hykolity RCLR13-3CT-B

hykolity 12-Inch Selectable CCT LED Round Flat Panel Light User Manual

Model: RCLR13-3CT-B

1. Introduction

Thank you for choosing the hykolity 12-Inch Selectable CCT LED Round Flat Panel Light. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions thoroughly before installation and retain them for future reference.

This LED flat panel light features a 12-inch round design, 24W power consumption, and offers selectable color temperatures (3000K, 4000K, 5000K) to suit various environments. Its edge-lit, flush mount design is suitable for kitchens, bedrooms, closet rooms, and other indoor spaces.



Figure 1: hykolity 12-Inch LED Round Flat Panel Light in a living room setting.

2. Safety Information

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.

- Read all instructions carefully before attempting to install or operate this fixture.
- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. If you are unfamiliar with proper electrical wiring connections, consult a qualified electrician.
- Do not install this fixture with wet hands or while standing on a wet or damp surface.
- Ensure the fixture is securely mounted to a structurally sound surface.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- This fixture is designed for indoor use only. Do not expose to water or moisture.

3. Package Contents

Verify that all components are present before beginning installation:

- LED Round Flat Panel Light Fixture
- Mounting Bracket
- Wire Nuts / Connectors
- Screws (for mounting)
- Instruction Manual (this document)

4. Product Features

- **Selectable Color Temperature (CCT):** Choose between 3000K (Warm White), 4000K (Neutral White), and 5000K (Cool White).
- **Slim Design:** Ultra-thin profile, only 0.94 inches thick, for a flush appearance.
- **High Brightness:** Provides up to 2160 lumens of illumination.
- **Eye-Caring:** Designed to minimize flicker and provide comfortable lighting.
- **High CRI:** Color Rendering Index (CRI) of 80+ ensures accurate color representation.
- **Dustproof:** Sealed design helps prevent dust accumulation inside the fixture.

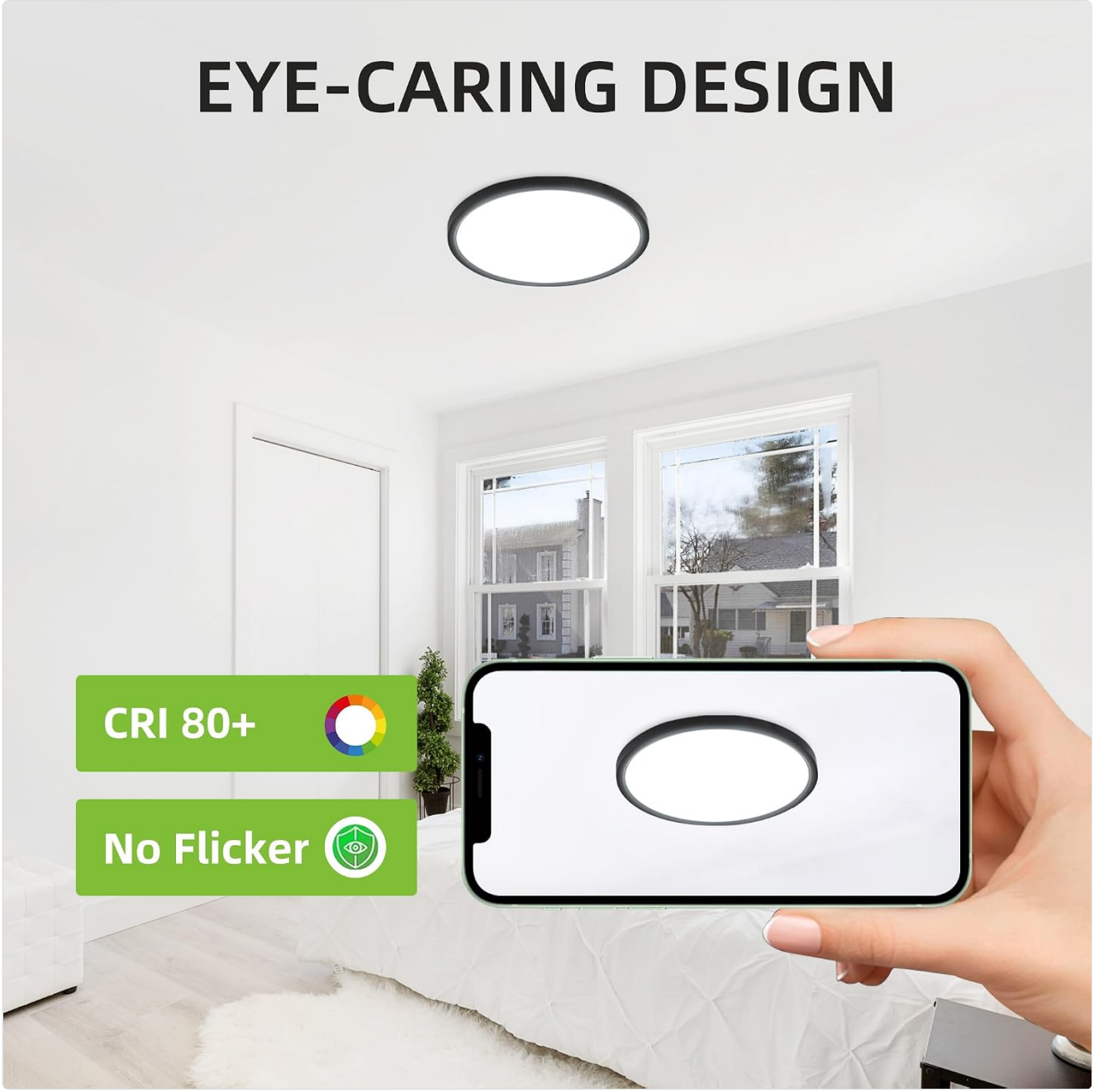


Figure 2: Eye-Caring Design with CRI 80+ and No Flicker.



Figure 3: Ultra-Slim Design (0.94 inches).



Figure 4: Wide Application in various indoor settings.

5. Installation Instructions

Before You Begin: Ensure power is disconnected at the circuit breaker or fuse box. Use appropriate safety gear, including safety glasses.

1. **Rotate and Remove the Base:** Gently twist the light fixture counter-clockwise to detach it from its mounting base.
2. **Fix Bracket:** Secure the mounting bracket to the ceiling junction box using the provided screws. Ensure it is firmly attached.
3. **Connect Wires:** Connect the electrical wires from the ceiling to the fixture's wiring port using wire nuts. Connect the live (black) wire to the live wire, the neutral (white) wire to the neutral wire, and the ground (green/bare copper) wire to the ground wire.
4. **Install Fixture:** Align the light fixture with the mounting base and rotate it clockwise until it locks securely into place.



Figure 5: Step-by-step installation guide.

6. Operating Instructions

This fixture features a selectable color temperature (CCT) switch located on the back of the light fixture. You must select your desired CCT before final installation.

1. Before mounting the fixture, locate the small switch on the back of the light panel.
2. Slide the switch to select your preferred color temperature: 3000K (Warm White), 4000K (Neutral White), or 5000K (Cool White).
3. Once the CCT is selected, proceed with the installation steps outlined in Section 5.
4. After installation, restore power to the circuit. The light will illuminate at the selected color temperature.



Figure 6: CCT Selection Switch on the back of the fixture.

7. Maintenance

To ensure the longevity and optimal performance of your LED light fixture, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these can damage the finish or electrical components.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to open or repair the fixture.

8. Troubleshooting

If you experience issues with your light fixture, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on.	◦ No power to the fixture. ◦ Loose wire connections. ◦ Faulty wall switch.	◦ Check circuit breaker/fuse. ◦ Ensure all wire connections are secure (with power off). ◦ Test the wall switch or replace if necessary.
Light flickers.	◦ Loose wire connections. ◦ Incompatible dimmer switch (if applicable).	◦ Check all wire connections (with power off). ◦ Ensure a compatible LED dimmer switch is used, or remove the dimmer.
Incorrect color temperature.	◦ CCT switch set incorrectly.	◦ Disconnect power, remove fixture, and adjust the CCT switch on the back of the fixture.

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

9. Specifications

Attribute	Value
Model Number	RCLR13-3CT-B
Dimensions (L x W x H)	30 x 30 x 2.39 cm (approx. 11.81 x 11.81 x 0.94 inches)
Weight	1.47 kilograms (approx. 3.24 lbs)
Wattage	24 Watts
Voltage	120 Volts
Color Temperature (CCT)	3000K / 4000K / 5000K (Selectable)
Lumen Output	2160 Lumens (approximate)
Color Rendering Index (CRI)	80+
Number of Light Sources	2 (LEDs)
UPC	797241717087

10. Warranty and Support

Specific warranty information for this product was not provided in the available data. For details regarding warranty coverage, terms, and conditions, please refer to the product packaging or contact hykolity customer support directly.

If you have any questions, require technical assistance, or need to report a problem, please contact hykolity customer service through their official website or the retailer where the product was purchased.

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