



Ledinaire Square Wall-mounted

WL055V LED6S/830 PSU WH

Ledinaire Square Wall-mounted, 6 W, 374x150 mm, 600 lm, 3000 K, IP65

Public spaces and circulation areas demand the most reliable lighting solutions – especially parking garages, offices, entrances, hallways, corridors, and staircases. With Philips Ledinaire, you get superb reliability and more. This popular range features a selection of essential LED luminaires that you can choose off the shelf. Like our modern, Ledinaire square wall–mounted WL055V model that's suitable for a wide range of general lighting applications. And just like the rest of the Ledinaire range, it's designed with Philips high quality standards at a very competitive price. An affordable, reliable, and energy–efficient choice for wall mounting, from the leading name in LED.

Warnings and Safety

- For MDU (Motion Detection Unit) versions:
- · Sensor coverage may vary between indoor and outdoor applications.
- Strong wind and rain may trigger the sensor if there are no surroundings such as walls, roof etc.
- · Any vibration or movement may trigger the sensor. Ensure the sensor is far from any such continuous signal.

Product data

| General Information | |
|--------------------------|--------|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Lighting Technology | LED |
| Value ladder | Value |

| Serviceability class | Class C, luminaire without serviceable |
|-----------------------|--|
| | parts, not serviceable |
| Warranty period | 3 years |
| Sustainability rating | - |

Datasheet, 2025, April 29 data subject to change

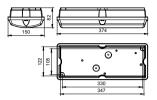
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| Light Technical | |
|--|--|
| Luminous Flux | 600 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | 110 degree(s) |
| Light source color | 830 warm white |
| Optic type | Beam angle 110° |
| Luminaire light beam spread | 110° |
| Unified glare rating CEN | 25 |
| - | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 4 A |
| Inrush time | 0.02 ms |
| Power Consumption | 6 W |
| Power Factor (Fraction) | 0.82 |
| Connection | Push-in connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 79 |
| Suitable for random switching | Not applicable |
| Protection class IEC | Safety class II |
| Total harmonic distortion | 20 % |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Polycarbonate |
| Reflector material | Steel |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 374 mm |
| Overall width | 150 mm |
| Overall height | 82 mm |
| Dimensions (Height x Width x Depth) | 82 x 150 x 374 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet- |
| | proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| | 0.700 kg |

| Approval and Application | | | |
|---|---|--|--|
| Glow-wire test | Temperature 850 °C, duration 30 s | | |
| Flammability mark | - | | |
| CE mark | Yes | | |
| ENEC mark | - | | |
| Photobiological risk | Photobiological risk group 0 @200mm to | | |
| | EN62778 | | |
| EU RoHS compliant | Yes | | |
| Performance ambient temperature Tq | 25 ℃ | | |
| 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. | | |
| Flickering value (PstLM) - Flickering value as | 1 | | |
| per EN 61000-3-3 | | | |
| Stroboscopic effect visibility measure (SVM) | 1.6 | | |
| Ambient temperature range | -20 to +35 °C | | |
| | | | |
| Initial Performance (IEC Compliant) | | | |
| Luminous flux tolerance | +/-10% | | |
| Initial chromaticity | SDCM≤5 | | |
| Power consumption tolerance | +/-10% | | |
| Standard Deviation of Colour Matching | SDCM≤5 | | |
| (McAdam ellipse) | | | |
| | | | |
| Over Time Performance (IEC Complian | - | | |
| Control gear failure rate at median useful life | 7.5 % | | |
| 50000 h | | | |
| Lumen maintenance (EN-IEC 62722-2-1) at | L65 | | |
| median useful life* 50000 h | | | |
| Due duet Date | | | |
| Product Data | WI 05574 5D 65 (020 DG) 1 WI | | |
| Order product name | WL055V LED6S/830 PSU WH | | |
| Full product name | WL055V LED6S/830 PSU WH | | |
| Full product code | 871016334941199 | | |
| Order code | 911401834880 | | |
| Material Nr. (12NC) | 911401834880 | | |
| Numerator - Quantity Per Pack | 1 | | |
| EAN/UPC - Product/Case | 8710163349411 | | |
| Numerator - Packs per outer box | 12 | | |
| EAN/UPC - Case | 8710163349435 | | |
| | | | |

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Dimensional drawing





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