



CoreLine Wall-mounted

WL131V LED34S/840 PSR MDU WH

CoreLine Wall-mounted, 38 W, D480 mm, 3400 lm, 4000 K, Sensor-based dim, 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 | LED34S [LED module, system flux 3400 lm] | Service tag | Yes |
| Light source replaceable | No | Lighting Technology | LED |
| Number of gear units | 1 unit | Glow-wire test | Temperature 650 °C, duration 30 s |
| Driver included | Yes | Flammability mark | - |
| 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. | CE mark | Yes |
| | | ENEC mark | ENEC mark |
| | | Warranty period | 5 years |
| | | EU RoHS compliant | Yes |
| | | Value ladder | Performance |
| | | Embedded control | Movement detection unit |

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| Light Technical | |
| Luminous Flux | 3,400 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 90 lm/W |
| 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° |

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| 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 | 27 A |
| Inrush time | 265 ms |
| Power Consumption | 38 W |
| Power Factor (Fraction) | 0.8 |
| Connection | Push-in connector 6-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 18 |

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| Temperature | |
| Ambient temperature range | -20 to +40 °C |

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| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface | Sensor-based dim |
| Constant light output | No |

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| Mechanical and Housing | |
| Housing Material | Polyamide |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |

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|-------------------------------------|-------------------|
| Optical cover finish | Opal |
| Overall length | 480 mm |
| Overall width | 480 mm |
| Overall height | 95 mm |
| Overall diameter | 480 mm |
| Dimensions (Height x Width x Depth) | 95 x 480 x 480 mm |

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| 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 |

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| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.39, 0.39) SDCM<3 |
| Power consumption tolerance | +/-10% |

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| 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 |

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| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 10% |
| Suitable for random switching | Yes |

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| Product Data | |
| Order product name | WL131V LED34S/840 PSR MDU WH |
| Full product name | WL131V LED34S/840 PSR MDU WH |
| Full product code | 871869938791499 |
| Order code | 912401483195 |
| Material Nr. (12NC) | 912401483195 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699387914 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8718699388096 |

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Dimensional drawing

