



Ledinaire Square Wall-mounted

WLO55V LED6S/840 PSR MDU WH

Ledinaire Square Wall-mounted, 6 W, 374x150 mm, 630 lumen, 4000 K, 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 | | |
|----------------------|---|--|
| Lighting Technology | LED | 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. |
| Driver included | Yes | |
| Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically | |
| Number of gear units | | 1 unit |
| Value ladder | | Value |

Ledinaire Square Wall-mounted

| | |
|--------------------------|--|
| Light source replaceable | No |
| Embedded control | Programmable movement and light sensor |

Light Technical

| | |
|------------------------------------|-------------------|
| Luminous Flux | 630 lumen |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 105 lm/W |
| Color rendering index (CRI) | >80 |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect value (SVM) | 1.6 |
| Beam angle of light source | 110 degree(s) |
| Light source color | 840 neutral 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 |
| Input 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 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +35 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|----------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

| | |
|-----------------------------|---------------|
| Housing Material | Polycarbonate |
| Reflector material | Steel |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover/lens 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 |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Sustainability rating | - |
| Protection class IEC | Safety class II |
| Glow-wire test | Temperature 850 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | - |
| Warranty period | 3 years |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| EU RoHS compliant | Yes |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|--------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | SDCM≤5 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

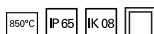
| | |
|---|-------|
| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance at median useful life* 50000 h | L65 |

Application Conditions

| | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 20% |
| Suitable for random switching | Not applicable |

Product Data

| | |
|---------------------------------|-----------------------------|
| Full product code | 871016335064699 |
| Order product name | WLO55V LED6S/840 PSR MDU WH |
| Order code | 911401850580 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material number (12NC) | 911401850580 |
| Full product name | WLO55V LED6S/840 PSR MDU WH |
| EAN/UPC - Case | 8710163350653 |



Ledinaire Square Wall-mounted

Dimensional drawing

