



CoreLine Wall-mounted

WL130V LED12S/830 PSU WH

CoreLine Wall-mounted, 12 W, D350 mm, 1200 lm, 3000 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 |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| EU RoHS compliant | Yes |
| Value ladder | Performance |
| Light Technical | |
| Luminous Flux | 1,200 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |

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| | |
|-----------------------------|------------------------------|
| Color rendering index (CRI) | 80 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 830 warm 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 B | 32 |

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 | (0.44, 0.41) 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 life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L70 |

Application Conditions

| | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|--------------------------|
| Order product name | WL130V LED12S/830 PSU WH |
| Full product name | WL130V LED12S/830 PSU WH |
| Full product code | 871869938778599 |
| Order code | 912401483182 |
| Material Nr. (12NC) | 912401483182 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699387785 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8718699387969 |

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Dimensional drawing

