



# CoreLine Wall-mounted

## WL140V LED34S/830 PSR MDU WH

CoreLine Wall-mounted, 30 W, D390 mm, 2950 lm, 3000 K, Sensor-based dim, MDU3, IP65

CoreLine wall-mounted solutions deliver on the CoreLine promise of innovative, easy-to install and high quality luminaires. These circular-shaped, surface-mounted luminaires are suitable for both ceiling and wall installations and are easy to apply in circulation areas such as corridors, hallways and staircases. The modern, unobtrusive design, combined with a homogeneous light distribution, ensures this luminaire will blend into the architecture of most buildings. And thanks to the push-in connectors, installation of the CoreLine WL140V 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      |   | Light Technical   |          |
|--------------------------|---|---|----------|
| Light source replaceable | Yes   | Luminous Flux   | 2,950 lm |
| Number of gear units     | 1 unit  | Saturated Red (R9)  | <50      |
| Driver included          | Yes   | Correlated Color Temperature (Nom)                              | 3000 K   |
| Lighting Technology      | LED   | Luminous Efficacy (rated) (Nom)                                 | 98 lm/W  |
| Value ladder             | Performance   | Color rendering index (CRI)                                     | >80      |
| Embedded control         | Programmable movement and light sensor with wireless grouping | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1        |
| CE mark                  | Yes   | Stroboscopic effect visibility measure (SVM)                    | 1.6      |
| Warranty period          | 5 years   |   |          |
| Flammability mark        | -   |   |          |
| ENEC mark                | ENEC mark   |   |          |
| Glow-wire test           | Temperature 850 °C, duration 30 s                             |   |          |
| EU RoHS compliant        | Yes   |   |          |

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|                             |                |
|-----------------------------|----------------|
| Beam angle of light source  | 120 degree(s)  |
| Light source color          | 830 warm white |
| Optic type                  | Symmetrical    |
| Luminaire light beam spread | 120° x 120°    |
| Unified glare rating CEN    | 25             |

### Operating and Electrical

|  |                          |
|--|--------------------------|
| Input Voltage                            | 220-240 V                |
| Line Frequency                           | 50 or 60 Hz              |
| Initial CLO power consumption            | - W                      |
| Average CLO power consumption            | - W                      |
| Inrush current                           | 10 A                     |
| Inrush time                              | 0.066 ms                 |
| Power Consumption                        | 30 W                     |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 6-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 42                       |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 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       | Polycarbonate |
| Reflector material     | Polycarbonate |
| Optic material         | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material      | -             |
| Housing Color          | White         |
| Optical cover finish   | Opal          |
| Overall height         | 85 mm         |
| Overall diameter       | 390 mm        |

### Approval and Application

|                         |  |
|-------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
|-------------------------|--|

|                                    |  |
|------------------------------------|--|
| Mech. impact protection code       | IK10 [20 J vandal-resistant]                   |
| Sustainability rating              | -  |
| Protection class IEC               | Safety class II                                |
| Photobiological risk               | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m  |

### Initial Performance (IEC Compliant)

|                             |                         |
|-----------------------------|-------------------------|
| Luminous flux tolerance     | +/-10%                  |
| Initial chromaticity        | (0.4338,0.4030) SDCM <3 |
| Power consumption tolerance | +/-10%                  |

### Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Control gear failure rate at median useful life | 5 % |
| 50000 h   |     |
| Lumen maintenance at median useful life*        | -   |
| 35000 h   |     |
| Lumen maintenance at median useful life*        | 80  |
| 50000 h   |     |
| Lumen maintenance at median useful life*        | -   |
| 75000 h   |     |
| Lumen maintenance at median useful life*        | -   |
| 100000 h  |     |

### Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 10%   |
| Suitable for random switching      | No    |

### Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Order product name              | WL140V LED34S/830 PSR MDU WH |
| Full product name               | WL140V LED34S/830 PSR MDU WH |
| Full product code               | 871951453086799              |
| Order code                      | 911401851982                 |
| Material Nr. (12NC)             | 911401851982                 |
| Numerator - Quantity Per Pack   | 1                            |
| EAN/UPC - Product/Case          | 8719514530867                |
| Numerator - Packs per outer box | 6                            |
| EAN/UPC - Case                  | 8719514530928                |

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### Dimensional drawing

