

# LINEA opal / 1 spot

wall

058-6172D38BH



Project / Type

Notes

Count / Date



RG0  
IEC 62471

220-240V

X-PERT

X-PERT

## General

Wall , Surface

tilt max 89°

black , RAL9005 <sup>1</sup>

IP20

172 lm

## LED

3000 K<sup>2</sup>-tunable white<sup>3</sup>

CRI ≥ 97<sup>2</sup>-90<sup>3</sup>

L95 / 50000 h<sup>2</sup>-L85 / 50000 h<sup>3</sup>

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 92<sup>2</sup>-99<sup>3</sup> , R<sub>f</sub>: 86<sup>2</sup>-90<sup>3</sup> , R<sub>(f-l-15)</sub>: 94<sup>2</sup>-88<sup>3</sup>

MR 0.53

MDER 0.48

2700 K - 5000 K

## Optical

flood<sup>2</sup>-opal (lambertsch)<sup>3</sup>

beam angle 30°

PstLM ≤ 1.0 <sup>4</sup>

SVM ≤ 0.4 <sup>4</sup>

High Performance Opal

## Electrical

DALI-2<sup>2</sup>-DALI-2 DT8<sup>3</sup>

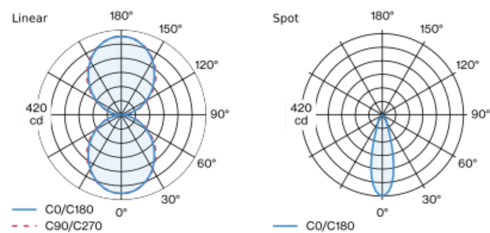
system 2.7<sup>2</sup>-20.9<sup>3</sup> W

PC1 220-240V

system 64<sup>2</sup>-97<sup>3</sup> lm/W<sup>5</sup>

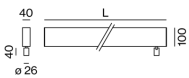
1 DALI Addr.

## 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 710 mm

width 40 mm

height 100 mm

2 kg

left

<sup>1</sup> RAL code <sup>2</sup> Spot <sup>3</sup> Linear  
<sup>4</sup> Value of containing product at full load (undimmed)  
<sup>5</sup> incl. optical losses and the efficiency of the operating device (converter)

## 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

MF

Maintenance Factor

LMF<sup>a</sup>

Luminaire Maintenance Factor

RSMF<sup>a</sup>

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Faktor

<sup>a</sup> 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

