

LINEA opal / opal

wall system

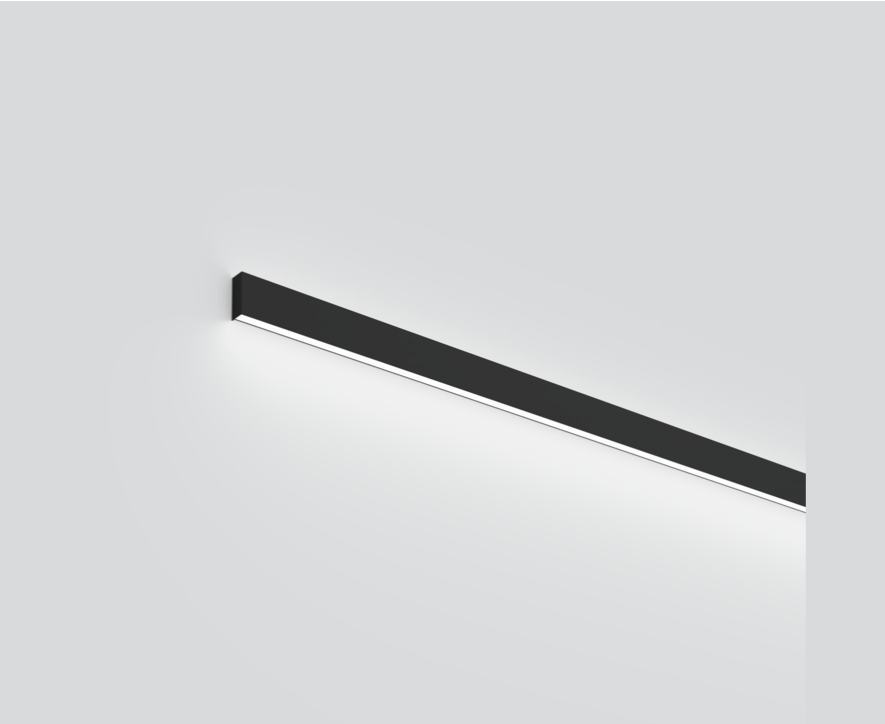
058-6148638AH



Project / Type

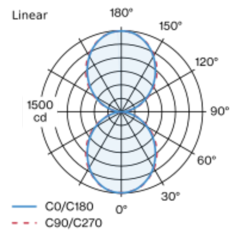
Notes

Count / Date



Light fitting and front cover made of extruded aluminium profile; angular design; linear; for lighting systems; 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 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; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Wall , Surface

black , RAL9005 ¹

3230 lm/m

IP20

indirect 3890 lm

direct 3890 lm

total 7780 lm

LED

4000 K

CRI ≥ 90

L85 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 98 , R_r: 90 , R_{t(1-15)}: 88

MR 0.76

MDER 0.69

Optical

High Performance Opal

opal (lambertsch)

P_{stLM} ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

system 71 W

PC1 220-240V

system 110 lm/W³

1 DALI Addr.

29 W/m

Physical

length 2406 mm

width 40 mm

height 100 mm

5.3 kg

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

Installation instructions





Project / Type _____

Notes _____

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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 | 9 |
| B13 | 12 |
| B16 | 15 |
| B20 | 19 |
| C10 | 15 |
| C13 | 20 |
| C16 | 25 |
| C20 | 31 |

Mounting accessories

END CAPS

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|--------|------------|------------|-------------------|
| 1 pair | pure white | 40-100-12 | 050-2540107 |
| 1 pair | jet black | 40-100-12 | 050-2540108 |



Mounting accessories

LINEAR CONNECTOR

| TYPE | ARTICLE NUMBER(S) |
|-----------|-------------------|
| 1 piece | 050-2551100 |
| 10 pieces | 050-2551100.10 |



Electrical accessories

THROUGH WIRE

| TYPE | ARTICLE NUMBER(S) |
|-------------------------------------|-------------------|
| 3 x 1,5 mm ² 10 pieces | 004-90003 |
| 5 x 1,5 mm ² 10 pieces | 004-90005 |

