



CoreLine Wall-mounted

WL140V LED34S/840 PSU WH

CoreLine Wall-mounted, 32 W, D390 mm, 3550 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 | | Operating and Electrical | |
|--------------------------|-------------|------------------------------------|-------------------|
| Light source replaceable | Yes | Correlated Color Temperature (Nom) | 4000 K |
| Number of gear units | 1 unit | Luminous Efficacy (rated) (Nom) | 110 lm/W |
| Driver included | Yes | Color rendering index (CRI) | >80 |
| Lighting Technology | LED | Beam angle of light source | 120 degree(s) |
| Value ladder | Performance | Light source color | 840 neutral white |
| Warranty period | 5 years | Optic type | Symmetrical |
| Sustainability rating | - | Luminaire light beam spread | 120° x 120° |
| | | Unified glare rating CEN | 25 |
| Light Technical | | Operating and Electrical | |
| Luminous Flux | 3,550 lm | Input Voltage | 220-240 V |
| Saturated Red (R9) | <50 | Line Frequency | 50 or 60 Hz |

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|--|--------------------------|
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| Inrush current | 14 A |
| Inrush time | 0.007 ms |
| Power Consumption | 32 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

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|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | Not applicable |

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) | 1.500 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 °C |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 1.6 |
| Ambient temperature range | -20 to +40 °C |

Initial Performance (IEC Compliant)

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|--|-------------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.3818,0.3797) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |

Over Time Performance (IEC Compliant)

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|--|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h | - |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L80 |
| 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

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|---------------------------------|--------------------------|
| Order product name | WL140V LED34S/840 PSU WH |
| Full product name | WL140V LED34S/840 PSU WH |
| Full product code | 871951452876599 |
| Order code | 911401847882 |
| Material Nr. (12NC) | 911401847882 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514528765 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8719514528925 |

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Dimensional drawing

