PHILIPS Lighting



CoreLine Wallmounted

WL131V LED20S/830 PSR MDU WH

CoreLine Wall-mounted, 25 W, D350 mm, 2000 lm, 3000 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 | LED20 [LED Module 2000 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 |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| EU RoHS compliant | Yes |
| Value ladder | Performance |
| Embedded control | Movement detection unit |
| | |

CoreLine Wall-mounted

| Light Technical | |
|--|------------------------------|
| Luminous Flux | 2,000 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 80 lm/W |
| Color rendering index (CRI) | 80 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 830 warm white |
| Optic type | Opal prismatic reflector |
| Optical cover type | Opal bowl with painted cover |
| Luminaire light beam spread | 120° |
| | |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | NAW |
| Average CLO power consumption | NAW |
| End CLO power consumption | NA W |
| Inrush current | 27 A |
| Inrush time | 265 ms |
| Power Consumption | 25 W |
| Power Factor (Fraction) | 0.8 |
| Connection | Push-in connector 6-pole |
| Cable | - |
| Number of products on MCB of 16 A type | 18 |
| В | |
| | |
| Temperature | |
| Ambient temperature range | -20 to +40 °C |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface | Sensor-based dim |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Polyamide |
| Reflector material | - |
| | |

Polycarbonate

Polycarbonate

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White

| Optical cover finish | Opal |
|--|--|
| Overall length | 350 mm |
| Overall width | 350 mm |
| Overall height | 95 mm |
| Overall diameter | 350 mm |
| Dimensions (Height x Width x Depth) | 95 x 350 x 350 mm |
| 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 |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.44, 0.41) SDCM<3 |
| Power consumption tolerance | +/-10% |
| Over Time Performance (IEC Compli | ant) |
| Driver failure rate at 5000 h | 0.7 % |
| Control gear failure rate at median useful | 5 % |
| life 50000 h | |
| Lumen maintenance at median useful life* | ⁶ L70 |
| | |
| 50000 h | |
| Application Conditions | |
| | 25 °C |
| Application Conditions | 25 °C 10% |
| Application Conditions Performance ambient temperature Tq | |
| Application Conditions Performance ambient temperature Tq Maximum dim level | 10% |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching | 10% |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data | 10% Yes |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name | 10% Yes WL131V LED20S/830 PSR MDU WH |
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| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code | 10% Yes WL131V LED20S/830 PSR MDU WH WL131V LED20S/830 PSR MDU WH 871869938788499 |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code | 10% Yes WL131V LED20S/830 PSR MDU WH WL131V LED20S/830 PSR MDU WH 871869938788499 912401483192 |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) | 10% Yes WL131V LED20S/830 PSR MDU WH WL131V LED20S/830 PSR MDU WH 871869938788499 912401483192 912401483192 |
| Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack | 10% Yes WL131V LED20S/830 PSR MDU WH WL131V LED20S/830 PSR MDU WH 871869938788499 912401483192 912401483192 1 |

Optic material

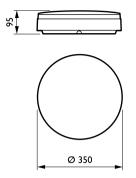
Fixation material

Housing Color

Optical cover material

CoreLine Wall-mounted

Dimensional drawing





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