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Kichler 16120AZT27

Kichler 16120AZT27 LED Path Light Instruction Manual

Brand: Kichler | Model: 16120AZT27

INTRODUCTION

This manual provides instructions for the safe installation, operation, and maintenance of your Kichler 16120AZT27 LED Path Light. This outdoor lighting fixture is designed to illuminate pathways and landscape features, providing functional and aesthetic outdoor illumination.

SAFETY INFORMATION

Read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Disconnect Power:** Always disconnect the power supply at the circuit breaker or fuse box before installing, servicing, or cleaning the fixture.
- **Qualified Electrician:** If you are unsure about wiring or electrical connections, consult a qualified electrician.
- **Outdoor Use:** This fixture is rated for outdoor use. Ensure all connections are properly sealed and watertight to prevent water intrusion.
- **Low Voltage System:** This is a 12-volt fixture. Do not connect directly to 120-volt household current. Use with a compatible low-voltage landscape transformer.
- **Grounding:** Ensure the fixture is properly grounded according to local electrical codes.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Please check your local laws before purchasing and installing this product.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Kichler 16120AZT27 LED Path Light Fixture (1)
- Mounting Stake (1)
- Reflectors (White and Black, quantity may vary)
- Instruction Manual (1)

SETUP AND INSTALLATION

The Kichler 16120AZT27 LED Path Light requires assembly and surface mount installation. Follow these steps for proper setup:

1. **Unpack Components:** Carefully remove all parts from the packaging. Inspect for any damage.
2. **Choose Location:** Select a suitable outdoor location for the path light, ensuring it is within reach of your low-voltage landscape wiring system.
3. **Prepare Wiring:** Ensure the low-voltage transformer is disconnected from power. Strip approximately 1/2 inch of insulation from the ends of the fixture's wires.
4. **Install Mounting Stake:** The fixture includes a plastic mounting stake. Drive the stake into the ground at the desired location. For hard ground, use a block of wood and a hammer to gently tap the stake into place. Avoid excessive force to prevent damage to the stake.
5. **Attach Fixture to Stake:** Carefully screw the path light post onto the threaded connector of the installed stake. Ensure it is secure and upright.
6. **Connect to Power Supply:** Connect the fixture's wires to the main low-voltage landscape cable using appropriate waterproof connectors (not included). Ensure a secure and watertight connection.
7. **Install Reflectors (Optional):** If desired, install the provided white or black reflectors below the bulb to adjust light distribution. The white reflectors enhance visibility of the lamp from the side.
8. **Test:** Once all connections are made and secured, reconnect power to the low-voltage transformer and test the path light.



Image: Front view of the Kichler 16120AZT27 LED Path Light in Textured Architectural Bronze finish.



Image: Diagram showing the dimensions of the Kichler 16120AZT27 LED Path Light, with a height of 21 inches and a shade width of 6 inches.

OPERATING INSTRUCTIONS

The Kichler 16120AZT27 LED Path Light is designed for simple operation within a low-voltage landscape lighting system.

- **Power On/Off:** The light is controlled by the power supply to your low-voltage landscape system. This can be a timer, a manual switch, or an app/remote control if your transformer supports it.
- **Light Output:** The integrated LED provides warm white, down-lighting illumination. The light output is fixed and cannot be adjusted directly on the fixture.
- **App/Remote Control:** If your low-voltage transformer system is equipped with app or remote control capabilities, refer to your transformer's manual for instructions on how to integrate and control the path light.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your path light.

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish.
- **Inspection:** Regularly inspect the wiring and connections for any signs of wear, damage, or loose connections. Ensure waterproof seals remain intact.
- **LED Replacement:** The LED light source in this fixture is non-removable and designed for long-term use. Do not attempt to replace the LED. If the LED fails, the entire fixture may need replacement.
- **Stake Stability:** Check the stability of the mounting stake periodically, especially after heavy winds or ground disturbance. Re-secure if necessary.

TROUBLESHOOTING

If your Kichler 16120AZT27 LED Path Light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the low-voltage system. Loose or faulty wiring connection. Faulty LED fixture.	Check the transformer and ensure it is plugged in and receiving power. Verify circuit breaker. Inspect all wire connections for tightness and proper insulation. Re-secure if necessary. If other lights on the same circuit work, the fixture may be faulty. Contact Kichler support.
Light is dim or flickers.	Voltage drop due to long wire runs or too many fixtures. Loose connection.	Consult your low-voltage transformer manual for maximum load and wire gauge recommendations. Consider reducing the number of fixtures or using heavier gauge wire. Check all wire connections for tightness.
Water inside fixture.	Improperly sealed connections. Damaged fixture.	Ensure all wire connectors are waterproof and properly sealed. Replace any damaged seals. If the fixture itself is damaged, it may need replacement.

SPECIFICATIONS

Feature	Detail
Brand	Kichler
Model Name	16120AZT27
Product Dimensions	6"L x 6"W x 18.5"H (<i>Note: Diagram shows 21" overall height, which may include the stake.</i>)
Item Weight	2 Pounds
Material	Metal
Finish Type	Textured Architectural Bronze
Color	Bronze / Textured Architectural Bronze
Light Source Type	LED
Light Color	Warm White

Feature	Detail
Wattage	4.3 watts
Voltage	12 Volts
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Water Resistant
Control Method	App / Remote Control (via compatible transformer)
Installation Type	Surface Mount (Protruding)
Assembly Required	Yes
Fixture Type	Non Removable (LED)

WARRANTY AND SUPPORT

Manufacturer's Warranty: This Kichler 16120AZT27 LED Path Light 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.

Claiming Warranty: For warranty claims or technical support, please contact Kichler customer service directly. Retain your proof of purchase for warranty validation.

Contact Information: Refer to the Kichler official website or product packaging for the most current customer support contact details.