

# LINEA opal / 1 spot

wall system

058-6142517BH



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Wall , Surface \_\_\_\_\_

white , RAL9010 <sup>1</sup> \_\_\_\_\_

2910 lm/m \_\_\_\_\_

IP20 \_\_\_\_\_

indirect 881 lm \_\_\_\_\_

direct 881 lm \_\_\_\_\_

total 1762 lm \_\_\_\_\_

tilt max 89° \_\_\_\_\_

172 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_

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>-91<sup>3</sup> , R<sub>f(1-15)</sub>: 94<sup>2</sup>-89<sup>3</sup> \_\_\_\_\_

MR 0.53<sup>2</sup>-0.61<sup>3</sup> \_\_\_\_\_

MDER 0.48<sup>2</sup>-0.55<sup>3</sup> \_\_\_\_\_

## Optical

High Performance Opal \_\_\_\_\_

PstLM ≤ 1.0 <sup>4</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>4</sup> \_\_\_\_\_

Flood \_\_\_\_\_

beam angle 30° \_\_\_\_\_

## Electrical

non DIM \_\_\_\_\_

2.7<sup>2</sup>-17.6<sup>3</sup> W \_\_\_\_\_

PC1 220-240V \_\_\_\_\_

64<sup>2</sup>-100<sup>3</sup> lm/W \_\_\_\_\_

29 W/m \_\_\_\_\_

## Physical

length 706 mm \_\_\_\_\_

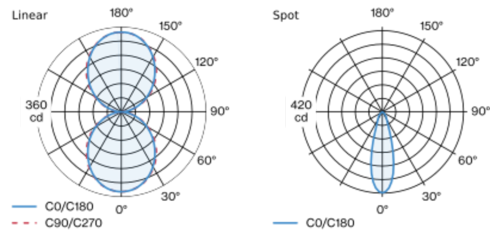
width 40 mm \_\_\_\_\_

height 100 mm \_\_\_\_\_

left \_\_\_\_\_

Light fitting and front cover made of extruded aluminium profile; angular design; linear; for lighting systems; 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 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; JUST 26 spotlight module 2,6 W / 159 lm / 3000 K left; incl. converter, non dimmable; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

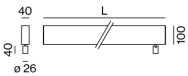
## Light distribution



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



<sup>1</sup> RAL code <sup>2</sup> Spot <sup>3</sup> Linear  
<sup>4</sup> 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	0.99	0.99	0.99	0.99	0.99
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire 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	31
B13	40
B16	50
B20	62
B25	78
C10	52
C13	67
C16	85
C20	104
C25	130

## Mounting accessories

### END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	pure white	40-100-12	050-2540107
1 pair	jet black	40-100-12	050-2540108



## Mounting accessories

### LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 piece	050-2551100
10 pieces	050-2551100.10



## Electrical accessories

### THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
3 x 1,5 mm²   10 pieces	004-90003
5 x 1,5 mm²   10 pieces	004-90005

