PHILIPS Lighting



CoreLine Wallmounted

WL130V LED20S/840 PSU WH

CoreLine Wall-mounted, 22 W, D350 mm, 2000 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 | |
|--------------------------|--|
| 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 |
| Value ladder | Performance |
| 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 | 2,000 lm |
| | |

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| 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° |
| | |

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 | NAW |
| Inrush current | 21.3 A |
| Inrush time | 1.84 ms |
| Power Consumption | 22 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type | B 32 |
| | |

| - | |
|-----|----------|
| lem | perature |
| | |

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

| Controls and Dimming | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |
| Constant light output | No |

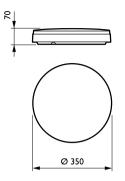
Mechanical and Housing

| Housing Material | Polyamide |
|------------------------|---------------|
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 350 mm |

| Overall width | 350 mm |
|--|--|
| Overall height | 70 mm |
| Overall diameter | 350 mm |
| Dimensions (Height x Width x Depth) | 70 x 350 x 350 mm |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proo |
| 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 Complia | 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* | L70 |
| 50000 h | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | |
| | Yes |
| Product Data | Yes |
| Product Data Order product name | Yes WL130V LED20S/840 PSU WH |
| | |
| Order product name | WL130V LED20S/840 PSU WH |
| Order product name Full product name | WL130V LED20S/840 PSU WH WL130V LED20S/840 PSU WH |
| Order product name Full product name Full product code | WL130V LED20S/840 PSU WH WL130V LED20S/840 PSU WH 871869938781599 |
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Dimensional drawing





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