

LINEA

inner corner opal / opal

wall system

058-6111537AH



Project / Type

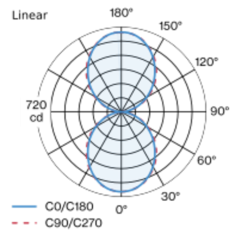
Notes

Count / Date

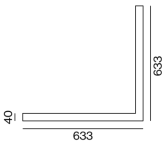


Light fitting and front cover made of extruded aluminium profile; angular design; 90° corner element - inner corner; for lighting systems; no visible screws; surface white powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct and indirect light component: HPO (High Performance Opal) cover for uniform illumination; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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

Ceiling , Suspended

white , RAL9010 <sup>1</sup>

2910 lm/m

IP20

indirect 1760 lm

direct 1760 lm

total 3520 lm

LED

3000 K

CRI  $\geq 90$

L85 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.61

MDER 0.55

Optical

High Performance Opal

P<sub>stLM</sub>  $\leq 1.0$  <sup>2</sup>

SVM  $\leq 0.4$  <sup>2</sup>

Electrical

DALI-2

35 W

PC1 220-240V

101 lm/W

29 W/m

Physical

length 633 mm

width 633 mm

height 100 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator





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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 <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                            | 9                  |
| B13                            | 13                 |
| B16                            | 15                 |
| B20                            | 18                 |
| C10                            | 18                 |
| C13                            | 26                 |
| C16                            | 30                 |
| C20                            | 36                 |

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 mm²   10 pieces | 004-90003         |
| 5 x 1,5 mm²   10 pieces | 004-90005         |

