



# CoreLine Wall-mounted

# WL130V LED12S/840 PSU WH

CoreLine Wall-mounted, 12 W, D350 mm, 1200 lm, 4000 K, 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      |  |
|--------------------------|--|
| Lamp family code         | LED12 [LED Module 1200 lm]                   |
| Light source replaceable | No   |
| Number of gear units     | 1 unit                                       |
| Driver included          | Yes  |
| Remarks                  | *-Per Lighting Europe guidance paper         |
|                          | "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.         |
| Service tag              | Yes  |

| Lighting Technology                | LED                               |
|------------------------------------|-----------------------------------|
| Value ladder                       | Performance                       |
| CE mark                            | Yes                               |
| Warranty period                    | 5 years                           |
| Flammability mark                  | -                                 |
| ENEC mark                          | ENEC mark                         |
| Glow-wire test                     | Temperature 650 °C, duration 30 s |
| EU RoHS compliant                  | Yes                               |
|                                    |                                   |
| Light Technical                    |                                   |
| Luminous Flux                      | 1,200 lm                          |
| Correlated Color Temperature (Nom) | 4000 K                            |
| Luminous Efficacy (rated) (Nom)    | 100 lm/W                          |

Datasheet, 2023, April 30 data subject to change

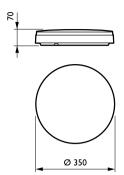
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| Color rendering index (CRI)            | 80                           |
|--|------------------------------|
| Beam angle of light source             | 120 degree(s)                |
| Light source color                     | 840 neutral white            |
| 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                  |
| Initial CLO power consumption          | NA W                         |
| Average CLO power consumption          | NA W                         |
| End CLO power consumption              | NA W                         |
| Inrush current                         | 12.3 A                       |
| Inrush time                            | 1.44 ms                      |
| Power Consumption                      | 12 W                         |
| Power Factor (Fraction)                | 0.9                          |
| Connection                             | Push-in connector 3-pole     |
| Cable                                  | -                            |
| Number of products on MCB of 16 A type | 32                           |
| В                                      |                              |
|  |                              |
| Temperature                            |                              |
| Ambient temperature range              | -20 to +40 °C                |
|  |                              |
| Controls and Dimming                   |                              |
| Dimmable                               | No                           |
| Driver/power unit/transformer          | Power supply unit (On/Off)   |
| 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                         | 350 mm                       |
|  |                              |

| Overall width                              | 350 mm                                       |  |
|--|--|--|
| Overall height                             | 70 mm  |  |
| Overall diameter                           | 350 mm                                       |  |
| Dimensions (Height x Width x Depth)        | 70 x 350 x 350 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              | 0.7 %  |  |
| Control gear failure rate at median useful | 5 %  |  |
| life 50000 h                               |  |  |
| Lumen maintenance at median useful life*   | L70  |  |
| 50000 h                                    |  |  |
|  |  |  |
| Application Conditions                     |  |  |
| Performance ambient temperature Tq         | 25 ℃   |  |
| Maximum dim level                          | Not applicable                               |  |
| Suitable for random switching              | Yes  |  |
|  |  |  |
| Product Data                               |  |  |
| Order product name                         | WL130V LED12S/840 PSU WH                     |  |
| Full product name                          | WL130V LED12S/840 PSU WH                     |  |
| Full product code                          | 871869938779299                              |  |
| Order code                                 | 912401483183                                 |  |
| Material Nr. (12NC)                        | 912401483183                                 |  |
| Numerator - Quantity Per Pack              | 1  |  |
| EAN/UPC - Product/Case                     | 8718699387792                                |  |
| Numerator - Packs per outer box            | 6  |  |
| EAN/UPC - Case                             | 8718699387976                                |  |
|  |  |  |

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### Dimensional drawing





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