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> Utilitech 6-inch Color Changing Dimmable LED Recessed Downlight (Model MQTL1121A-L14K9027) Instruction Manual

Utilitech MQTL1121A-L14K9027

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Model: MQTL1121A-L14K9027

INTRODUCTION

Welcome and thank you for choosing the Utilitech 6-inch Color Changing Dimmable LED Recessed Downlight. 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.

IMPORTANT SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury to persons, please observe the following:

- Always turn off the power at the circuit breaker or fuse box before beginning installation or performing any maintenance.
- Consult a qualified electrician if you are unsure about the installation process.
- This product is suitable for **wet locations**, making it ideal for indoor and outdoor applications.
- The fixture is **IC rated**, meaning it is safe to install in direct contact with insulation.
- Do not alter or modify the fixture in any way.
- Ensure all electrical connections are secure and comply with local electrical codes.

PRODUCT OVERVIEW

The Utilitech 6-inch LED Recessed Downlight is designed for easy installation and provides versatile lighting options. Key features include:

- **Slim Design:** Allows for easy installation from below the ceiling without the need for a separate housing.
- **Color Changing:** Offers 5 selectable color temperatures (2700K, 3000K, 4000K, 5000K, 6500K) to suit various preferences and environments.
- **Dimmable:** Compatible with most standard dimmers for adjustable light intensity.
- **High Brightness:** Provides 850 lumens, equivalent to an 85-watt incandescent bulb.
- **Long Lifespan:** Designed for 35,000 hours of maintenance-free operation.
- **High CRI:** 90 Color Rendering Index ensures accurate color representation of objects.



Image: A pack of Utilitech 6-inch Color Changing Dimmable LED Recessed Downlights, showing the product in its retail packaging. The lights are round, white, and designed for canless installation.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 6 x Utilitech 6-inch LED Recessed Downlight Fixtures
- 6 x Junction Boxes/Connectors
- 1 x Instruction Manual

INSTALLATION INSTRUCTIONS

Before You Begin

- Ensure the power supply to the installation area is turned OFF at the circuit breaker.
- Gather necessary tools: measuring tape, pencil, drywall saw, wire strippers, screwdriver.
- Confirm the ceiling material is suitable for recessed lighting installation.

Step-by-Step Installation

1. **Prepare the Opening:** Using a template (often included with the fixture or found on the packaging), mark the desired location on the ceiling. Cut a circular hole approximately **6.1 inches (15.49 cm)** in diameter.
2. **Wiring:** Open the junction box cover. Remove the appropriate knockout(s) and connect the electrical supply wires (live, neutral, ground) to the corresponding wires inside the junction box using wire nuts. Ensure all connections are secure.
3. **Secure Junction Box:** Place the junction box through the cut-out hole in the ceiling.
4. **Connect Fixture:** Connect the male connector from the LED downlight to the female connector from the junction box. Ensure a tight connection.
5. **Insert Fixture:** Gently push the spring clips on the sides of the downlight upwards and insert the fixture into the ceiling

- opening. The clips will automatically secure the fixture against the ceiling.
6. **Restore Power:** Turn the power back ON at the circuit breaker.

OPERATING INSTRUCTIONS

Your Utilitech LED Recessed Downlight offers versatile lighting control:

- Color Temperature Selection:** The fixture features 5 selectable color temperatures: 2700K (Warm White), 3000K (Soft White), 4000K (Cool White), 5000K (Daylight), and 6500K (Bright White). The method for selecting these temperatures is typically via a switch on the fixture itself or through an associated control device (e.g., remote or app, if applicable). Refer to the specific control device's instructions for detailed operation.
- Dimming:** This downlight is dimmable. Use a compatible LED dimmer switch (sold separately) to adjust the brightness level to your preference.
- Control Method:** The product supports control via an app and/or remote control. Specific instructions for pairing and using these control methods would be provided with the respective accessory.

MAINTENANCE

The Utilitech LED Recessed Downlight is designed for 35,000 hours of maintenance-free operation. No bulb replacement is necessary.

- Cleaning:** To clean the fixture, ensure the power is turned off. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, turn off the power and consult a qualified electrician.

TROUBLESHOOTING

If you experience issues with your downlight, refer to the following table:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; loose wiring; faulty switch.	Check circuit breaker. Ensure all wire connections are secure. Test the switch.
Light flickers.	Incompatible dimmer switch; loose wiring; voltage fluctuations.	Ensure dimmer is LED compatible. Check wiring connections. Consult an electrician if voltage issues persist.
Incorrect color temperature.	Color temperature switch set incorrectly.	Adjust the color temperature switch on the fixture or via the control device.

SPECIFICATIONS

Brand	Utilitech
Model Number	MQTL1121A-L14K9027
Size	6 Inches
Wattage	14 Watts (85-Watt incandescent equivalent)

Brightness	850 Lumens
Color Temperatures	2700K, 3000K, 4000K, 5000K, 6500K (Selectable)
Lifespan	35,000 Hours
CRI	90
Installation Type	Canless, Flush Mount, Recessed
IC Rated	Yes (Safe for direct contact with insulation)
Wet Location Rated	Yes (Suitable for indoor and outdoor use)
Opening Size Required	6.1 inches (15.49 cm)
Power Source	Corded Electric
Control Method	App, Remote Control (accessories sold separately or included with specific kits)

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Utilitech customer service. Keep your purchase receipt as proof of purchase.

Contact information for Utilitech can typically be found on their official website or on the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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