



CoreLine Wall-mounted

WL140V LED12S/830 PSR MDU WH

CoreLine Wall-mounted, 13 W, D390 mm, 1200 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 source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Lighting Technology | LED |
| Value ladder | Performance |
| Warranty period | 5 years |
| Sustainability rating | - |
| | |
| Light Technical | |
| Luminous Flux | 1,200 lm |
| Saturated Red (R9) | <50 |
| | |

| Correlated Color Temperature (Nom) | 3000 K |
|------------------------------------|----------------|
| Luminous Efficacy (rated) (Nom) | 90 lm/W |
| Color rendering index (CRI) | >80 |
| 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 | 22 |
| | |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 or 60 Hz |

Datasheet, 2025, March 5 data subject to change

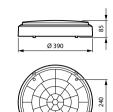
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| Initial CLO power consumption | - W |
|--|---------------------------------------|
| Average CLO power consumption | - W |
| Inrush current | 10 A |
| Inrush time | 0.066 ms |
| Power Consumption | 13 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 6-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 32 |
| Suitable for random switching | No |
| Protection class IEC | Safety class II |
| Total harmonic distortion | 20 % |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface | Sensor-based dim |
| Constant light output | No |
| Maximum dim level | 10% |
| Embedded control | Programmable movement and light |
| | sensor with wireless grouping |
| 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 |
| Ingress protection code | IP65 [Dust penetration-protected, jet |
| | proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Net Weight (Piece) | 1.600 kg |
| | |
| Approval and Application | |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| | |

| Photobiological risk | Photobiological risk group 0 @200mm |
|---|-------------------------------------|
| | to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 ℃ |
| Flickering value (PstLM) - Flickering value as | 1 |
| per EN 61000-3-3 | |
| Stroboscopic effect visibility measure (SVM) | 1.6 |
| Ambient temperature range | -20 to +40 °C |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.4338,0.4030) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching | SDCM≤3 |
| (McAdam ellipse) | |
| | |
| Over Time Performance (IEC Compliant) | |
| Control gear failure rate at median useful life | 5 % |
| 50000 h | |
| Lumen maintenance (EN-IEC 62722-2-1) at | - |
| median useful life* 35000 h | |
| Lumen maintenance (EN-IEC 62722-2-1) at | L80 |
| median useful life* 50000 h | |
| Lumen maintenance (EN-IEC 62722-2-1) at | - |
| median useful life* 75000 h | |
| Lumen maintenance (EN-IEC 62722-2-1) at | - |
| median useful life* 100000 h | |
| | |
| Product Data | |
| Order product name | WL140V LED12S/830 PSR MDU WH |
| Full product name | WL140V LED12S/830 PSR MDU WH |
| Full product code | 871951453082999 |
| Order code | 911401851582 |
| Material Nr. (12NC) | 911401851582 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514530829 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8719514530881 |
| | |

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Dimensional drawing





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