PHILIPS Lighting



CoreLine Wallmounted

WL131V LED12S/840 PSR MDU WH

CoreLine Wall-mounted, 15 W, D350 mm, 1200 lm, 4000 K, Sensor-based dim, IP65

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product data

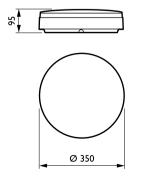
| General Information | |
|--------------------------|---|
| Lamp family code | LED12 [LED Module 1200 lm] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Remarks | *-Per Lighting Europe guidance paper |
| | "Evaluating performance of LED based |
| | 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 |
| Value ladder | Performance |
| | |

| Embedded control | Movement detection unit | |
|------------------------------------|-----------------------------------|--|
| CE mark | Yes | |
| Warranty period | 5 years | |
| Flammability mark | - | |
| ENEC mark | ENEC mark | |
| Glow-wire test | Temperature 650 °C, duration 30 s | |
| EU RoHS compliant | Yes | |
| | | |
| Light Technical | | |
| Luminous Flux | 1,200 lm | |
| Correlated Color Temperature (Nom) | 4000 K | |
| Luminous Efficacy (rated) (Nom) | 80 lm/W | |
| Color rendering index (CRI) | 80 | |
| Beam angle of light source | 120 degree(s) | |
| Light source color | 840 neutral white | |
| | | |

CoreLine Wall-mounted

| Optic type | Opal prismatic reflector | Overall height | 95 mm | |
|--|------------------------------|--|--|--|
| Optical cover type | Opal bowl with painted cover | Overall diameter | 350 mm | |
| Luminaire light beam spread | 120° | Dimensions (Height x Width x Depth) | 95 x 350 x 350 mm | |
| Operating and Electrical | | Approval and Application | | |
| Input Voltage | 220-240 V | Ingress protection code | IP65 [Dust penetration-protected, jet-proo | |
| Line Frequency | 50 to 60 Hz | Mech. impact protection code | IK08 [5 J vandal-protected] | |
| Initial CLO power consumption | NA W | Protection class IEC | Safety class II | |
| Average CLO power consumption | NAW | | | |
| End CLO power consumption | NA W | Initial Performance (IEC Compliant) | | |
| Inrush current | 27 A | Luminous flux tolerance | +/-10% | |
| Inrush time | 265 ms | Initial chromaticity | (0.39, 0.39) SDCM<3 | |
| Power Consumption | 15 W | Power consumption tolerance | +/-10% | |
| Power Factor (Fraction) | 0.8 | | | |
| Connection | Push-in connector 6-pole | Over Time Performance (IEC Compli | Over Time Performance (IEC Compliant) | |
| Cable | - | Driver failure rate at 5000 h | 0.7 % | |
| Number of products on MCB of 16 A type | 18 | Control gear failure rate at median useful | 5 % | |
| В | | life 50000 h | | |
| | | Lumen maintenance at median useful life | * L70 | |
| Temperature | | 50000 h | | |
| Ambient temperature range | -20 to +40 °C | | | |
| | | Application Conditions | | |
| Controls and Dimming | | Performance ambient temperature Tq | 25 ℃ | |
| Dimmable | Yes | Maximum dim level | 10% | |
| Driver/power unit/transformer | Power supply unit regulating | Suitable for random switching | Yes | |
| Control interface | Sensor-based dim | | | |
| Constant light output | No | Product Data | | |
| | | Order product name | WL131V LED12S/840 PSR MDU WH | |
| Mechanical and Housing | | Full product name | WL131V LED12S/840 PSR MDU WH | |
| Housing Material | Polyamide | Full product code | 871869938787799 | |
| Reflector material | - | Order code | 912401483191 | |
| Optic material | Polycarbonate | Material Nr. (12NC) | 912401483191 | |
| Optical cover material | Polycarbonate | Numerator - Quantity Per Pack | 1 | |
| Fixation material | - | EAN/UPC - Product/Case | 8718699387877 | |
| Housing Color | White | Numerator - Packs per outer box | 6 | |
| Optical cover finish | Opal | EAN/UPC - Case | 8718699388058 | |
| Overall length | 350 mm | | | |
| Overall width | 350 mm | | | |

Dimensional drawing



CoreLine Wall-mounted



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 30 - data subject to change