



# CoreLine Wall-mounted

## WL140V LED34S/830 PSED ELB3 WH

CoreLine Wall-mounted, 38.5 W, D390 mm, 3350 lm, 3000 K, DALI, IP65, ELB3h/EL-DC

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 source replaceable           | No                                    |
| Number of gear units               | 1 unit                                |
| Driver included                    | Yes                                   |
| Product family code                | WL140V [Coreline Gen3 Wall Luminaire] |
| Lighting Technology                | LED                                   |
| Type of emergency lighting battery | Lithium                               |
| Value ladder                       | Performance                           |
| CE mark                            | Yes                                   |
| Warranty period                    | 5 years                               |
| Flammability mark                  | -                                     |
| ENEC mark                          | -                                     |

| Glow-wire test  | Temperature 850 °C, duration 30 s |
|---|-----------------------------------|
| EU RoHS compliant   | Yes                               |
| Light Technical   |                                   |
| Luminous Flux   | 3,350 lm                          |
| Saturated Red (R9)  | <50                               |
| Correlated Color Temperature (Nom)                              | 3000 K                            |
| Luminous Efficacy (rated) (Nom)                                 | 87 lm/W                           |
| Color rendering index (CRI)                                     | >80                               |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1                                 |
| Stroboscopic effect visibility measure (SVM)                    | 1.6                               |

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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                           | 18 A                     |
| Inrush time                              | 0.025 ms                 |
| Power Consumption                        | 38.5 W                   |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 6-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 34                       |

## Temperature

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 0 to +25 °C |
|---------------------------|-------------|

## Controls and Dimming

|                               |  |
|-------------------------------|--|
| Dimmable                      | Yes  |
| Driver/power unit/transformer | Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated) |
| Control interface             | DALI   |
| 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        |

## Emergency Operation

|                |        |
|----------------|--------|
| Emergency flux | 350 lm |
|----------------|--------|

|  |     |
|--|-----|
| Power consumption during Central DC emergency mode | 3 W |
|--|-----|

## 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 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | 80  |

## Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 1%    |
| Suitable for random switching      | No    |

## Product Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Order product name              | WL140V LED34S/830 PSED ELB3 WH |
| Full product name               | WL140V LED34S/830 PSED ELB3 WH |
| Full product code               | 871869997872300                |
| Order code                      | 910505101558                   |
| Material Nr. (12NC)             | 910505101558                   |
| Numerator - Quantity Per Pack   | 1                              |
| EAN/UPC - Product/Case          | 8718699978723                  |
| Numerator - Packs per outer box | 1                              |
| EAN/UPC - Case                  | 8718699978723                  |

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## Dimensional drawing

