



CoreLine Wall-mounted

WL140V LED12S/830 PSED ELB3 WH

CoreLine Wall-mounted, 16.5 W, D390 mm, 1200 lumen, 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 |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 850 °C, duration 30 s |
| | |

| EU RoHS compliant | Yes |
|------------------------------------|----------------|
| | |
| Light Technical | |
| Luminous Flux | 1,200 lumen |
| Saturated Red (R9) | <50 |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 72 lm/W |
| Color rendering index (CRI) | >80 |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect value (SVM) | 1.6 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 830 warm white |
| | |

Datasheet, 2023, September 5 data subject to change

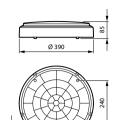
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| Optic type | Symmetrical |
|--|---------------------------------------|
| Luminaire light beam spread | 120° x 120° |
| Unified glare rating CEN | 22 |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 or 60 Hz |
| | - W |
| Initial CLO power consumption | - vv |
| Average CLO power consumption | |
| Inrush current | 18 A |
| Inrush time | 0.025 ms |
| Power Consumption | 16.5 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 | |
| <u> </u> | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | - Mile He - |
| Housing Color | White |
| Optical cover/lens finish | Opal |
| Overall height | 85 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 | (0.4338,0.4030) 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 ℃ |
| Suitable for random switching | No |
| | |
| Product Data | |
| Full product code | 871869997864800 |
| Order product name | WL140V LED12S/830 PSED ELB3 WH |
| Order code | 910505101550 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910505101550 |
| Full product name | WL140V LED12S/830 PSED ELB3 WH |
| EAN/UPC - Case | 8718699978648 |
| EAN/UPC - Product/Case | 8718699978648 |
| | |

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Dimensional drawing





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