



Ledinaire Square Wall-mounted

WL055V LED6S/830 PSR MDU WH

Ledinaire Square Wall-mounted, 6 W, 374x150 mm, 600 lm, 3000 K, Sensor-based dim, MDU2, 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 WLO55V 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, June 17 data subject to change

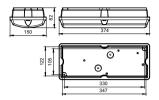
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| Light Technical | |
|--|--|
| Luminous Flux | 600 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | 110 degree(s) |
| Light source 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 E | 140 |
| Suitable for random switching | Not applicable |
| Protection class IEC | Safety class II |
| Total harmonic distortion | 20 % |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | Sensor-based dim |
| Constant light output | No |
| Maximum dim level | 20% |
| Embedded control | Programmable movement and light senso |
| | |
| 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] |
| Mech. Impact protection code | |

| 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 | 1 |
| as per EN 61000-3-3 | |
| Stroboscopic effect visibility measure (SVM) | |
| 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 | 7.5 % |
| life 50000 h | |
| Lumen maintenance (EN-IEC 62722-2-1) at | L65 |
| median useful life* 50000 h | |
| B 1 (B) | |
| Product Data | |
| Order product name | WL055V LED6S/830 PSR MDU WH |
| Full product name | WL055V LED6S/830 PSR MDU WH |
| Full product code | 871016335409599 |
| Order code | 911401862580 |
| Material Nr. (12NC) | 911401862580 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8710163354095 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8710163354101 |

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Dimensional drawing





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