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CycevSun MI-W6IN-12P

6 Inch LED Recessed Light Instruction Manual

MODEL: MI-W6IN-12P

Brand: CycevSun

INTRODUCTION

Thank you for choosing CycevSun 6 Inch LED Recessed Lights. These canless wafer pot lights are designed for easy installation and provide versatile illumination for various indoor spaces. Featuring dimmable functionality and selectable color temperatures, they offer a customizable lighting experience for your home or workplace.

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your new recessed lights. Please read it thoroughly before beginning installation and retain it for future reference.

PRODUCT FEATURES

- **5 Color Switchable:** Easily select from 5 color temperatures (3000K, 3500K, 4000K, 4500K, 5000K) to match your desired ambiance.
- **Smooth Dimmable:** Experience flicker-free dimming from 100% down to 5% with compatible dimmers.
- **Trustworthiness:** IC rated, ETL listed, and UL-certified wire terminals ensure safety and compliance. Approved for direct contact with insulation.
- **High Brightness and Energy Saving:** Utilizes high-brightness LEDs and PMMA light guide plates for uniform, long-lasting illumination without dimming or yellowing over time.
- **Easy Installation:** Ultra-thin 0.98-inch design fits various ceilings and joists without the need for a traditional can. Includes a junction box and wire nuts.



Image: The 5 color temperature options (2700K, 3000K, 3500K, 4000K, 5000K) are displayed, illustrating how they can be selected to create different lighting ambiances in a room.



Image: The smooth dimming capability from 5% to 100% is highlighted, showing the light's adaptability for various brightness levels.

WHAT'S IN THE BOX

Each package of Cycevsun 6 Inch LED Recessed Lights includes the following components:

- LED Recessed Light Fixtures (Quantity as per pack size)
- Junction Box (Integrated with each light)
- Wire Nuts
- Cut Hole Template
- Mounting Hardware



Image: A visual representation of the recessed light fixture, its integrated junction box, and the included accessories like wire nuts.

SETUP & INSTALLATION

Please ensure power is turned off at the circuit breaker before beginning installation. Consult a qualified electrician if you are unsure about any steps.

Required Tools (Not Included):

- Hole Saw (6.2-6.5 inches recommended)
- Measuring Tape
- Pencil
- Wire Strippers
- Screwdriver

Installation Steps:

1. **Cut a Hole:** Use the provided cut hole template to mark the desired location on your ceiling. Using a 6.2-6.5 inch hole saw, carefully cut the opening. Ensure there are no obstructions (like joists) in the ceiling space.
2. **Prepare Wiring:** Open the junction box cover. Remove the appropriate knockout for your electrical wiring. Feed the electrical supply wires (Live, Neutral, Ground) into the junction box.
3. **Connect Wires:** Using the included wire nuts, connect the house wiring to the corresponding wires in the junction box (Black to Black, White to White, Green/Bare to Green/Bare). Secure all connections.
4. **Connect Light to Driver:** Connect the male connector from the recessed light fixture to the female connector extending from the junction box. Ensure a secure connection.
5. **Mount the Light:** Gently push the junction box into the ceiling hole. Then, push the recessed light fixture into the hole. The spring-loaded clips on the sides of the light will automatically secure it to the ceiling.

Easy Installation



No Can Needed



J-Box Included



IC Rated

Cut hole size 6.2-6.5 inch



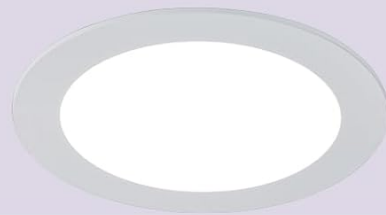
1. Cut a hole



2. Connect the wires



3. Connect the light to the driver

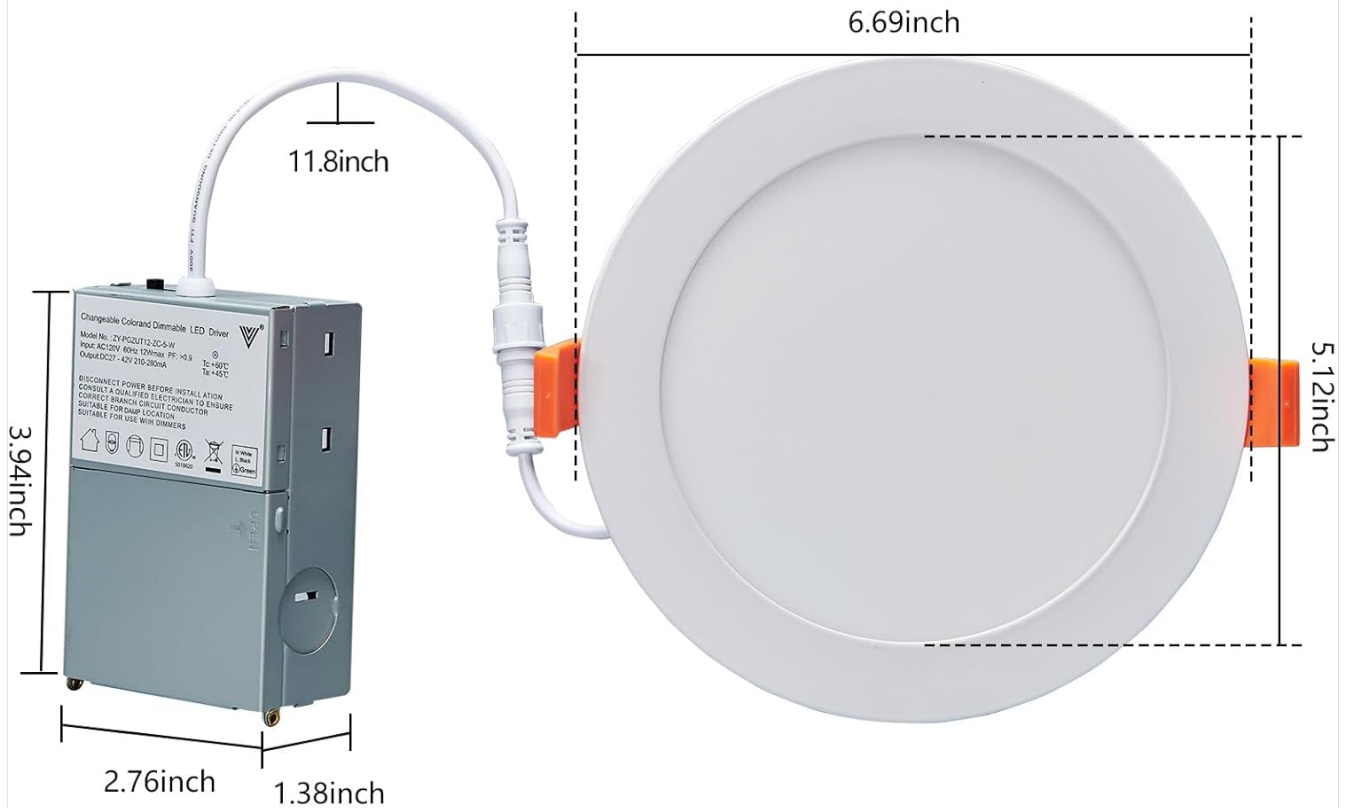


4. Mount the light

Image: A four-step visual guide demonstrating the installation process: cutting a hole, connecting wires, connecting the light to the driver, and mounting the light.

FEATURES

Perfect for locations where height clearance is limited



6 Inch



12W



1050 Lumens



120V

Image: Detailed dimensions of the 6-inch recessed light and its accompanying junction box, including height and width measurements.

Video: An official product video from CycevSun Lighting demonstrating the features and easy installation process of the Dimmable Canless LED Recessed Light, including color temperature selection and dimming capabilities.

OPERATING INSTRUCTIONS

Color Temperature Selection:

Before installation, locate the color temperature switch on the side of the junction box. Slide the switch to select your desired color temperature (3000K, 3500K, 4000K, 4500K, or 5000K). This setting is fixed once installed unless the light is removed to access the switch.



Image: A close-up of the junction box showing the physical switch used to select between 3000K, 4000K, and 5000K color temperatures before installation.

Dimming Functionality:

These recessed lights are designed to be smoothly dimmable from 100% down to 5% when connected to a compatible LED dimmer switch. Ensure your dimmer switch is compatible with LED lighting to prevent flickering or buzzing.

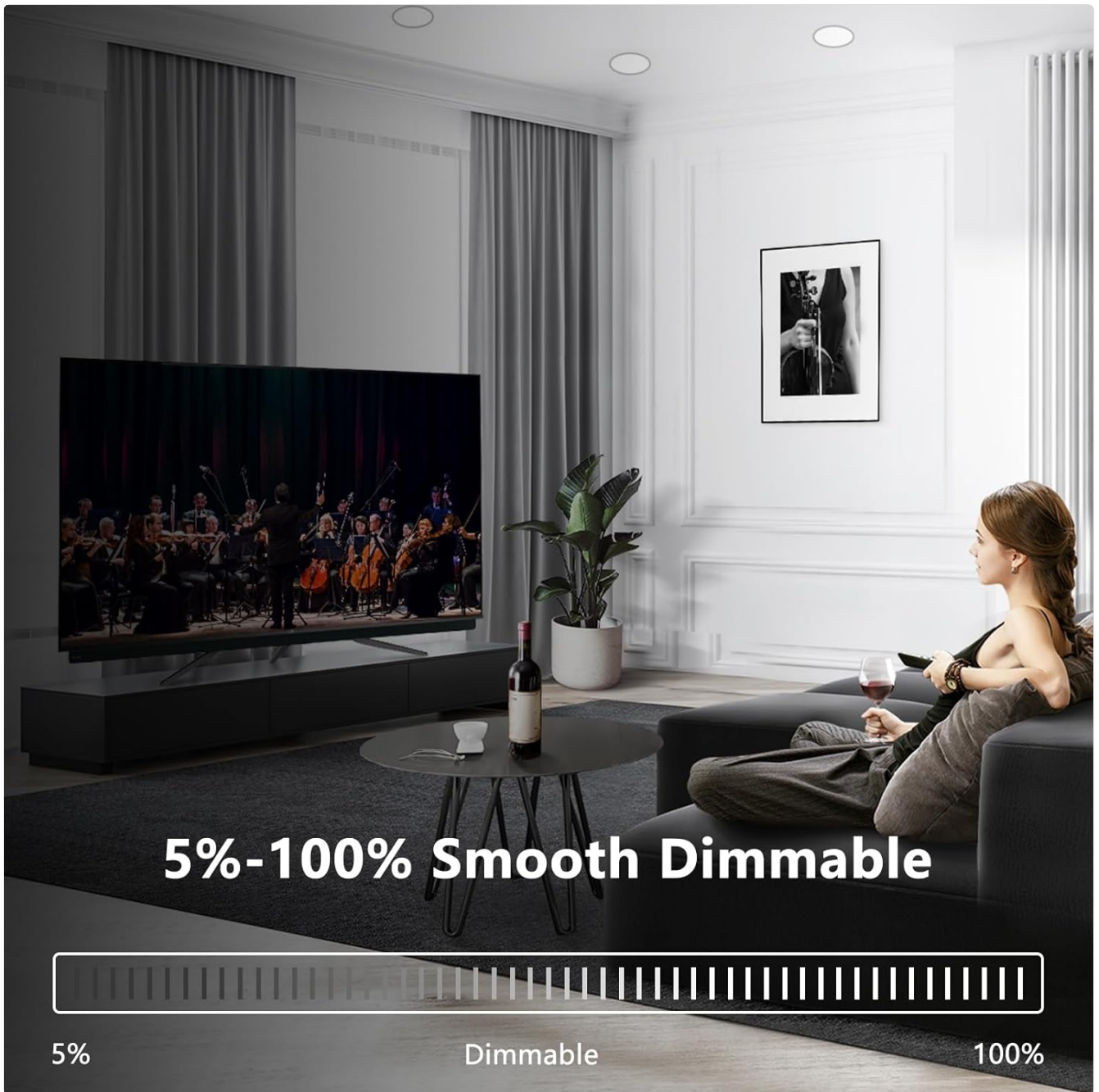


Image: A visual representation of the dimming range, indicating smooth adjustment from 5% to 100% brightness.

Compatible Dimmers:

For optimal performance, use recommended dimmer models. Refer to the table below for a list of compatible dimmers:

Brand	Model of Dimmers
Leviton	6683-IW, 6674, 66EV, 6613-P, DDE06
Lutron	MACL-153M, SELV-3039P, DVSCSEL-300P, CTCL-153P, DVCL-153P

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Compatible Dimmers

Image: A visual list of compatible dimmer models from Leviton and Lutron, ensuring proper functionality with the recessed lights.

MAINTENANCE

CycevSun LED Recessed Lights are designed for long-lasting performance with minimal maintenance. Follow these guidelines to ensure optimal operation:

- **Cleaning:** Ensure power is off before cleaning. Wipe the light fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The average lifespan of the LEDs is 30,000 hours.
- **Inspection:** Periodically check for any loose connections or visible damage. If any issues are found, consult a qualified electrician.

TROUBLESHOOTING

If you encounter issues with your CycevSun LED Recessed Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power, loose wiring, faulty connection	Check circuit breaker. Ensure all wire connections are secure. Verify light is properly connected to the junction box.
Light flickers or buzzes	Incompatible dimmer, loose wiring	Ensure you are using a compatible LED dimmer (refer to 'Compatible Dimmers' section). Check all wire connections for tightness.
Light is too dim or too bright	Dimmer setting, incorrect color temperature	Adjust your dimmer switch. If the color temperature is not as desired, you may need to remove the light to access the switch on the junction box.

Problem	Possible Cause	Solution
Inconsistent light output	Power fluctuations, faulty unit	Ensure stable power supply. If problem persists, contact customer support.

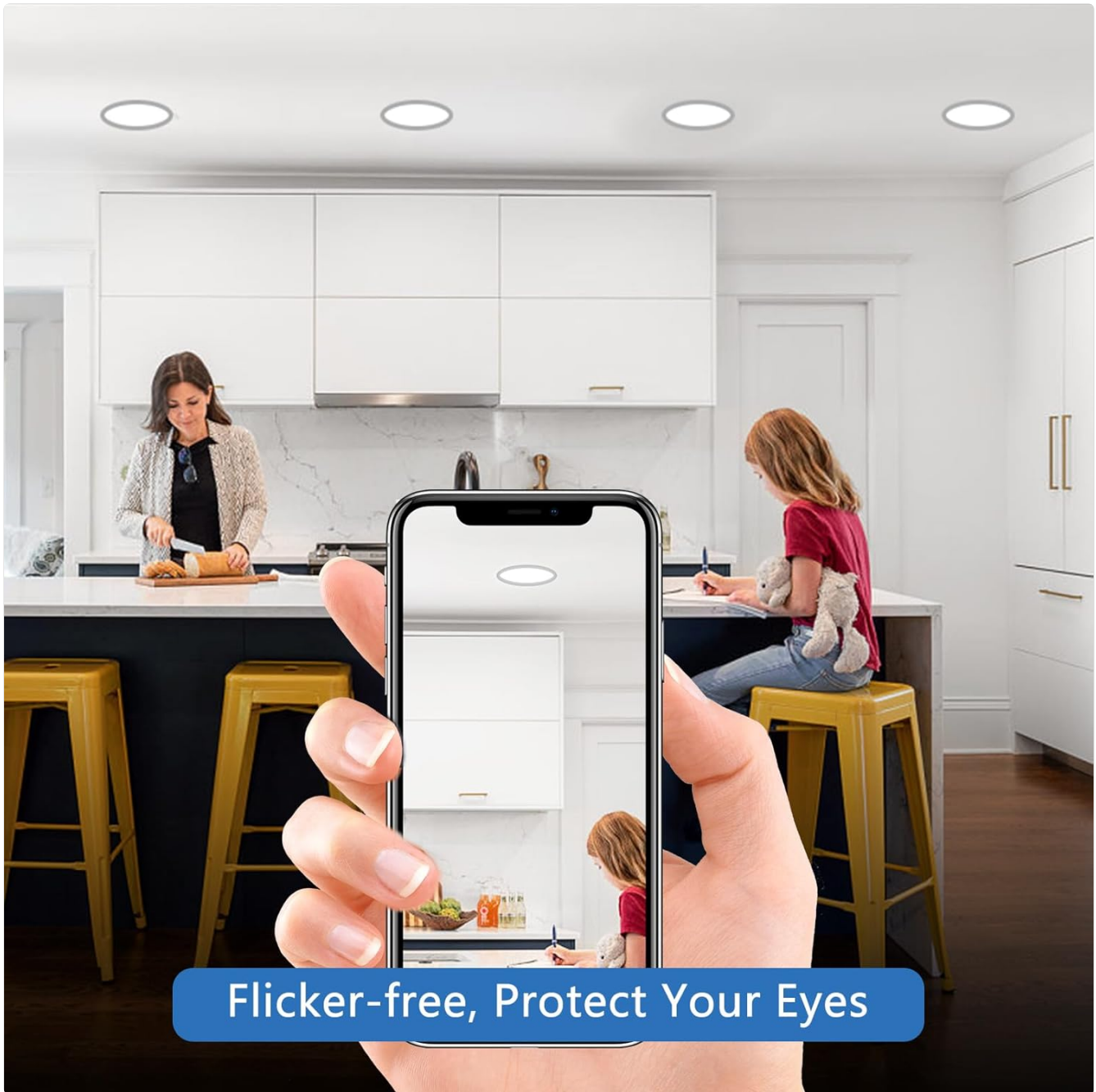


Image: A visual demonstrating the flicker-free performance of the recessed lights, ensuring eye comfort.

SPECIFICATIONS

Specification	Detail
Brand	CycevSun
Model Name	6 Inch LED Recessed Light

Specification	Detail
Model Number	MI-W6IN-12P
Color	White
Material	Aluminum, Acrylic
Product Dimensions	6.85"L x 6.85"W x 0.98"H
Item Weight	1.6 Pounds
Power Source	AC
Voltage	120 Volts
Wattage	12 Watts
Brightness	1200 Lumens
Efficiency	100 lumens per watt
Color Temperature	3000K, 4000K, 5000K Selectable
Color Rendering Index (CRI)	80.00
Average Life	30,000 Hours
Special Features	IC Rated, Wet Rated, Air Tight, Energy Efficient, Adjustable Color Temperature, Dimmable, Easy to install without a can
Installation Type	Recessed
Indoor/Outdoor Usage	Indoor
Specification Met	FCC, ETL

WARRANTY & SUPPORT

CycevSun LED Recessed Lights come with a limited warranty. For specific warranty terms and conditions, please refer to the product packaging or contact CycevSun customer support directly.

If you have any questions, require technical assistance, or need to report an issue not covered in the troubleshooting section, please contact CycevSun customer support through their official channels. Contact information can typically be found on the product packaging or the brand's official website.

