

LINEA opal / 1 spot

wall

058-6172D48BH



Project / Type _____

Notes _____

Count / Date _____



General

Wall , Surface _____

tilt max 89° _____

black , RAL9005 ¹ _____

IP20 _____

141 lm _____

LED

3000 K²-tunable white³ _____

CRI ≥ 90 _____

L80 / 50000 h²-L85 / 50000 h³ _____

photobio. safety RG 0 - no Risk _____

initial MacAdam ≤ 3 SDCM _____

2700 K - 5000 K _____

R_g: 99 , R_r: 90 , R_{t(1-15)}: 88 _____

MR 0.53 _____

MDER 0.48 _____

Optical

Flood _____

beam angle 23° _____

PstLM ≤ 1.0 ⁴ _____

SVM ≤ 0.4 ⁴ _____

High Performance Opal _____

Electrical

DALI-2 / switch (only spotlights) _____

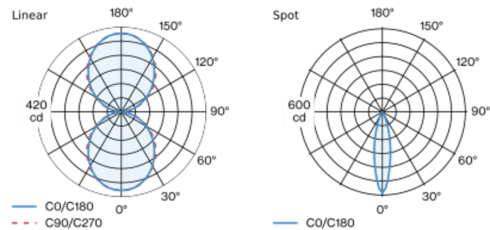
2.2²-20.9³ W _____

PC1 220-240V _____

64²-97³ lm/W _____

1 DALI Addr. _____

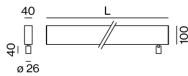
Light distribution



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 710 mm _____

width 40 mm _____

height 100 mm _____

left _____

¹ RAL code ² Spot ³ Linear
⁴ Value of containing product at full load (undimmed)

Installation instructions



LINEA opal / 1 spot

wall
058-6172D48BH



Project / Type

Notes

Count / Date

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	13
B13	16
B16	22
B20	27
C10	21
C13	28
C16	36
C20	45

