



# CoreLine Wall-mounted

## WL131V LED20S/830 PSED WH

LED Module 2000 lm - 830 warm white - Power supply unit with DALI interface - 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           |                                       | Operating and Electrical                 |                |
|-------------------------------|---------------------------------------|--|----------------|
| Lamp family code              | LED20 [ LED Module 2000 lm]           | Flammability mark                        | -              |
| Beam angle of light source    | 120 °                                 | CE mark                                  | CE mark        |
| Light source color            | 830 warm white                        | ENEC mark                                | ENEC mark      |
| Light source replaceable      | No                                    | Warranty period                          | 5 years        |
| Number of gear units          | 1 unit                                | Constant light output                    | Yes            |
| Driver/power unit/transformer | Power supply unit with DALI interface | Number of products on MCB of 16 A type B | 20             |
| Driver included               | Yes                                   | RoHS mark                                | RoHS mark      |
| Optic type                    | Opal prismatic reflector              |  |                |
| Optical cover/lens type       | Opal bowl with painted cover          |  |                |
| Luminaire light beam spread   | 120°                                  | Input Voltage                            | 220-240 V      |
| Control interface             | DALI                                  | Input Frequency                          | 50 to 60 Hz    |
| Connection                    | Push-in connector 6-pole              | Control signal voltage                   | 0-16 V DC DALI |
| Cable                         | -                                     | Initial CLO power consumption            | 23 W           |
| Protection class IEC          | Safety class II                       | Average CLO power consumption            | 23 W           |
| Glow-wire test                | Temperature 650 °C, duration 30 s     | End CLO power consumption                | NA W           |
|                               |                                       | Inrush current                           | 22 A           |

## CoreLine Wall-mounted

|                    |        |
|--------------------|--------|
| Inrush time        | 290 ms |
| Power Factor (Min) | 0.9    |

### Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### 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              | 95 mm         |
| Overall diameter            | 350 mm        |
| Color                       | White         |

### 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) | 2000 lm             |
| Luminous flux tolerance             | +/-10%              |
| Initial LED luminaire efficacy      | 90 lm/W             |
| Init. Corr. Color Temperature       | 3000 K              |
| Init. Color Rendering Index         | 80                  |
| Initial chromaticity                | (0.44, 0.41) SDCM<3 |

|                             |        |
|-----------------------------|--------|
| Initial input power         | 23 W   |
| Power consumption tolerance | +/-10% |

### Over Time Performance (IEC Compliant)

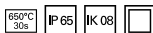
|   |         |
|---|---------|
| Control gear failure rate at median useful life | 5 %     |
| 50000 h   |         |
| Median useful life L70B50                       | 50000 h |
| Median useful life L80B50                       | 38000 h |
| Median useful life L90B50                       | 18000 h |
| Lumen maintenance at median useful life*        | L70     |
| 50000 h   |         |

### Application Conditions

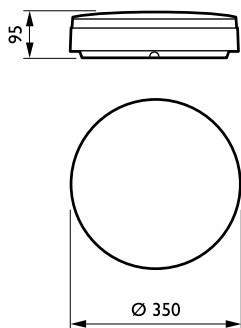
|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | -20 to +40 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dim level                  | 10%           |
| Suitable for random switching      | Yes           |

### Product Data

|                                 |                           |
|---------------------------------|---------------------------|
| Full product code               | 871869938794599           |
| Order product name              | WL131V LED20S/830 PSED WH |
| EAN/UPC - Product               | 8718699387945             |
| Order code                      | 912401483198              |
| Numerator - Quantity Per Pack   | 1                         |
| Numerator - Packs per outer box | 6                         |
| Material Nr. (12NC)             | 912401483198              |
| Net Weight (Piece)              | 2.050 kg                  |

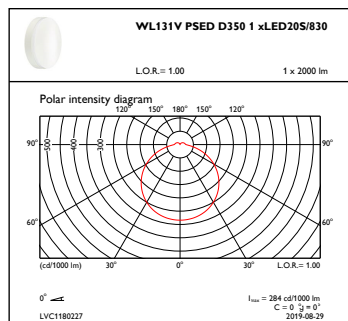


## Dimensional drawing

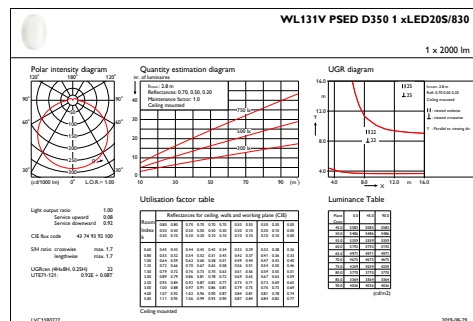


CoreLine Wall-mounted WL130V/WL131V

### Photometric data



OFPC1\_WL131VPSEDD3501xLED20S830



IFGU1\_WL131VPSEDD3501xLED20S830

