

# LINEA opal / 2 spots

wall

058-6178D37DH



Project / Type

Notes

Count / Date



### General

Wall , Surface

white , RAL9010 <sup>1</sup>

3350 lm/m

IP20

indirect 4030 lm

direct 4030 lm

total 8060 lm

tilt max 89°

344 lm

### LED

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

2700 K - 5000 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>-90<sup>3</sup> , R<sub>(f-15)</sub>: 94<sup>2</sup>-88<sup>3</sup>

MR 0.53

MDER 0.48

### Optical

High Performance Opal

PstLM ≤ 1.0 <sup>4</sup>

SVM ≤ 0.4 <sup>4</sup>

Flood

beam angle 30°

### Electrical

DALI-2

5.4<sup>2</sup>-83<sup>3</sup> W

PC1 220-240V

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

2<sup>2</sup>-1<sup>3</sup> DALI Addr.

35 W/m

### Physical

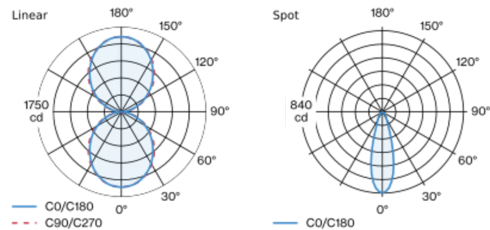
length 2610 mm

width 40 mm

height 100 mm

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: 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 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; 2x JUST 26 spotlight module 2,6 W / 159 lm / 3000 K (1x left, 1x right); incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

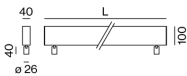
### Light distribution



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	80
B13	104
B16	130
B20	162
C10	135
C13	175
C16	220
C20	270

