

CycevSun MI-B12P6IN12W

CycevSun 6-Inch Black Dimmable LED Recessed Lights (12-Pack)

User Manual for Model: MI-B12P6IN12W

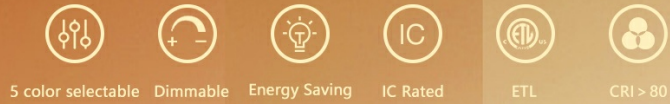
1. PRODUCT OVERVIEW

The CycevSun 6-inch black dimmable LED recessed lights are designed for various indoor applications, including soffits, kitchens, bedrooms, bathrooms, living rooms, hallways, and porches. These canless wafer pot lights feature 5 selectable color temperatures, smooth dimming capabilities, and are IC-rated for safe installation near insulation.

Key Features:

- **5 Color Temperature Selectable:** A simple switch on the back allows you to preset your preferred light color temperature: 2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4000K (Cool White), or 5000K (Daylight).
- **Smooth Dimmable:** Utilizes advanced dimming chips for smooth 100%-5% dimming without flicker or buzzing.
- **Trustworthiness:** IC-rated, ETL certified, and UL-certified wire terminals ensure safe contact with ceiling insulation.
- **High Brightness and Energy Saving:** High-brightness LEDs and PMMA light guide plate provide uniform, flicker-free light that maintains quality over time.
- **Easy Installation:** Ultra-thin 0.98-inch design fits various ceilings and joists. Includes snap-in bushings for knockouts and wire nuts.

5CCT Ultra Thin LED Recessed Light



The CycevSun recessed lights offer 5 color temperature options to suit various preferences and room ambiances.



These lights provide smooth dimming from 100% down to 5% for adjustable brightness.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse box or circuit breaker before installation or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Use only with 120V AC, 60Hz circuits.
- Do not open the fixture or junction box. There are no user-serviceable parts inside.
- Suitable for indoor use only.
- Ensure all electrical connections are secure and correct to avoid fire or electric shock.
- The fixture is IC-rated, allowing direct contact with insulation.

3. WHAT'S IN THE BOX

Your package should contain the following items:

- LED Recessed Lights (12 units)
- Junction Boxes (12 units)
- Wire Nuts
- Snap-In Bushings for Knockouts
- Cut Hole Template

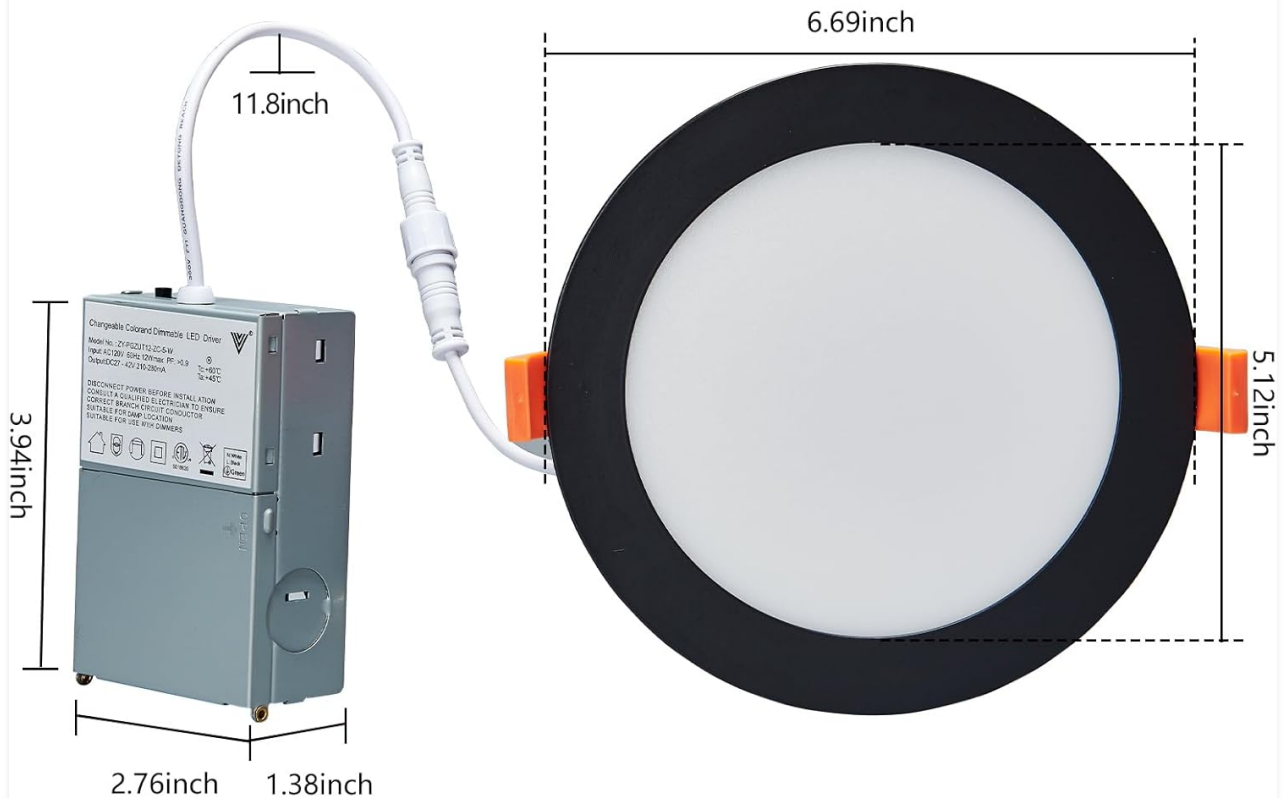
4. SPECIFICATIONS


Feature	Specification
Brand	CycevSun
Model Number	MI-B12P6IN12W
Color	Black
Material	Acrylic, Aluminum
Style	Modern
Light Fixture Form	Recessed
Room Type	Soffit, Kitchen, Bedroom, Bathroom, Living Room, Hallway, Porch
Indoor Outdoor Usage	Indoor use only
Power Source	AC
Special Features	Adjustable Color Temperature, Dimmable, Energy Efficient, Flicker Free, IC Rated & Wet Rated
Light Source	LED
Voltage	120 Volts
Light Color Options	2700K, 3000K, 3500K, 4000K, 5000K
Wattage	12 watts
Brightness	1050 Lumens
Efficiency	87.5 lumens/watt
Mounting Type	Recessed

Feature	Specification
Item Dimensions (L x W x H)	6.85"L x 6.85"W x 0.94"H
Certifications	IC Rated, ETL, UL-certified wire terminal


FEATURES

Perfect for locations where height clearance is limited







6 Inch



12W



1050 Lumens



120V

Dimensions and electrical specifications for the CycevSun 6-inch recessed light.

5. INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of your CycevSun recessed lights. Ensure power is disconnected before beginning.

5.1 Pre-Installation

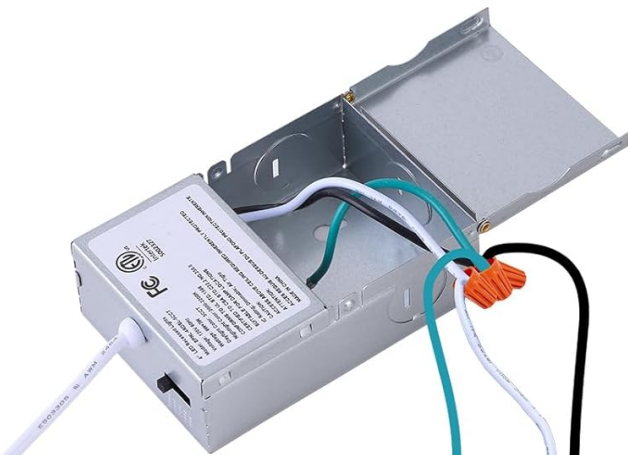
- Turn off power at the circuit breaker or fuse box.

- Use the provided cut-hole template to mark the desired location on the ceiling. The recommended cut-hole size is 6.2-6.5 inches.
- Cut the hole in the ceiling using a suitable tool.
- Select your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) using the switch on the side of the junction box before installation.



Durable aluminum housing
better heat dissipation.

Strong Snap Spring
Sponge gasket for better sealing.



Junction Box
Slim box but large wiring space.

Components of the recessed light, including the durable aluminum housing, snap springs, foam gasket, and junction box.

5.2 Wiring

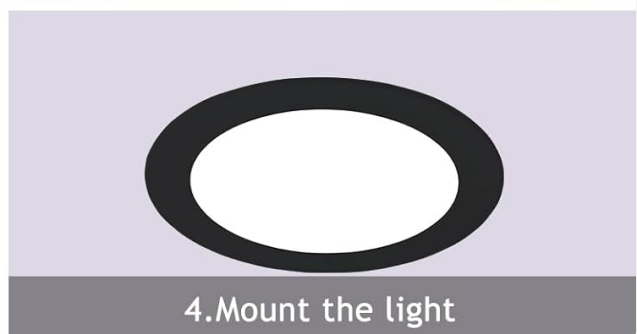
1. Open the junction box cover.
2. Remove the appropriate knockout(s) for your wiring.
3. Insert the electrical supply cable into the junction box and secure it with the provided snap-in bushing.
4. Connect the wires: Connect the black wire from the supply to the black wire in the junction box, the white wire from the supply to the white wire in the junction box, and the ground wire from the supply to the green wire in the junction box. Use the included wire nuts to secure connections.
5. Close the junction box cover and ensure it is securely fastened.

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Video demonstrating the wiring process for the CycevSun recessed lights. This includes connecting the electrical supply wires to the junction box using wire nuts.

5.3 Mounting

1. Connect the male and female connectors between the recessed light fixture and the junction box. Ensure a tight connection.
2. Push the junction box up through the ceiling hole.
3. Push the spring clips on the light fixture upwards and insert the fixture into the ceiling hole. The clips will hold the fixture securely in place.
4. Ensure the fixture is flush with the ceiling.



Step-by-step visual guide for installing the recessed light.

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Video demonstrating the full installation process, from wiring to mounting the light fixture into the ceiling.

5.4 Recommended Spacing

For optimal general lighting with 6-inch lights, a spacing of 5-7 feet between fixtures is recommended.



12 PACK

6 INCH

Recommended spacing for 6-inch recessed lights to achieve balanced illumination.

6. OPERATING INSTRUCTIONS

6.1 Color Temperature Selection (5CCT)

The color temperature can be selected prior to installation using the switch located on the side of the junction box. Choose from 2700K, 3000K, 3500K, 4000K, or 5000K to match your desired ambiance.

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Video demonstrating how to select the color temperature using the switch on the junction box.

6.2 Dimming Function

These recessed lights are designed to be smoothly dimmable from 100% down to 5% brightness. To utilize the dimming feature, connect the lights to a compatible LED dimmer switch (not included).

Compatible Dimmers:

For optimal performance, use with the following recommended dimmer models:

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

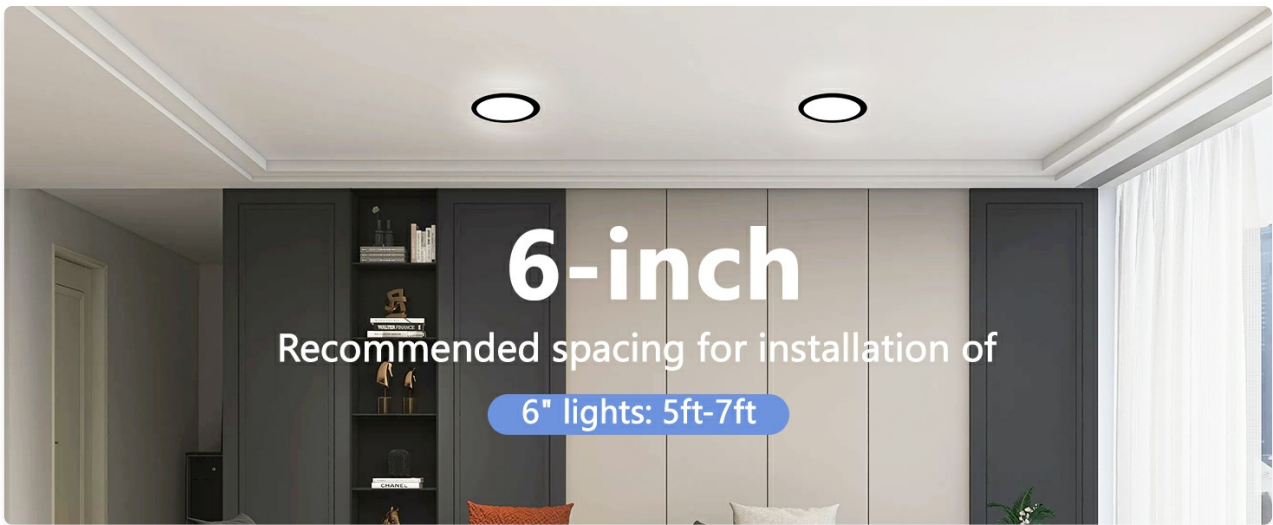


Table of recommended dimmer models for use with CycevSun recessed lights.

7. MAINTENANCE

These LED recessed lights require minimal maintenance.

- Ensure power is off before cleaning.
- Clean the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Do not attempt to replace the LED components, as they are integrated and not user-serviceable.

8. TROUBLESHOOTING

If you encounter issues with your recessed lights, refer to the following common troubleshooting steps:

- **Light does not turn on:**
 - Check if the power supply is connected correctly.
 - Verify that the circuit breaker is on.
 - Ensure all wire connections are secure.
 - Confirm the light fixture is properly connected to the junction box.
- **Light flickers or buzzes:**
 - Ensure you are using a compatible LED dimmer switch.
 - Check for loose wiring connections.

- **Incorrect color temperature:**

- Verify the 5CCT selection switch on the junction box is set to your desired color temperature. This switch should be set before installation.

If problems persist after following these steps, please contact CycevSun customer support.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This CycevSun product is covered by a **3-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by improper installation, misuse, abuse, accidents, or unauthorized modifications.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your CycevSun recessed lights, please contact our customer support team. Refer to your purchase documentation for contact details or visit the official CycevSun website.