



# CoreLine Wall-mounted

## WL131V LED34S/840 PSR EL3 MDU WH

CoreLine Wall-mounted, 36 W, D480 mm, 3400 lm, 4000 K, Sensor-based dim, IP65, EL3h

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### Product data

| General Information      |   |                                    |                                   |
|--------------------------|---|------------------------------------|-----------------------------------|
| Lamp family code         | LED34S [LED module, system flux 3400 lm]  | Embedded control                   | Movement detection unit           |
| Light source replaceable | No  | CE mark                            | Yes                               |
| Number of gear units     | 1 unit  | Warranty period                    | 5 years                           |
| Driver included          | Yes   | Flammability mark                  | -                                 |
| Remarks                  | *-Per Lighting Europe guidance paper<br>"Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | ENEC mark                          | ENEC mark                         |
| Product family code      | WL131V [CORELINE GEN2 WALL LUMINAIRE]   | Glow-wire test                     | Temperature 850 °C, duration 30 s |
| Lighting Technology      | LED   | EU RoHS compliant                  | Yes                               |
| Value ladder             | Performance   | Light Technical                    |                                   |
|                          |   | Luminous Flux                      | 3,400 lm                          |
|                          |   | Correlated Color Temperature (Nom) | 4000 K                            |
|                          |   | Luminous Efficacy (rated) (Nom)    | 94 lm/W                           |
|                          |   | Color rendering index (CRI)        | 80                                |
|                          |   | Beam angle of light source         | 120 degree(s)                     |
|                          |   | Light source color                 | 840 neutral white                 |

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|                             |                              |
|-----------------------------|------------------------------|
| Optic type                  | Opal prismatic reflector     |
| Optical cover type          | Opal bowl with painted cover |
| Luminaire light beam spread | 120°                         |

### Operating and Electrical

|  |                          |
|--|--------------------------|
| Input Voltage                            | 220-240 V                |
| Line Frequency                           | 50 to 60 Hz              |
| Inrush current                           | 22 A                     |
| Inrush time                              | 0.29 ms                  |
| Power Consumption                        | 36 W                     |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 6-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 18                       |

### Temperature

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 0 to +40 °C |
|---------------------------|-------------|

### Controls and Dimming

|                               |                              |
|-------------------------------|------------------------------|
| Dimmable                      | Yes                          |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface             | Sensor-based dim             |
| Constant light output         | No                           |

### Mechanical and Housing

|                        |               |
|------------------------|---------------|
| Housing Material       | Polyamide     |
| Reflector material     | -             |
| Optic material         | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material      | -             |
| Housing Color          | White         |
| Optical cover finish   | Opal          |
| Overall length         | 480 mm        |
| Overall width          | 480 mm        |
| Overall height         | 96 mm         |
| Overall diameter       | 480 mm        |

|                                     |                   |
|-------------------------------------|-------------------|
| Dimensions (Height x Width x Depth) | 96 x 480 x 480 mm |
|-------------------------------------|-------------------|

### Approval and Application

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

### Initial Performance (IEC Compliant)

|                             |                     |
|-----------------------------|---------------------|
| Luminous flux tolerance     | +/-10%              |
| Initial chromaticity        | (0.39, 0.39) SDCM<3 |
| Power consumption tolerance | +/-10%              |

### Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Driver failure rate at 5000 h                           | 1 % |
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | L70 |

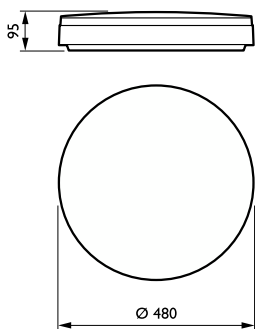
### Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 20%   |
| Suitable for random switching      | Yes   |

### Product Data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Order product name              | WL131V LED34S/840 PSR EL3 MDU WH |
| Full product name               | WL131V LED34S/840 PSR EL3 MDU WH |
| Full product code               | 871869940287700                  |
| Order code                      | 910500465410                     |
| Material Nr. (12NC)             | 910500465410                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8718699402877                    |
| Numerator - Packs per outer box | 1                                |
| EAN/UPC - Case                  | 8718699402877                    |

## Dimensional drawing



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