

# LINEA opal / 1 spot

wall

058-6174647CH



Project / Type

Notes

Count / Date



## General

Wall , Surface  
 white , RAL9010 <sup>1</sup>  
 3190 lm/m  
 IP20  
 indirect 1900 lm  
 direct 1940 lm  
 total 3840 lm  
 tilt max 89°  
 141 lm

## LED

3000 K<sup>2</sup>-4000 K<sup>3</sup>  
 CRI ≥ 90  
 L80 / 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>: 98 , R<sub>r</sub>: 90 , R<sub>t(1-15)</sub>: 88  
 MR 0.76  
 MDER 0.69

## Optical

High Performance Opal  
 PstLM ≤ 1.0 <sup>4</sup>  
 SVM ≤ 0.4 <sup>4</sup>  
 Flood  
 beam angle 23°

## Electrical

DALI-2 / switch (only spotlights)  
 2.2<sup>2</sup>-35<sup>3</sup> W  
 PC1 220-240V  
 64<sup>2</sup>-110<sup>3</sup> lm/W  
 1 DALI Addr.  
 29 W/m

## Physical

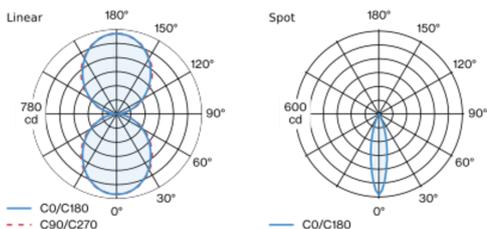
length 1310 mm  
 width 40 mm  
 height 100 mm  
 right

<sup>1</sup> RAL code <sup>2</sup> Spot <sup>3</sup> Linear

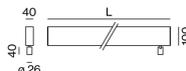
<sup>4</sup> Value of containing product at full load (undimmed)

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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% 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 2,2 W / 141 lm / 3000 K right, incl. switch; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



flood 23° Spot

h (m)	E0° (lx)	ø (m)
1	584	0.41
2	146	0.83
3	65	1.24
4	37	1.65
5	23	2.07

## Installation instructions



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
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