



CoreLine Wall-mounted

WL130V LED20S/840 PSU WH

LED Module 2000 lm - 840 neutral white - Power supply unit - White

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward

Product data

| General Information | | Flammability mark | NO [-] |
|-------------------------------|------------------------------------|---|---|
| Lamp family code | LED20 [LED Module 2000 lm] | CE mark | CE mark |
| Beam angle of light source | 120 ° | ENEC mark | ENEC mark |
| Light source colour | 840 neutral white | Warranty period | 5 years |
| Light source replaceable | No | 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. |
| Number of gear units | 1 unit | Constant light output | No |
| Driver/power unit/transformer | PSU [Power supply unit] | Number of products on MCB (16 A type B) | 32 |
| Driver included | Yes | EU RoHS compliant | Yes |
| Optic type | Opal prismatic reflector | | |
| Optical cover/lens type | OP [Opal bowl with painted cover] | | |
| Luminaire light beam spread | 120° | | |
| Control interface | - | | |
| Connection | Push-in connector 3-pole | | |
| Cable | - | | |
| Protection class IEC | Safety class II | | |
| Glow-wire test | Temperature 650 °C, duration 30 s | | |

CoreLine Wall-mounted

Operating and Electrical

| | |
|-------------------------------|-------------|
| Input Voltage | 220-240 V |
| Input frequency | 50 to 60 Hz |
| Control signal voltage | - |
| Initial CLO power consumption | NA W |
| Average CLO power consumption | NA W |
| End CLO power consumption | NA W |
| Inrush current | 21.3 A |
| Inrush time | 1.84 ms |
| Power factor (min.) | 0.9 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-------------------------------------|--|
| Housing material | Polyamide |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | - |
| Optical cover/lens finish | Opal |
| Overall length | 350 mm |
| Overall width | 350 mm |
| Overall height | 70 mm |
| Overall diameter | 350 mm |
| Colour | White |
| Dimensions (height x width x depth) | 70 x 350 x 350 mm (2.8 x 13.8 x 13.8 in) |

Approval and Application

| | |
|------------------------------|---|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |

Initial Performance (IEC Compliant)

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|-----------------------|---------|
| Initial luminous flux | 2000 lm |
|-----------------------|---------|

| | |
|--------------------------------|---------------------|
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 90 lm/W |
| Init. Corr. Colour Temperature | 4000 K |
| Init. colour rendering index | 80 |
| Initial chromaticity | (0.44, 0.41) SDCM<3 |
| Initial input power | 22 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* L70 50,000 h | |

Application Conditions

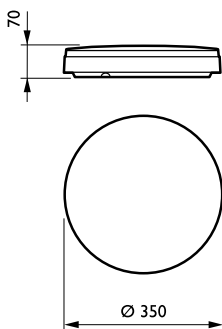
| | |
|------------------------------------|----------------|
| Ambient temperature range | -20 to +40 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | Yes |

Product Data

| | |
|-------------------------------------|--------------------------|
| Full product code | 871869938781599 |
| Order product name | WL130V LED20S/840 PSU WH |
| EAN/UPC – product | 8718699387815 |
| Order code | 38781599 |
| Numerator – quantity per pack | 1 |
| SAP numerator – packs per outer box | 6 |
| Material no. (12 NC) | 912401483185 |
| SAP net weight (piece) | 1.400 kg |



Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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Photometric data

