



# CoreLine Wall-mounted

## WL131V LED12S/840 PSU EL3 WH

CORELINE GEN2 WALL LUMINAIRE - LED Module 1200 lm - 840 neutral white - Power supply unit - Emergency lighting 3 hours duration - - - White

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward

### Product data

| General Information           |  |                      |  |
|-------------------------------|--|----------------------|--|
| Lamp family code              | LED12 [ LED Module 1200 lm]                | Connection           | Push-in connector 6-pole   |
| Beam angle of light source    | 120 °                                      | Cable                | -  |
| Light source colour           | 840 neutral white                          | Protection class IEC | Safety class II  |
| Light source replaceable      | No   | Glow-wire test       | Temperature 850 °C, duration 30 s  |
| Number of gear units          | 1 unit                                     | Flammability mark    | D [ For mounting on easily flammable surfaces]   |
| Driver/power unit/transformer | PSU [ Power supply unit]                   | CE mark              | CE mark  |
| Driver included               | Yes  | ENEC mark            | ENEC mark  |
| Optic type                    | Opal prismatic reflector                   | Warranty period      | 5 years  |
| Optical cover/lens type       | OP [ Opal bowl with painted cover]         | Remarks              | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example |
| Luminaire light beam spread   | 120°                                       |                      |  |
| Emergency lighting            | EL3 [ Emergency lighting 3 hours duration] |                      |  |
| Embedded control              | No [ -]                                    |                      |  |
| Control interface             | -  |                      |  |

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|   |  |
|---|--|
|   | B10. Therefore the median useful life (B50) value also represents the B10 value. |
| Constant light output                   | No   |
| Number of products on MCB (16 A type B) | 32   |
| EU RoHS compliant                       | Yes  |
| Product family code                     | WL131V [ CORELINE GEN2 WALL LUMINAIRE]   |

### Operating and Electrical

|                     |             |
|---------------------|-------------|
| Input Voltage       | 220/240 V   |
| Input frequency     | 50 or 60 Hz |
| Inrush current      | 12.3 A      |
| Inrush time         | 1.44 ms     |
| Power factor (min.) | 0.9         |

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Mechanical and Housing

|                                     |  |
|-------------------------------------|--|
| Housing material                    | Polyamide                                |
| Reflector material                  | -  |
| Optic material                      | Polycarbonate                            |
| Optical cover/lens material         | Polycarbonate                            |
| Fixation material                   | -  |
| Optical cover/lens finish           | Opal                                     |
| Overall length                      | 350 mm                                   |
| Overall width                       | 350 mm                                   |
| Overall height                      | 96 mm                                    |
| Overall diameter                    | 350 mm                                   |
| Height                              | 96 mm                                    |
| Colour                              | White                                    |
| Dimensions (height x width x depth) | 96 x 350 x 350 mm (3.8 x 13.8 x 13.8 in) |

### Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |

### Initial Performance (IEC Compliant)

|                                |                     |
|--------------------------------|---------------------|
| Initial luminous flux          | 1200 lm             |
| Luminous flux tolerance        | +/-10%              |
| Initial LED luminaire efficacy | 80 lm/W             |
| Init. Corr. Colour Temperature | 4000 K              |
| Init. colour rendering index   | 80                  |
| Initial chromaticity           | (0.39, 0.39) SDCM<3 |
| Initial input power            | 15 W                |
| Power consumption tolerance    | +/-10%              |

### Over Time Performance (IEC Compliant)

|  |     |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h        | L70 |

### Application Conditions

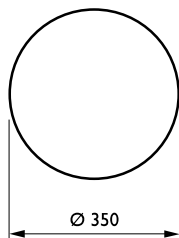
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | 0 to +40 °C    |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dimming level              | Not applicable |
| Suitable for random switching      | Yes            |

### Product Data

|                                     |                              |
|-------------------------------------|------------------------------|
| Full product code                   | 871869996095700              |
| Order product name                  | WL131V LED12S/840 PSU EL3 WH |
| EAN/UPC – product                   | 8718699960957                |
| Order code                          | 96095700                     |
| Numerator – quantity per pack       | 1                            |
| SAP numerator – packs per outer box | 1                            |
| Material no. (12 NC)                | 910500465895                 |
| SAP net weight (piece)              | 1.900 kg                     |



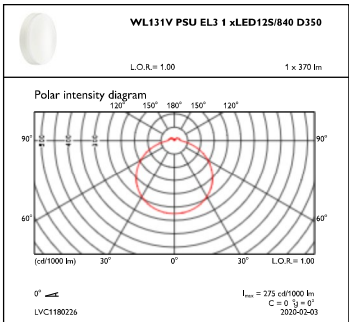
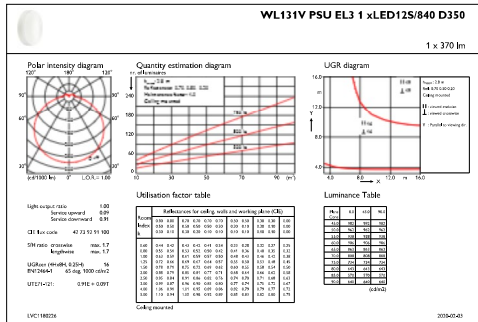
## Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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## Photometric data



IFGU1\_WL131VPSUEL31xLED12S840D350

OFPC1\_WL131VPSUEL31xLED12S840D350

