Kichler 15743AZT

Kichler 15743AZT Accent LED Light Instruction Manual

Model: 15743AZT

Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

Introduction

This manual provides instructions for the safe installation, operation, and maintenance of your Kichler 15743AZT Accent LED Light. Please read these instructions thoroughly before installation and retain them for future reference. This 8.5W LED accent light is designed for outdoor use, providing a 60-degree wide flood of light.

Important Safety Information

WARNING: Risk of Electric Shock.

- Disconnect power at the fuse or circuit breaker before installation or servicing.
- This fixture is intended for use with a low-voltage transformer. Do not connect directly to line voltage (120V AC).
- Ensure all electrical connections comply with local codes and ordinances, as well as the National Electrical Code (NEC).
- Consult a qualified electrician if you are unsure about any part of the installation process.
- This product is suitable for wet locations.

Package Contents

Verify that all components are present before beginning installation.

- Kichler 15743AZT Accent LED Light Fixture

- In-ground stake (8-inch)
- 24-inch 18-2 gauge, SPT-1-W lead wire
- Cable connectors

Setup and Installation

Follow these steps for proper installation of your Kichler 15743AZT Accent LED Light.

1. **Prepare the Installation Area:** Choose a location that provides the desired lighting effect. Ensure the ground is suitable for inserting the in-ground stake.
2. **Attach the Stake:** Securely attach the in-ground stake to the bottom of the light fixture.
3. **Position the Fixture:** Insert the stake firmly into the ground at the desired location. Adjust the angle of the light fixture to direct the beam as needed.
4. **Connect Wiring:**



Image: The Kichler 15743AZT Accent LED Light, showing its compact design and integrated wiring.

Using the provided cable connectors, connect the 24-inch lead wire from the fixture to the low-

voltage landscape lighting cable (not included). Ensure connections are tight and waterproof. This fixture is designed for low-voltage systems and should not be connected to electronic transformers.

5. **Connect to Transformer:** Connect the landscape lighting cable to a suitable low-voltage transformer (not included). Refer to your transformer's instructions for proper connection. The total VA (volts x amps) for your system should not exceed the transformer's rating. This fixture has a VA total of 12.2.
6. **Test Operation:** Once all connections are made, turn on the power at the transformer to test the light.

Optional Mounting: For surface mounting, tree mounting, or junction box mounting, optional accessories (15601, 15607, 15609) are available separately. Refer to the instructions provided with those accessories for installation.

Operation

The Kichler 15743AZT Accent LED Light operates as part of a low-voltage landscape lighting system. Once properly installed and connected to a low-voltage transformer, the light will illuminate when power is supplied by the transformer.

- **Power Control:** The light's on/off function is controlled by the low-voltage transformer or any associated timer/photocell connected to your landscape lighting system.
- **Beam Adjustment:** The fixture head can be manually adjusted to direct the 60-degree wide light beam to your desired area.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Kichler 15743AZT Accent LED Light.

- **Cleaning:** Clean the fixture periodically with a soft, damp cloth. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these can damage the finish or electrical components.
- **Lens Care:** Keep the clear tempered glass lens free of dirt and debris to maintain light output.
- **Wiring Inspection:** Periodically inspect all wiring connections for signs of wear, corrosion, or damage. Ensure all connections remain secure and waterproof.
- **LED Module:** The LED module is integrated and not user-replaceable. If the LED fails, the entire fixture typically requires replacement.

Troubleshooting

If your Kichler 15743AZT Accent LED Light is not functioning correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the transformer.	Check the power supply to the transformer. Ensure the transformer is plugged in and its circuit breaker or fuse is not tripped.
	Faulty wiring connection.	Inspect all wiring connections from the transformer to the fixture. Ensure they are secure and free of corrosion.

Problem	Possible Cause	Solution
	Transformer overload.	Calculate the total VA of all connected fixtures. Ensure it does not exceed the transformer's maximum VA rating. Remove some fixtures if overloaded.
Light flickers or is dim.	Loose or corroded wiring connections.	Tighten all connections and clean any corrosion.
	Voltage drop due to long wire runs or undersized wire.	Consult a professional to assess wire gauge and run length. Consider using heavier gauge wire or shorter runs.
Water inside the fixture.	Improper sealing or damaged lens.	Ensure the lens is securely fastened. If damage is present, the fixture may need replacement.

If troubleshooting steps do not resolve the issue, contact Kichler customer support or a qualified electrician.

Specifications

Detailed technical specifications for the Kichler 15743AZT Accent LED Light.

- **Model Number:** 15743AZT
- **Dimensions:** 3.5 inches (H) x 3 inches (W) x 2.5 inches (L) (Fixture head only, excluding stake)
- **Light Source:** Integrated LED
- **Wattage:** 8.5W (comparable to 35W MR-16)
- **Voltage:** 12V AC (Low Voltage)
- **VA Total:** 12.2 VA
- **Beam Angle:** 60-Degree Wide
- **Finish:** Textured Architectural Bronze
- **Material:** High-quality Aluminum
- **Lens:** Clear Tempered Glass
- **Mounting:** In-ground stake (included)
- **Lead Wire:** 24-inch 18-2 gauge, SPT-1-W
- **Certifications:** UL/CSA listed for wet locations
- **Estimated Lifespan:** 40,000 hours
- **Item Weight:** 1.3 pounds



Image: A detailed view of the Kichler 15743AZT Accent LED Light, highlighting its construction and finish.

Warranty and Support

Kichler Lighting provides a limited warranty on this Design Pro LED fixture for fifteen (15) years or 40,000 hours, whichever comes first, following the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or inquiries about optional accessories, please contact Kichler customer service. Keep your proof of purchase for warranty validation.

Kichler Brand Story:

Your browser does not support the video tag.

Video: An official Kichler video showcasing the brand's commitment to lighting solutions and design. This video provides an overview of Kichler's philosophy and product range.