



# CoreLine Wall-mounted

## WL140V LED20S/840 WIA ELB3 WH

CoreLine Wall-mounted, 25 W, D390 mm, 2200 lumen, 4000 K, Wireless, Interact Ready, IP65, ELB3h

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                                    | Glow-wire test                     | Temperature 850 °C, duration 30 s |
| Number of gear units     | 1 unit                                | EU RoHS compliant                  | Yes                               |
| Driver included          | Yes                                   | Light Technical                    |                                   |
| Product family code      | WL140V [Coreline Gen3 Wall Luminaire] | Luminous Flux                      | 2,200 lumen                       |
| Connectivity             | Interact Ready                        | Saturated Red (R9)                 | <50                               |
| Lighting Technology      | LED                                   | Correlated Color Temperature (Nom) | 4000 K                            |
| Value ladder             | Performance                           | Luminous Efficacy (rated) (Nom)    | 88 lm/W                           |
| CE mark                  | Yes                                   | Color rendering index (CRI)        | >80                               |
| Warranty period          | 5 years                               | Flickering value (PstLM)           | 1                                 |
| Flammability mark        | -                                     | Stroboscopic effect value (SVM)    | 1.6                               |
| ENEC mark                | ENEC mark                             | Beam angle of light source         | 120 degree(s)                     |

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|                             |                   |
|-----------------------------|-------------------|
| Light source color          | 840 neutral white |
| Optic type                  | Symmetrical       |
| Luminaire light beam spread | 120° x 120°       |
| Unified glare rating CEN    | 24                |

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                           | 4.9 A                    |
| Inrush time                              | 0.0057 ms                |
| Power Consumption                        | 25 W                     |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 6-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 24                       |

Temperature

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

Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Yes                                   |
| Driver/power unit/transformer | Wireless driver Interact System ready |
| Control interface             | Wireless                              |
| Constant light output         | No                                    |

Mechanical and Housing

|                             |               |
|-----------------------------|---------------|
| Housing Material            | Polycarbonate |
| Reflector material          | Polycarbonate |
| Optic material              | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material           | -             |
| Housing Color               | White         |
| Optical cover/lens 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)

|                             |                         |
|-----------------------------|-------------------------|
| Initial chromaticity        | (0.3818,0.3797) SDCM <3 |
| Luminous flux tolerance     | +/-10%                  |
| 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*        | 80  |
| 50000 h   |     |

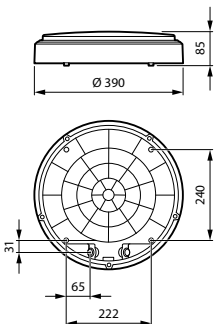
Application Conditions

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

Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Full product code               | 871869997877800               |
| Order product name              | WL140V LED20S/840 WIA ELB3 WH |
| Order code                      | 910505101563                  |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 1                             |
| Material Nr. (12NC)             | 910505101563                  |
| Full product name               | WL140V LED20S/840 WIA ELB3 WH |
| EAN/UPC - Case                  | 8718699978778                 |
| EAN/UPC - Product/Case          | 8718699978778                 |

Dimensional drawing



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