# CoreLine Wall-mounted

## WL131V LED20S/830 PSR MDU WH

830 warm white - Power supply unit regulating - 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

| | |
|---|---|
| Beam angle of light source | 120 ° |
| Light source color | 830 warm white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | Power supply unit regulating |
| Driver included | Yes |
| Optic type | Opal prismatic reflector |
| Optical cover/lens type | Opal bowl with painted cover |
| Luminaire light beam spread | 120° |
| Control interface | - |
| Connection | Push-in connector 6-pole |
| Cable | - |
| Protection class IEC | Safety class I |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| Flammability mark | - |
| CE mark | CE mark |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| Constant light output | Yes |

| | |
|---|---|
| Number of products on MCB of 16 A type B | 18 |
| RoHS mark | RoHS mark |

### Operating and Electrical

| | |
|---|---|
| Input Voltage | 220-240 V |
| Input Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 25 W |
| Average CLO power consumption | 25 W |
| Inrush current | 27 A |
| Inrush time | 265 ms |
| Power Factor (Min) | 0.9 |

### Controls and Dimming

| | |
|---|---|
| Dimmable | Yes |

### Mechanical and Housing

| | |
|---|---|
| Housing Material | Polyamide |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |

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| | |
|---|---|
| Fixation material | - |
| Optical cover/lens finish | Opal |
| Overall height | 95 mm |
| Overall diameter | 350 mm |

## 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)

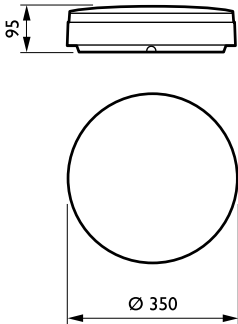| | |
|---|---|
| Initial luminous flux (system flux) | 2000 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 80 lm/W |
| Init. Corr. Color Temperature | 3000 K |
| Init. Color Rendering Index | 80 |
| Initial chromaticity | (0.4440, 0.4111) |
| Initial input power | 25 W |
| Power consumption tolerance | +/-10% |

## Application Conditions

| | |
|---|---|
| Ambient temperature range | 0 to +25 °C |
| Maximum dim level | 10% |
| Suitable for random switching | Yes (relates to presence/ movement detection) |

## Product Data

| | |
|---|---|
| Full product code | 871869938788499 |
| Order product name | WL131V LED20S/830 PSR MDU WH |
| EAN/UPC - Product | 8718699387884 |
| Order code | 912401483192 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 912401483192 |
| Net Weight (Piece) | 2.100 kg |

650°C  IP 65  IK 08

## Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V