Kichler 43846WHLED6 Flush Mount LED Downlight Gen I

Kichler 43846WHLED6 Flush Mount LED Downlight Gen I User Manual

Model: 43846WHLED6

Brand: Kichler

1. Important Safety Information

Please read and understand all instructions before beginning installation. Failure to do so may result in electric shock, fire, or other injuries that could be hazardous or fatal. 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.

Electrical Safety

- **WARNING:** Risk of electric shock. Disconnect power at the circuit breaker or fuse box before installation or servicing.
- Ensure all electrical connections are made in accordance with local codes and ordinances, as well as the National Electric Code (NEC).
- Use only UL/cUL listed wire connectors.
- This fixture is dimmable. Ensure compatible dimmers are used (most standard incandescent dimmers, LED dimmers, and electronic low voltage dimmers).

2. Package Contents

Verify that all components are present before beginning installation. If any part is missing or damaged, do not attempt to assemble, install, or operate the product. Contact customer service for replacement parts.

- LED Flush Mount Downlight Fixture (x6)
- Mounting Hardware Kit
- Instruction Manual



Image: Kichler 43846WHLED6 Flush Mount LED Downlight Gen I. This image shows the complete LED flush mount downlight fixture, illustrating its compact design suitable for ceiling installation.

3. Specifications

Feature	Specification
Model Number	43846WHLED6
Brand	Kichler
Light Source	Integrated LED
Wattage	14W per fixture
Lumen Output	850 Lumens per fixture

Feature	Specification
Color Temperature	3000K
Color Rendering Index (CRI)	90 CRI
Dimmable	Yes (with compatible dimmers)
Voltage	120 Volts
Expected Life Span	40,000 Hours
Material	Alloy Steel with Polycarbonate Diffuser
Dimensions	7.5" W x 1.25" H (Base Back plate: 7.5" DIA)
Installation Type	Flush Mount
Indoor/Outdoor Usage	Indoor
Certifications	ADA Compliant

4. Setup (Installation)

Pre-Installation

1. **Turn off power:** Locate the circuit breaker or fuse box that supplies power to the light fixture location. Turn off the power completely.
2. **Prepare tools:** Gather necessary tools, which may include a screwdriver, wire strippers, electrical tape, and safety glasses.
3. **Inspect existing wiring:** Ensure the existing wiring in the junction box is in good condition and meets local electrical codes.

Mounting Instructions

1. Attach the mounting bracket (if separate) to the junction box using the provided screws. Ensure it is securely fastened.
2. Connect the electrical wires:
   - Connect the **black** (hot) wire from the fixture to the**black** (hot) wire from the junction box.
   - Connect the **white** (neutral) wire from the fixture to the**white** (neutral) wire from the junction box.
   - Connect the **green** or **bare copper** (ground) wire from the fixture to the**green** or **bare copper** (ground) wire from the junction box.

   Use UL/cUL listed wire connectors and secure with electrical tape.
3. Carefully tuck all wires into the junction box.
4. Align the fixture with the mounting bracket and secure it in place using the provided screws or twist-lock mechanism. Ensure the fixture is flush against the ceiling.



Image: Kichler 43846WHLED6 Flush Mount LED Downlight Gen I. This image displays the downlight installed, showing its low-profile design and how it integrates into a ceiling.

5. Operating Instructions

Once installation is complete and verified, restore power at the circuit breaker or fuse box.

- **Turning On/Off:** Operate the light fixture using the standard wall switch connected to the circuit.
- **Dimming Function:** If connected to a compatible dimmer switch, adjust the light output by manipulating the dimmer control. This fixture is designed to be dimmable with most standard incandescent dimmers, LED dimmers, and electronic low voltage dimmers.

6. Maintenance

The Kichler 43846WHLED6 LED Downlight is designed for long-lasting, maintenance-free operation. The integrated LED has an expected lifespan of 40,000 hours, meaning no bulb replacement is necessary.

Cleaning

- **WARNING:** Always disconnect power at the circuit breaker before cleaning.
- To clean the fixture, wipe it with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or polishes as these can damage the finish or electrical components.

7. Troubleshooting

If you experience issues with your Kichler LED Downlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wire connection. Faulty switch.	Check circuit breaker/fuse. Verify all wire connections are secure (power off first). Test the wall switch.
Light flickers or dims improperly.	Incompatible dimmer switch. Loose wire connection.	Ensure dimmer is compatible with LED fixtures. Check wire connections (power off first).
Light output is lower than expected.	Dimmer setting too low. Incorrect voltage.	Adjust dimmer to maximum setting. Verify input voltage is 120V.

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

8. Warranty and Support

Warranty Information

This Kichler product is covered by a **1-year manufacturer's limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, or unauthorized modifications.

Customer Support

For technical assistance, warranty claims, or replacement parts, please contact Kichler customer service. Please have your model number (43846WHLED6) and date of purchase available when contacting support.

Kichler Website: www.kichler.com

Phone Support: Refer to the Kichler website for current contact numbers.

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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.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question