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## Kuzco Lighting AT6510-BN

# Kuzco Lighting AT6510-BN Slate Outdoor LED Wall Lighting

Model: AT6510-BN | Brand: Kuzco Lighting

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kuzco Lighting AT6510-BN Slate Outdoor LED Wall Lighting fixture. Please read this manual thoroughly before beginning installation and retain it for future reference. This fixture is designed for outdoor use and features a durable aluminum and glass construction with an integrated LED light source.

## SAFETY INFORMATION

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

- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure the fixture is properly grounded.
- Do not install this fixture on surfaces that are not structurally sound.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- This fixture is wet-rated, suitable for outdoor use.
- The integrated LED is not replaceable. Do not attempt to open the LED module.

## PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- LED Wall Sconce Fixture (Model AT6510-BN)
- Mounting Hardware Kit (screws, wire nuts, mounting plate)
- Instruction Manual

## SPECIFICATIONS

Model Number:	AT6510-BN
Brand:	Kuzco Lighting
Material:	Aluminum, Glass
Finish:	Brushed Nickel
Dimensions (L x W x H):	9.88" x 9.88" x 5.5"
Light Source:	Integrated LED
Color Temperature:	3000K Warm White
CRI:	90
Lumen Output:	Up to 2085 Lumens
Wattage:	26 Watts
Voltage:	120 Volts
Dimmable:	Yes (TRIAC/ELV dimmer compatible)
Lifespan:	50,000 Hours
Rating:	Wet-rated, ADA Compliant
Installation Type:	Flush Mount, Hard-Wired



Image: Kuzco Lighting AT6510-BN Slate Outdoor LED Wall Lighting, showing its dimensions of 9.88 inches in length, 9.88 inches in width, and 5.5 inches in height.

## SETUP AND INSTALLATION

**Tools Required (Not Included):** Phillips screwdriver, flathead screwdriver, wire strippers, electrical tape, safety glasses.

- Turn Off Power:** Before starting any electrical work, ensure the power supply to the junction box is turned off at the circuit breaker or fuse box.
- Prepare Mounting Plate:** Attach the mounting plate (included in hardware kit) to the junction box using the provided screws. Ensure the plate is securely fastened.
- Make Electrical Connections:**
  - Connect the fixture's **black** wire to the supply circuit's **black** (Live) wire.
  - Connect the fixture's **white** wire to the supply circuit's **white** (Neutral) wire.
  - Connect the fixture's **ground** wire (bare copper or green) to the supply circuit's **ground** wire and to the mounting plate's ground screw.
  - Secure all connections with wire nuts and wrap with electrical tape for added safety.
- Mount the Fixture:** Carefully align the fixture with the mounting plate and secure it using the provided screws. Ensure no wires are pinched during this process.
- Seal (Outdoor Installation):** For outdoor installations, apply a bead of weather-resistant sealant around the perimeter of the fixture where it meets the mounting surface to prevent water intrusion.
- Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

## OPERATING INSTRUCTIONS

The Kuzco Lighting AT6510-BN fixture operates as a standard wall light once properly installed and powered.

- Turning On/Off:** Use the wall switch connected to the fixture's circuit to turn the light on or off.
- Dimming Function:** This fixture is compatible with TRIAC/ELV type dimmers. If a compatible dimmer switch is installed, you can adjust the light output by operating the dimmer control. Ensure your dimmer switch is rated for LED lighting.

## MAINTENANCE

The AT6510-BN LED wall light requires minimal maintenance.

- Cleaning:** To clean the fixture, ensure power is off. Use a soft, damp cloth with a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive pads, as these can damage the finish or glass.
- LED Lifespan:** The integrated LED has a long lifespan of approximately 50,000 hours. No bulb replacement is necessary.
- Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear, especially after severe weather conditions.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Light does not turn on.	<ul style="list-style-type: none"><li>◦ No power to the fixture.</li><li>◦ Loose wire connection.</li><li>◦ Faulty wall switch.</li></ul>	<ul style="list-style-type: none"><li>◦ Check circuit breaker/fuse.</li><li>◦ Verify all wire connections are secure (ensure power is off first).</li><li>◦ Test the wall switch or replace if necessary.</li></ul>
Light flickers or dims improperly.	<ul style="list-style-type: none"><li>◦ Incompatible dimmer switch.</li><li>◦ Loose wire connection.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure a TRIAC/ELV compatible LED dimmer is used.</li><li>◦ Check wire connections (ensure power is off first).</li></ul>
Water inside the fixture (outdoor).	<ul style="list-style-type: none"><li>◦ Improper sealing during installation.</li></ul>	<ul style="list-style-type: none"><li>◦ Turn off power, remove fixture, re-seal perimeter with weather-resistant sealant.</li></ul>

If troubleshooting steps do not resolve the issue, contact Kuzco Lighting customer support.

## WARRANTY AND SUPPORT

This Kuzco Lighting fixture is covered by a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover:

- Damage caused by improper installation or maintenance.
- Damage caused by misuse, abuse, accidents, or neglect.
- Damage from unauthorized repairs or modifications.
- Normal wear and tear.

For warranty claims or technical support, please contact Kuzco Lighting customer service. Keep your proof of purchase for warranty validation.

**Contact Information:** Please refer to the Kuzco Lighting official website or your purchase documentation for the most current contact details.