

WL131V LED20S/840 PSED WH

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.

| General Information | |
|-------------------------------|---------------------------------------|
| Lamp family code | LED20 [LED Module 2000 lm] |
| Beam angle of light source | 120 ° |
| Light source color | 840 neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Driver included | Yes |
| Optic type | Opal prismatic reflector |
| Optical cover/lens type | Opal bowl with painted cover |
| Luminaire light beam spread | 120° |
| Control interface | DALI |
| Connection | Push-in connector 6-pole |
| Cable | - |
| Protection class IEC | Safety class II |
| Glow-wire test | Temperature 650 °C, duration 30 s |

| Operating and Electrical | |
|-------------------------------|----------------|
| Input Voltage | 220-240 V |
| Input Frequency | 50 to 60 Hz |
| Control signal voltage | 0-16 V DC DALI |
| Initial CLO power consumption | 23 W |
| Average CLO power consumption | 23 W |
| End CLO power consumption | NA W |
| Inrush current | 22 A |

CoreLine Wall-mounted

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|--------------------|--------|
| Inrush time | 290 ms |
| Power Factor (Min) | 0.9 |

Controls and Dimming

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

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 | 95 mm |
| Overall diameter | 350 mm |
| Color | White |

Approval and Application

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|------------------------------|---|
| 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 (system flux) | 2000 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 90 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | 80 |
| Initial chromaticity | (0.39, 0.39) SDCM<3 |

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|-----------------------------|--------|
| Initial input power | 23 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

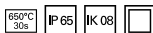
| | |
|---|---------|
| Control gear failure rate at median useful life | 5 % |
| 50000 h | |
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 38000 h |
| Median useful life L90B50 | 18000 h |
| Lumen maintenance at median useful life* | L70 |
| 50000 h | |

Application Conditions

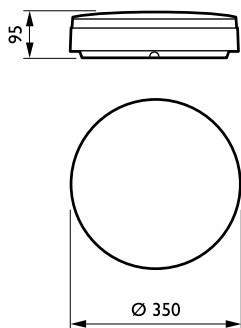
| | |
|------------------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 10% |
| Suitable for random switching | Yes |

Product Data

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|---------------------------------|----------------------------|
| Full product code | 871869938795299 |
| Order product name | WL131V LED20S/840 PSSED WH |
| EAN/UPC - Product | 8718699387952 |
| Order code | 912401483199 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 912401483199 |
| Net Weight (Piece) | 2.050 kg |

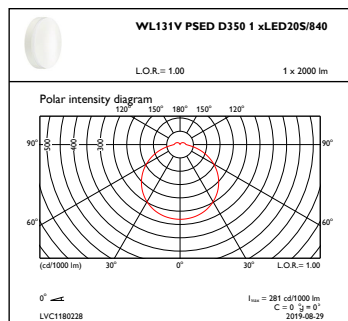


Dimensional drawing

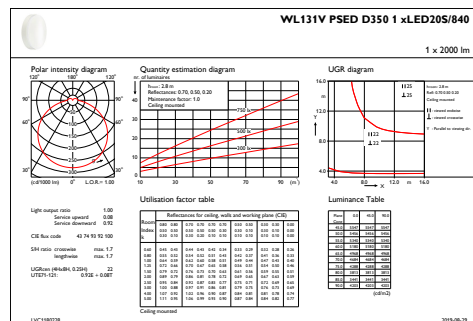


CoreLine Wall-mounted WL130V/WL131V

Photometric data



OFPC1_WL131VPSEDD3501xLED20S840



IFGU1_WL131VPSEDD3501xLED20S840

