CINOTON ML-WPD2-40W-50K-P

CINOTON 40W LED Wall Pack Light Instruction Manual

MODEL: ML-WPD2-40W-50K-P

Product Overview

The CINOTON 40W LED Wall Pack Light is designed for outdoor security and general illumination. It features a durable aluminum construction, IP65 waterproof rating, and a built-in dusk-to-dawn photocell for automated operation. The light offers a 0-90° adjustable full cut-off design to direct illumination precisely where needed, minimizing light spill.

Figure 1: CINOTON 40W LED Wall Pack Light, showcasing its robust design and integrated LED array.

Key Features:

- **Dusk-to-Dawn Photocell:** Automatically turns the light ON at sundown/night and OFF at sunrise/daytime.
- **Adjustable Full Cut-Off Design:** Allows 0-90° rotation for precise light direction, reducing glare and light pollution.
- **High Brightness & Energy Efficiency:** Delivers 5600 lumens at 40W (140 lm/W efficacy) with 5000K daylight color temperature.
- **Durable & Weatherproof:** Constructed from die-casted aluminum with an IP65 waterproof rating, ensuring resistance to rain and snow.
- **Long Lifespan:** Rated for 50,000 hours, providing approximately 17 years of use at 8 hours/day.
- **Easy Installation:** Equipped with preconfigured Junction Box knockouts for simplified mounting.
- **ETL Listed:** Ensures product quality and safety standards are met.

Setup

1. Unboxing and Components

Carefully unpack the contents and ensure all items are present:

- 1x Wall Pack LED Lighting with Photocell Sensor
- 3x Wiring Connectors
- 2x 8#-32 3/4 Screws
- 2x 6#-32 3/4 Screws
- 2x Covers for the Photocell

2. Pre-Installation Checklist

- Ensure power to the installation area is turned OFF at the circuit breaker.
- Verify the mounting surface is stable and can support the fixture's weight.
- Gather necessary tools: screwdriver, drill, wire strippers, and an Allen key (for angle adjustment).
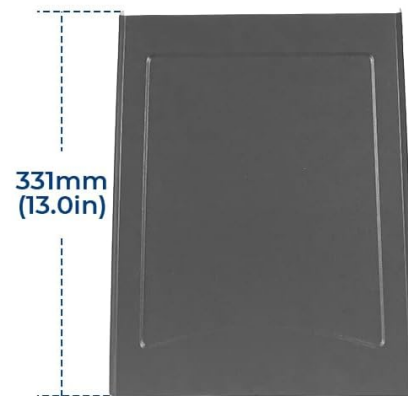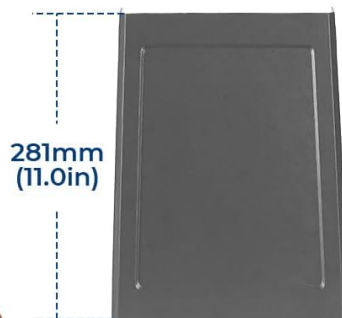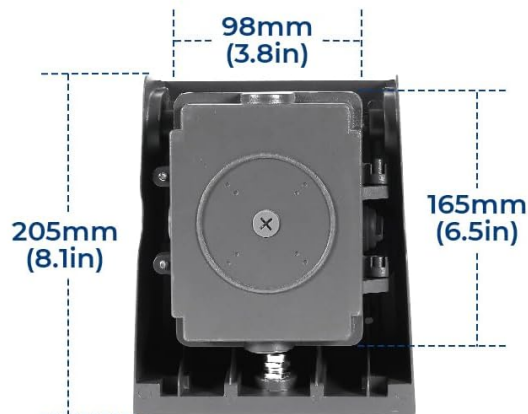
3. Mounting and Wiring

Follow these steps for secure installation:

1. Loosen the two Allen screws on the sides of the fixture to separate the main light body from the mounting base.
2. Use a screwdriver to open the mounting cover on the base.
3. Knock out the appropriate holes in the rear housing of the mounting base to align with your existing junction box or desired mounting points.
4. Apply the provided sealing gasket to the back of the mounting base to ensure a watertight seal against the wall.
5. Fixed the mounting base securely to the junction box using the provided screws.
6. Connect the electrical wires: connect the live wire (black) from the power source to the live wire of the fixture, the neutral wire (white) to the neutral wire, and the ground wire (green/bare copper) to the ground wire using the included wiring connectors.
7. If utilizing the dusk-to-dawn feature, ensure the photocell is connected. If not, you may cover it with the provided lid.
8. Reattach the main light body to the mounting base and tighten the Allen screws on both sides.

DIMENSIONS

40W products

98mm (3.8in)

205mm (8.1in)

165mm (6.5in)

162mm (6.4in)

80mm (3.1in)

205mm (8.1in)

281mm (11.0in)

331mm (13.0in)

40W

60W

120W

Figure 2: Visual guide for the easy installation process, showing the mounting base and light body separation.

Figure 3: Diagram illustrating the step-by-step installation process, including wiring and mounting.

Installation Video:

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Video 1: Official installation guide for the CINOTON 40W LED Wall Pack Light, demonstrating step-by-step mounting and wiring procedures.

Operating Instructions

1. Dusk-to-Dawn Functionality

The integrated photocell sensor automatically detects ambient light levels. The fixture will illuminate when natural light falls below a certain threshold (dusk) and turn off when sufficient natural light is present (dawn). Ensure the photocell is not obstructed by objects or other light sources for optimal performance.
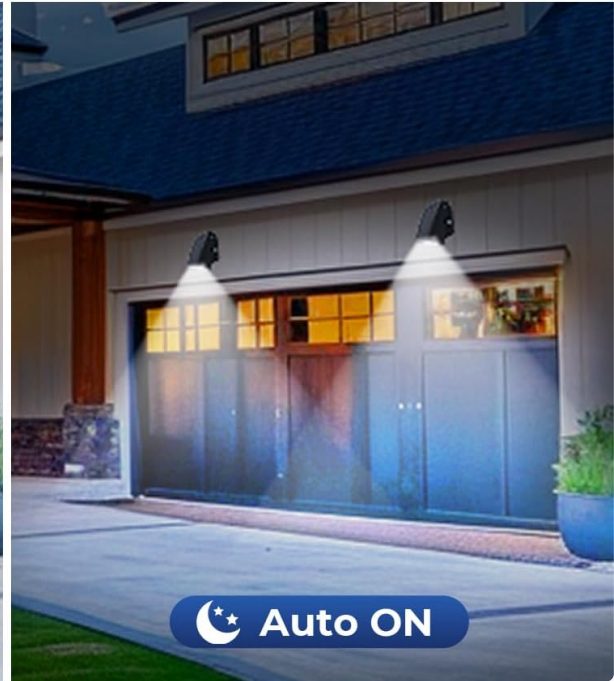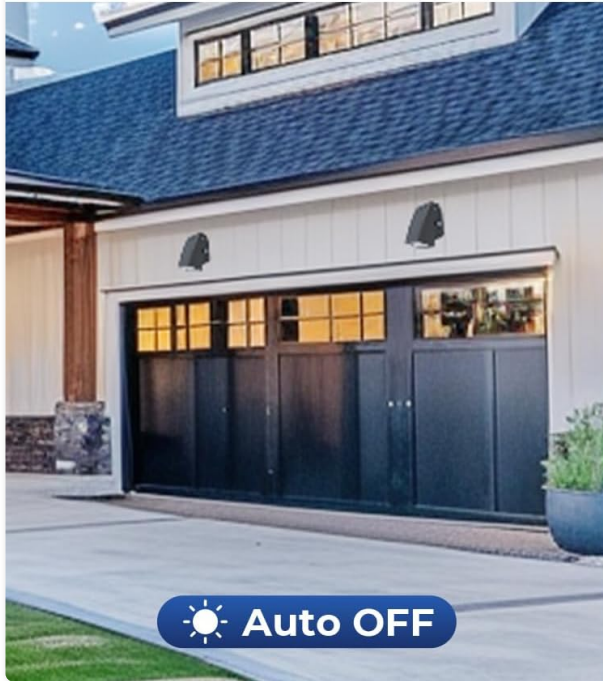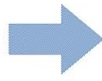
Figure 4: Illustration of the dusk-to-dawn photocell sensor, showing automatic light activation at night and deactivation during the day.

2. Manual Control (Photocell Override)

If you prefer to control the light manually with an external switch, you can cover the photocell sensor with the provided black lid. This will keep the light off during the day and allow it to be controlled solely by your wall switch.

FULL CUTOFF LED WALL PACK
avoid affecting your neighbors

0~90° Rotation

Included lid, You can cloes the Photocell once you don't need it

Figure 5: Demonstrates the full cut-off design with 0-90 degree rotation and the option to cover the photocell for manual control.

3. Adjusting Light Angle

The fixture allows for a 0-90° adjustment of the light head. Use an Allen key to loosen the adjustment screws on the sides of the fixture, set the desired angle, and then securely tighten the screws to lock the position. This feature helps to concentrate light and prevent disturbance to neighbors.

Maintenance

Regular maintenance ensures optimal performance and longevity of your LED Wall Pack Light.

- **Cleaning:** Periodically clean the lens and exterior housing with a soft, damp cloth to remove dirt, dust, and debris. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Inspection:** Annually inspect the fixture for any signs of wear, damage, or loose connections. Ensure all screws and mounting hardware are tight. Check the sealing gasket for integrity.
- **Power Disconnection:** Always disconnect power at the circuit breaker before performing any cleaning or inspection.

Troubleshooting

If you encounter issues with your CINOTON 40W LED Wall Pack Light, refer to the following common troubleshooting steps:

- **Light does not turn ON:**

    - Check if the power supply is connected and the circuit breaker is ON.
    - Verify all wiring connections are secure and correct (Live, Neutral, Ground).
    - Ensure the photocell is not covered if you intend for automatic dusk-to-dawn operation.
    - Test the light in a dark environment to confirm photocell functionality.

- **Light stays ON during the day:**

    - Check if the photocell is obstructed by shadows or dirt. Clean the photocell if necessary.
    - Ensure there are no external light sources (e.g., another bright light, reflective surfaces) shining directly onto the photocell, tricking it into thinking it's dark.
    - If manual control is desired, ensure the photocell is properly covered with the provided lid.

- **Light flickers or dims:**

    - Check for loose wiring connections.
    - Ensure the input voltage (120-277V) is within the specified range for the fixture.

If these steps do not resolve the issue, please contact CINOTON customer support for further assistance.

Specifications

Attribute	Value
Brand	CINOTON
Model Name	Outdoor LED Wall Pack Security Flood Lights
Item Model Number	ML-WPD2-40W-50K-P
Wattage	40 watts
Brightness	5600 Lumen
Color Temperature	5000 Kelvin (Daylight)
Voltage	120-277 Volts
IP Rating	IP65 (Waterproof)
Material	Die-casted Aluminum
Lifespan	50,000 hours
Dimensions	6.5"L x 3.8"W x 8.1"H
Special Features	Dusk-to-Dawn Photocell, 0-90° Adjustable, Full Cut-Off, Energy Efficient, Shock Resistant
Certification	ETL Listed

Warranty and Support

CINOTON provides a comprehensive **5-year quality service** for this product. For any concerns, technical assistance, or warranty claims, please contact our customer support team. We are committed to providing reliable and dependable service.

For support, please visit the CINOTON Store on Amazon or refer to the contact information provided with your purchase.