



# CoreLine Wall-mounted

## WL131V LED34S/840 PSU WH

LED module, system flux 3400 lm - 840 neutral white - Power supply unit - White

CoreLine Wall-mounted delivers on the CoreLine promise of innovative, easy-to-install and high quality luminaires. It is a circular-shaped surface mounted luminaire for both ceiling and wall installations. It is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward. This family includes InterAct Ready luminaires with integrated wireless communications, ready for use with InterAct gateways, sensors and software.

### Product data

| General Information           |                                           |                      |                                                                                                                                                                                                      |
|-------------------------------|-------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lamp family code              | LED34S [ LED module, system flux 3400 lm] | Cable                | -                                                                                                                                                                                                    |
| Beam angle of light source    | 120 °                                     | Protection class IEC | Safety class II                                                                                                                                                                                      |
| Light source color            | 840 neutral white                         | Glow-wire test       | Temperature 650 °C, duration 30 s                                                                                                                                                                    |
| Light source replaceable      | No                                        | Flammability mark    | -                                                                                                                                                                                                    |
| Number of gear units          | 1 unit                                    | CE mark              | CE mark                                                                                                                                                                                              |
| Driver/power unit/transformer | Power supply unit                         | ENEC mark            | ENEC mark                                                                                                                                                                                            |
| Driver included               | Yes                                       | Warranty period      | 5 years                                                                                                                                                                                              |
| Optic type                    | Opal prismatic reflector                  | 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 |
| Optical cover/lens type       | Opal bowl with painted cover              |                      |                                                                                                                                                                                                      |
| Luminaire light beam spread   | 120°                                      |                      |                                                                                                                                                                                                      |
| Control interface             | -                                         |                      |                                                                                                                                                                                                      |
| Connection                    | Push-in connector 3-pole                  |                      |                                                                                                                                                                                                      |

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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 of 16 A type B | 32                                                                                |
| EU RoHS compliant                        | Yes                                                                               |
| Service tag                              | Yes                                                                               |

### Operating and Electrical

|                               |             |
|-------------------------------|-------------|
| Input Voltage                 | 220-240 V   |
| Input Frequency               | 50 to 60 Hz |
| Control signal voltage        | -           |
| Initial CLO power consumption | NA W        |
| Average CLO power consumption | NA W        |
| End CLO power consumption     | NA W        |
| Inrush current                | 13.5 A      |
| Inrush time                   | 1.75 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                      | 480 mm                                   |
| Overall width                       | 480 mm                                   |
| Overall height                      | 70 mm                                    |
| Overall diameter                    | 480 mm                                   |
| Color                               | White                                    |
| Dimensions (Height x Width x Depth) | 70 x 480 x 480 mm (2.8 x 18.9 x 18.9 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 (system flux) | 3400 lm             |
| Luminous flux tolerance             | +/-10%              |
| Initial LED luminaire efficacy      | 95 lm/W             |
| Init. Corr. Color Temperature       | 4000 K              |
| Init. Color Rendering Index         | 80                  |
| Initial chromaticity                | (0.39, 0.39) SDCM<3 |
| Initial input power                 | 36 W                |
| Power consumption tolerance         | +/-10%              |

### Over Time Performance (IEC Compliant)

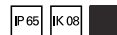
|                                                         |     |
|---------------------------------------------------------|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | L70 |

### Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | -20 to +40 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |
| Suitable for random switching      | Yes            |

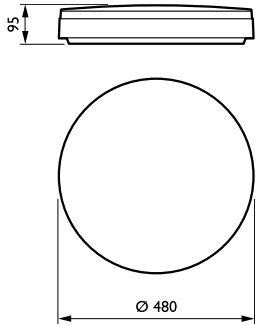
### Product Data

|                                 |                          |
|---------------------------------|--------------------------|
| Full product code               | 871869938785399          |
| Order product name              | WL131V LED34S/840 PSU WH |
| EAN/UPC - Product               | 8718699387853            |
| Order code                      | 912401483189             |
| Numerator - Quantity Per Pack   | 1                        |
| Numerator - Packs per outer box | 6                        |
| Material Nr. (12NC)             | 912401483189             |
| Net Weight (Piece)              | 3.050 kg                 |



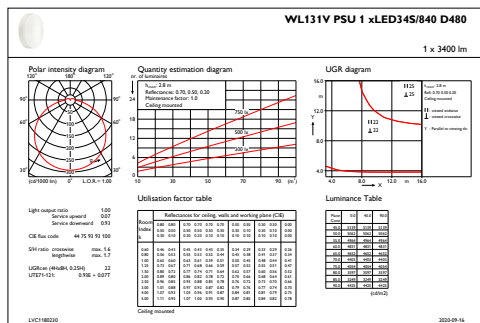
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## Dimensional drawing

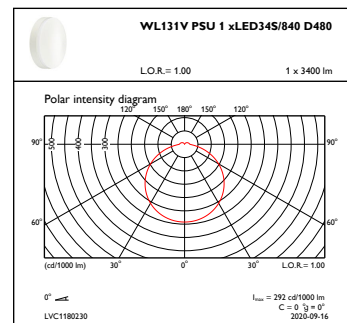


CoreLine Wall-mounted WL130V/WL131V

## Photometric data



IFGU1\_WL131VPSU1xLED34S840D480



OFPC1\_WL131VPSU1xLED34S840D480

