

# LINEA inner corner opal / asymmetric

wall system  
058-6111638AA



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

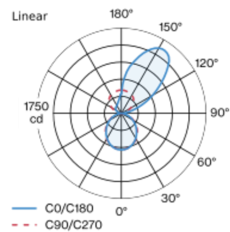
Notes \_\_\_\_\_

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

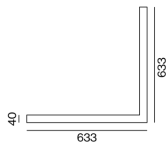


Light fitting and front cover made of extruded aluminium profile; angular design; 90° corner element - inner corner; for lighting systems; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct light component: HPO (High Performance Opal) cover for uniform illumination; indirect light component: with specially computed, asymmetrical lens for homogeneous lighting intensity (installation optionally for floor or ceiling illumination); light colour 4000 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; 220-240 V; 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 / Wall , Surface  
black , RAL 9005 <sup>1</sup>  
IP20  
indirect 2310 lm  
direct 1940 lm  
total 4250 lm  
3520 lm/m

## LED

4000 K  
CRI  $\geq 90$   
L85 / 50000 h  
initial MacAdam  $\leq 3$  SDCM  
R<sub>g</sub>: 98 , R<sub>r</sub>: 90 , R<sub>t(1-5)</sub>: 88  
MR 0.76  
MDER 0.69

## Optical

High Performance Opal / Asymmetric  
asymmetric  
PstLM  $\leq 1.0^2$  <sup>3</sup>  
SVM  $\leq 0.4^2$  <sup>3</sup>

## Electrical

DALI-2  
220-240 V  
system 35 W  
system 121 lm/W<sup>4</sup>  
PC1  
29 W/m

## Physical

length 633 mm  
width 633 mm  
height 100 mm

<sup>1</sup> RAL code <sup>2</sup> Linear  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## 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 <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 Factor            |        |

<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 mm <sup>2</sup>   10 pieces | 004-90003         |
| 5 x 1,5 mm <sup>2</sup>   10 pieces | 004-90005         |

