max 89° _____

white , RAL9010 ¹ _____

IP20 _____

141 lm _____

LED

3000 K _____

CRI ≥ 90 _____

L80 / 50000 h²-L85 / 50000 h³ _____

photobio. safety RG 0 - no Risk _____

initial MacAdam ≤ 3 SDCM _____

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89 _____

MR 0.61 _____

MDER 0.55 _____

Optical

Flood _____

beam angle 23° _____

PstLM ≤ 1.0 ⁴ _____

SVM ≤ 0.4 ⁴ _____

High Performance Opal _____

Electrical

DALI-2 / switch (only spotlights) _____

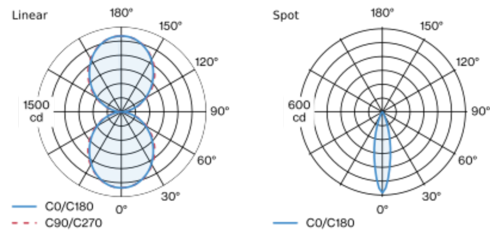
2.2²-70³ W _____

PC1 220-240V _____

64²-100³ lm/W _____

1 DALI Addr. _____

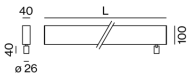
Light distribution



flood 23° Spot

h (m)	E0° (lx)	ø (m)
1	584	0.41
2	146	0.83
3	65	1.24
4	37	1.65
5	23	2.07

Product drawing



Physical

length 2510 mm _____

width 40 mm _____

height 100 mm _____

right _____

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	0.98	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

