

# LINEA opal / 1 spot

wall

058-6178528BH



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

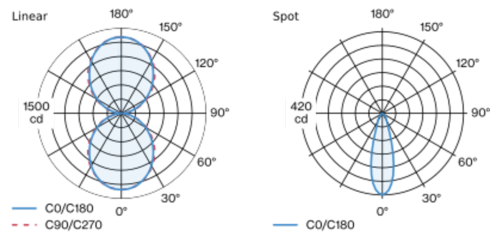
Notes \_\_\_\_\_

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



Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface black 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  $\leq 3$  SDCM; CRI  $\geq 97$ ; 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;

## 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



## General

|                               |
|-------------------------------|
| Wall , Surface                |
| black , RAL 9005 <sup>1</sup> |
| IP20                          |
| indirect 3490 lm              |
| direct 3490 lm                |
| total 6980 lm                 |
| 2900 lm/m                     |
| tilt max 89°                  |
| 172 lm                        |

## LED

|   |
|---|
| 3000 K  |
| CRI $\geq 97^{2-90^3}$  |
| L95 / 50000 h <sup>2</sup> -L85 / 50000 h <sup>3</sup>  |
| initial MacAdam $\leq 3$ 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 $\leq 1.0^{3,2,4}$                           |
| SVM $\leq 0.4^{3,2,4}$                             |
| beam angle 30°                                     |

## Electrical

|  |
|--|
| non DIM / switch (only spotlights)                         |
| 220-240 V  |
| system 2.7 <sup>2</sup> -70 <sup>3</sup> W                 |
| system 64 <sup>2</sup> -100 <sup>3</sup> lm/W <sup>5</sup> |
| PC1  |
| 29 W/m   |

## Physical

|                |
|----------------|
| length 2510 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> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions

