

# LINEA opal / 1 spot

wall

058-6174D37CH



Project / Type

Notes

Count / Date



### General

Wall | Surface

pure white | RAL 9010

IP20

indirect 2020 lm | direct 2020 lm

total 4040 lm

3350 lm/m

tilt max 89°

172 lm

### LED

3000 K<sup>1</sup>-tunable white<sup>2</sup> | 2700 K - 5000 K

CRI ≥ 97<sup>1</sup>-90<sup>2</sup>

L95 / 50000 h<sup>1</sup>-L85 / 50000 h<sup>2</sup>

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 102<sup>1</sup>-99<sup>2</sup> | R<sub>f</sub>: 96<sup>1</sup>-90<sup>2</sup> | R<sub>t(15)</sub>: 96<sup>1</sup>-88<sup>2</sup>

MR 0.63<sup>1</sup>-0.53<sup>2</sup> | MDER 0.57<sup>1</sup>-0.48<sup>2</sup>

### Optical

High Performance Opal | flood<sup>1</sup>-opal (lambertsch)<sup>2</sup>

PstLM ≤ 1.0<sup>2</sup> 1 3 | SVM ≤ 0.4<sup>2</sup> 1 3

beam angle 30°

Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface pure 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: tunable white diodes (2700-5000 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 right; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Electrical

DALI-2 | 1 DALI Addr.

DT8

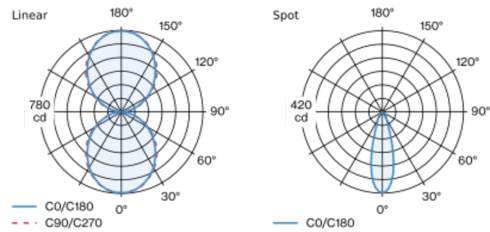
PC1 | 220-240 V

system 2.7<sup>1</sup>-4.2<sup>2</sup> W

system 64<sup>1</sup>-96<sup>2</sup> lm/W <sup>4</sup>

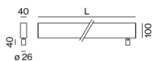
35 W/m

### 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

spotlight right

<sup>1</sup> Spot <sup>2</sup> Linear  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</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

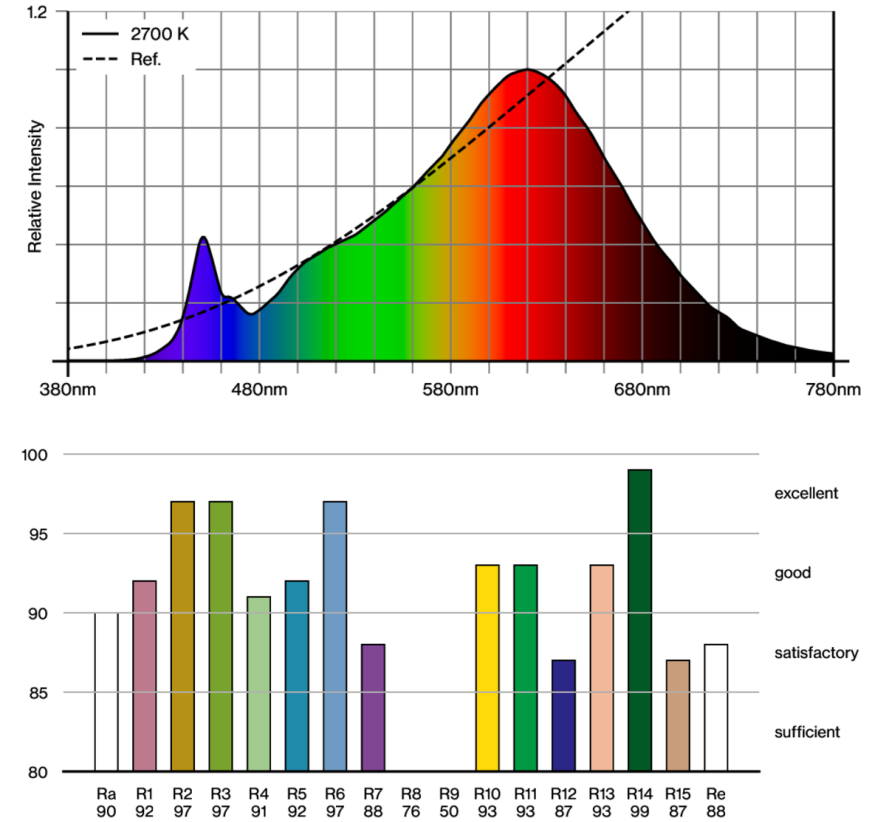
MF	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<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.

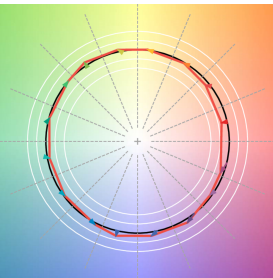
## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	13
B13	16
B16	22
B20	27
C10	21
C13	28
C16	36
C20	45

## Colour rendering



## TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.

