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YGS-Tech B07PM4DVMN

YGS-Tech 2 Inch Dimmable LED Recessed Downlight Instruction Manual

Model: B07PM4DVMN

Introduction

Thank you for choosing the YGS-Tech 2 Inch Dimmable LED Recessed Downlight. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting product. Please read these instructions thoroughly before installation and retain them for future reference.

Safety Information

- Always turn off the power at the circuit breaker before beginning installation, maintenance, or cleaning.
- Consult a qualified electrician if you are unsure about the installation process.
- Do not modify the product in any way, as this may void the warranty and create safety hazards.
- Ensure all electrical connections are secure and comply with local electrical codes.
- This product is designed for indoor use only and is not water-resistant.
- The LED driver size is 2.5 × 1.2 × 0.8 inches. Ensure adequate space for proper placement and ventilation.

Package Contents

Verify that all components are present before installation:

- 4 x 3W Dimmable LED Ceiling Lights

Specifications

Feature	Specification
Brand	YGS-Tech
Model Number	B07PM4DVMN
Color Temperature	2700K (Ultra Warm White)
Wattage	3 Watts (35W Halogen Equivalent)

Lumen Output	250 lumens
Color Rendering Index (CRI)	CRI80+
Voltage	110 volts
Material	Aviation-grade aluminum and ABS plastic
Cutout Opening Size	2.16 – 2.5 inches
Fixture Dimensions (L x W x H)	2.75"L x 2.75"W x 1.37"H
Dimmable	Yes, with compatible LED dimmers
Lifespan	Over 40,000 hours
Indoor/Outdoor Use	Indoor
Water Resistance Level	Not Water Resistant

Setup and Installation

Follow these steps for proper installation of your recessed downlights. Ensure power is OFF at the circuit breaker before starting.

1. **Prepare the Ceiling:** Dig a hole of a suitable size in the ceiling. The recommended cutout opening is between 2.16 and 2.5 inches.
2. **Connect Wiring:** Connect the wires from the LED driver to your household electrical wiring. The product includes a dimmable LED driver. Ensure the 'L' (Brown) and 'N' (Blue) wires are connected correctly. Insert the wire leads into the connecting clips, ensuring no bare wire is exposed outside the clips.
3. **Secure the Downlight:** Push the spring clips on the sides of the downlight upwards and insert the fixture into the cutout hole. The spring clips will hold the downlight securely in place.
4. **Final Check:** Once the downlight is fixed, restore power at the circuit breaker and test the light.

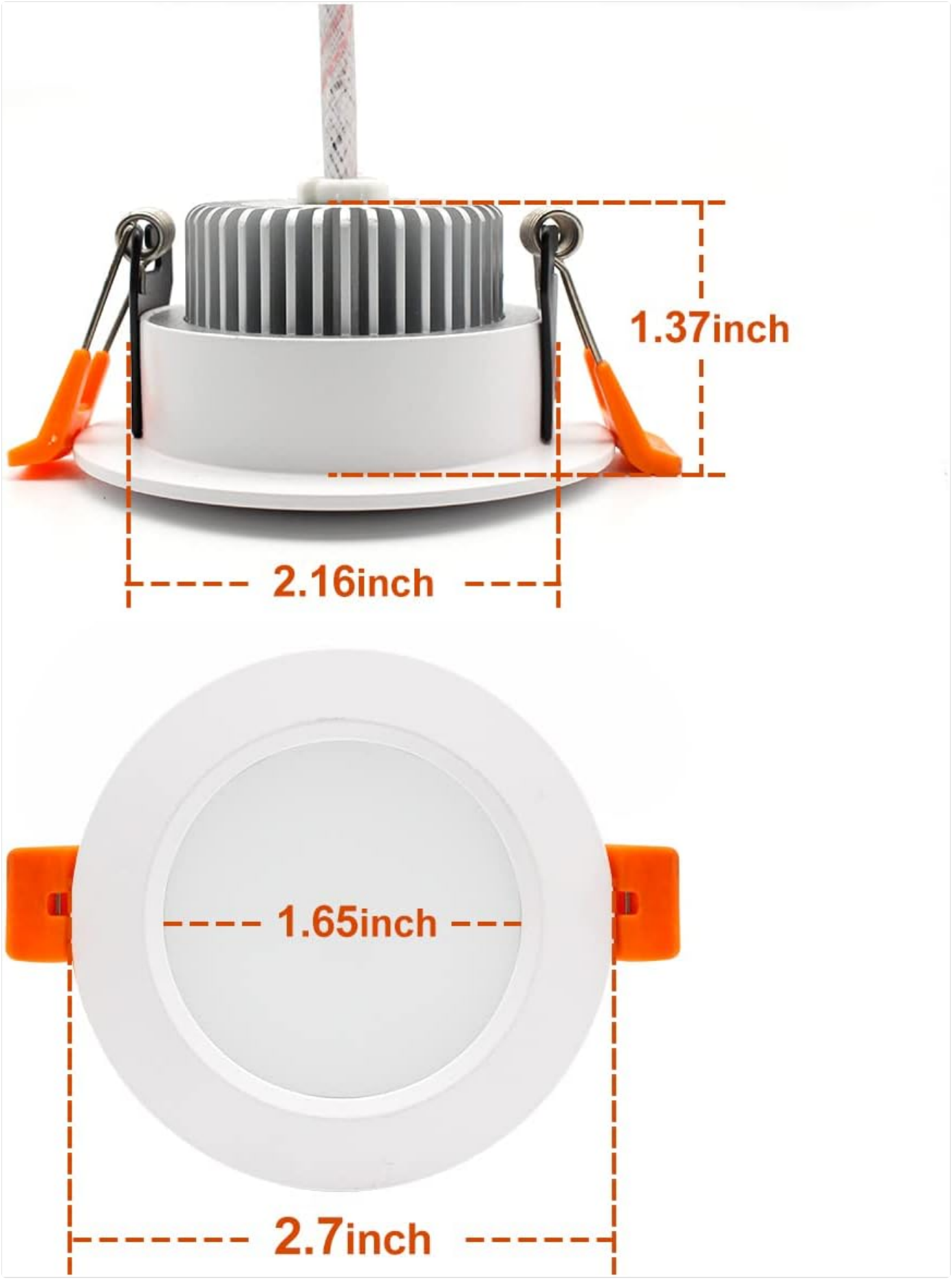


Image: Required cut hole dimensions for installation.

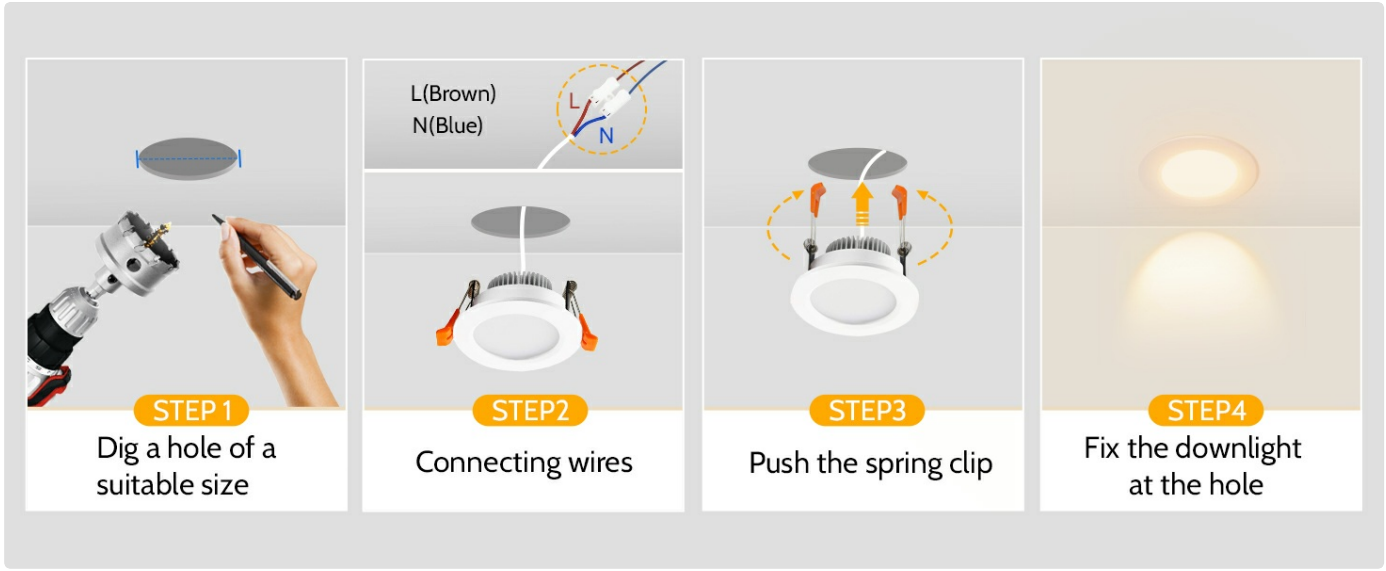


Image: Step-by-step installation guide.

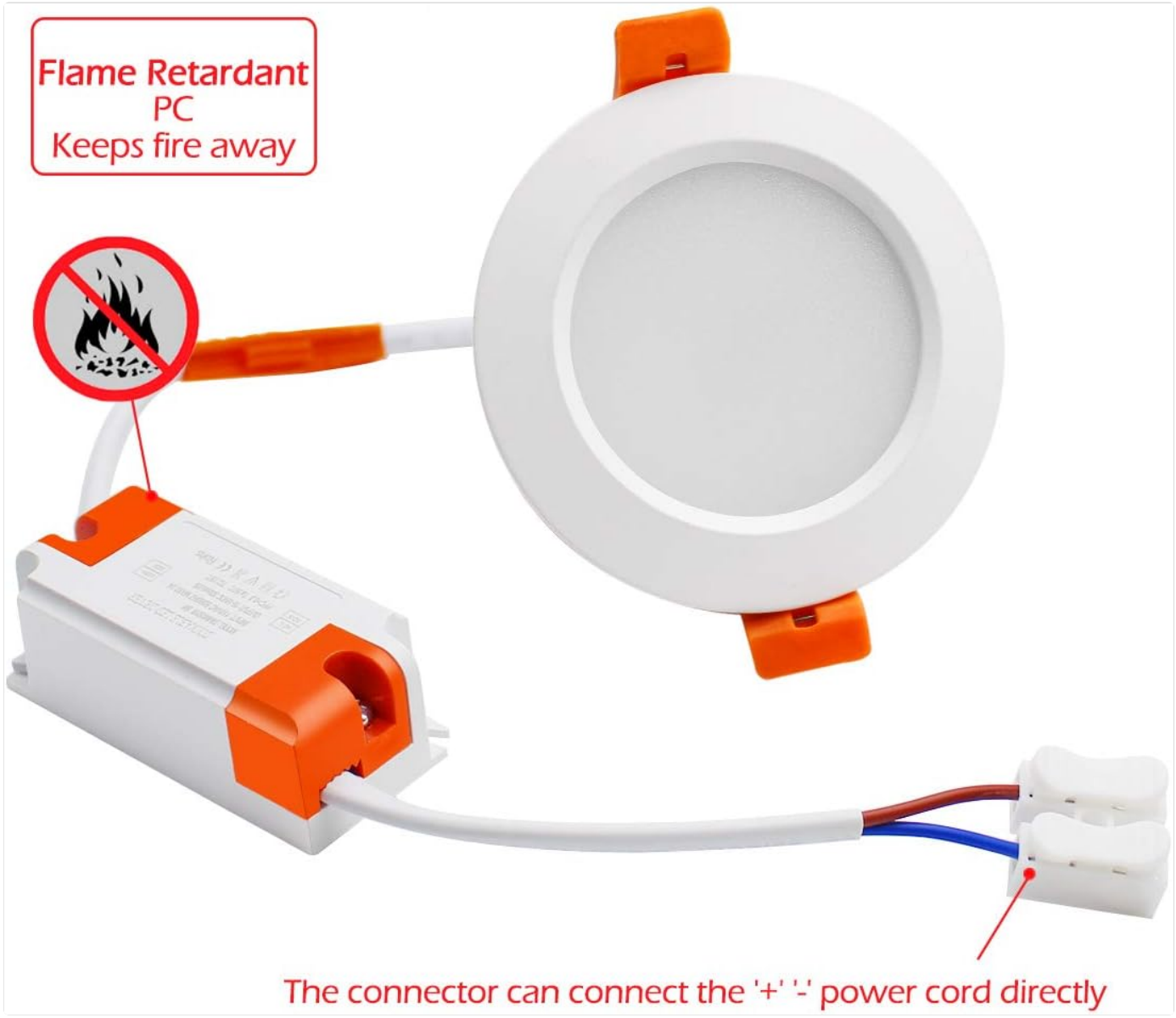


Image: Wiring diagram for the LED downlight.

Video: This video demonstrates the wiring and installation process for the YGS-Tech LED recessed downlights, showing how to connect the driver and secure the light in the ceiling.

Video: This video provides a visual guide to installing the LED downlight, including connecting the power and mounting the fixture.

Operating Instructions

The YGS-Tech 2 Inch LED Recessed Downlight is designed for simple operation.

- **Power On/Off:** Control the light using a standard wall switch connected to the circuit.
- **Dimming Function:** This downlight is dimmable. To adjust brightness, use a compatible LED dimmer switch (not included) installed in your electrical system. The light supports smooth brightness adjustment from 5% to 100%.



Image: Illustration of the dimmable feature, allowing brightness customization from 5% to 100%.



Image: Components of the LED downlight, emphasizing light quality and heat management.



Image: Comparison of color rendering with CRI < 80 vs. CRI > 80.

Maintenance

The YGS-Tech LED Recessed Downlight requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the light fixture with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The product has a lifespan of over 40,000 hours.

Troubleshooting

If you encounter issues with your LED recessed downlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty switch	Check circuit breaker; Verify all wire connections are secure; Test the switch.
Light flickers	Incompatible dimmer switch; Loose wiring	Ensure you are using an LED-compatible dimmer; Check and secure all wiring connections.
Light is too dim or too bright	Dimmer setting; Incompatible dimmer	Adjust the dimmer switch; Ensure the dimmer is compatible with LED lights.

If the problem persists after attempting these solutions, please contact customer support.

Warranty and Support

This YGS-Tech product comes with a **2-year limited manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or any questions regarding your product, please contact YGS-Tech customer service through the retailer where the product was purchased or visit the official YGS-Tech website for contact information.

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