



# Ledinaire Square Wall-mounted

## WL055V LED6S/840 PSU WH

Ledinaire Square Wall-mounted, 6 W, 374x150 mm, 630 lm, 4000 K, IP65

374x150 mm, Polycarbonate, White, Power supply unit (On/Off), 630 lm, 6 W, 105 lm/W, 4000 K, SDCM $\leq$ 5, Beam angle 110°, Opal, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class II, Push-in connector 3-pole

### 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                |         | Luminous Efficacy (rated) (Nom) |                   |
|------------------------------------|---------|---------------------------------|-------------------|
| Light source replaceable           | No      |                                 | 105 lm/W          |
| Number of gear units               | 1 unit  | Color rendering index (CRI)     | >80               |
| Driver included                    | Yes     | Beam angle of light source      | 110 degree(s)     |
| Lighting Technology                | LED     | Light source color              | 840 neutral white |
| Value ladder                       | Value   | Optic type                      | Beam angle 110°   |
| Warranty period                    | 5 years | Luminaire light beam spread     | 110°              |
|                                    |         | Unified glare rating CEN        | 25                |
| Light Technical                    |         | Operating and Electrical        |                   |
| Luminous Flux                      | 630 lm  | Input Voltage                   | 220 to 240 V      |
| Correlated Color Temperature (Nom) | 4000 K  | Line Frequency                  | 50 or 60 Hz       |

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|  |                          |
|--|--------------------------|
| 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]                  |
| Net Weight (Piece)                  | 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 °C  |

**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) | 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 (McAdam ellipse) | SDCM≤5 |

### Over Time Performance (IEC Compliant)

|   |       |
|---|-------|
| Control gear failure rate at median useful life 50000 h             | 7.5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L65   |

### Sustainability Data

|  |   |
|--|---|
| Sustainability rating                                | Unclassified  |
| Repair class   | Repair Class D, this product is not designed to be repaired.  |
| Embedded carbon (A1-A3)                              | 9.83 kg CO <sub>2</sub> e   |
| Product non-virgin material ratio                    | 6.84 %  |
| Recyclable content ratio of the finished product     | 52.8 %  |
| GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit   | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)                          |
| GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / Lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kwh) |
| Non-virgin material ratio of the packaging           | Cardboard > 80% recycled Plastic >35% recycled  |
| Packaging Recyclable content ratio                   | Cardboard recycling rate > 80% Plastic recycling rate > 40%   |
| Packaging Material                                   | Cardboard Plastic   |

### Product Data

|                                 |                         |
|---------------------------------|-------------------------|
| Order product name              | WL055V LED6S/840 PSU WH |
| Full product name               | WL055V LED6S/840 PSU WH |
| Full product code               | 871016334942899         |
| Order code                      | 911401834980            |
| Material Nr. (12NC)             | 911401834980            |
| Numerator - Quantity Per Pack   | 1                       |
| EAN/UPC - Product/Case          | 8710163349428           |
| Numerator - Packs per outer box | 12                      |
| EAN/UPC - Case                  | 8710163349442           |

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### Dimensional drawing

