

LINEA opal / 1 spot

wall

058-6172548CH



Project / Type

Notes

Count / Date



General

Wall , Surface

tilt max 89°

black , RAL9005 ¹

IP20

141 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h²-L85 / 50000 h³

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.61

MDER 0.55

Optical

Flood

beam angle 23°

PstLM ≤ 1.0 ⁴

SVM ≤ 0.4 ⁴

High Performance Opal

Electrical

DALI-2 / switch (only spotlights)

2.2²-17.6³ W

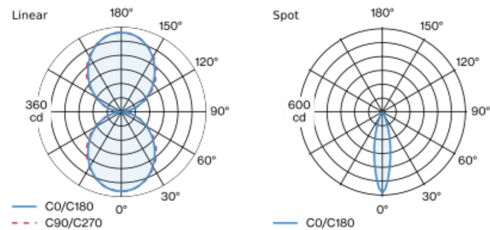
PC1 220-240V

64²-99³ lm/W

1 DALI Addr.

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 ≤ 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;

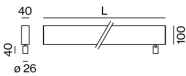
Light distribution



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 |

Product drawing



Physical

length 710 mm

width 40 mm

height 100 mm

right

¹ RAL code ² Spot ³ Linear
⁴ 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 | 0.98 | 0.96 | 0.94 | 0.91 | 0.89 |
| LSF | 1 | 1 | 1 | 1 | 1 |
| MF | LMF × RSMF × LLMF × LSF | | RSMF ^a | Room Surface Maintenance Factor | |
| MF | Maintenance Factor | | LLMF | Lamp Lumens Maintenance Factor | |
| LMF ^a | Luminaire Maintenance Factor | | LSF | Lamp Survival Faktor | |

^a 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 | 18 |
| B13 | 23 |
| B16 | 28 |
| B20 | 35 |
| C10 | 30 |
| C13 | 38 |
| C16 | 46 |
| C20 | 58 |

