



# 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 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 | -                                                             |

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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 | 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 sensor |

| 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)                  | 0.750 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 as per EN 61000-3-3 | 1                                                                                                                                                                                                                                                                                      |
| 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   |

| 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

