

# LINEA opal / 1 spot

wall

058-6174527BH



Project / Type

Notes

Count / Date



### General

Wall | Surface

white | RAL 9010 <sup>1</sup>

IP20

indirect 1720 lm | direct 1760 lm

total 3480 lm

2890 lm/m

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>

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

PstLM ≤ 1.0<sup>3</sup> <sup>2</sup> 4 | SVM ≤ 0.4<sup>3</sup> <sup>2</sup> 4

beam angle 30°

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; JUST 26 spotlight module 2,6 W / 159 lm / 3000 K left, incl. switch; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Electrical

non DIM / ON/OFF switch (only spotlights)

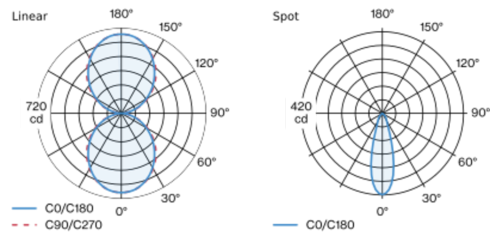
PC1 | 220-240 V

system 2.7<sup>2</sup>-35<sup>3</sup> W

system 64<sup>2</sup>-99<sup>3</sup> lm/W <sup>5</sup>

29 W/m

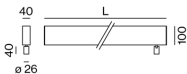
### Light distribution



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 1310 mm | width 40 mm | height 100 mm

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. 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	0.99	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 Factor

<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

