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› [Traxon](#) /

› [Traxon XB.W3.8370110 Allegro XB36 Outdoor LED Wall Washer Flood Instruction Manual](#)

Traxon XB.W3.8370110

Traxon Allegro XB36 Outdoor LED Wall Washer Flood Instruction Manual

Model: XB.W3.8370110

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of the Traxon Allegro XB36 Outdoor LED Wall Washer Flood (Model: XB.W3.8370110). Please read these instructions thoroughly before installation and retain them for future reference.

The Allegro XB36 is a robust outdoor LED flood light fixture designed for wall washing applications, featuring a 3000K color temperature and 120V operation. Its IP66 rating ensures suitability for various outdoor environments.

2. SAFETY INFORMATION

- **Electrical Hazard:** Installation and servicing must be performed by a qualified electrician in accordance with all national and local electrical codes. Disconnect power before installation or maintenance.
- **Voltage:** This fixture operates on 120 VAC. Ensure the power supply matches the fixture's requirements.
- **Grounding:** Ensure the fixture is properly grounded to prevent electrical shock.
- **Outdoor Use:** The fixture is IP66 rated for outdoor use. Ensure all connections are sealed to maintain this rating.
- **Temperature:** Do not operate the fixture outside its specified ambient temperature range.
- **Handling:** Handle the fixture with care. Avoid dropping or subjecting it to severe impact.
- **Light Source:** Do not stare directly into the LED light source when the fixture is operating, as this may cause eye strain or damage.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Traxon Allegro XB36 Outdoor LED Wall Washer Flood Fixture (XB.W3.8370110)
- Mounting Bracket (pre-attached or separate)
- Instruction Manual (this document)

Note: Mounting hardware (screws, anchors) may not be included and should be selected based on the mounting surface.

4. SETUP AND INSTALLATION

4.1 Mounting the Fixture

1. **Select Location:** Choose a suitable mounting location that can support the weight of the fixture and provides the desired light coverage. Ensure the surface is stable and secure.
2. **Position Bracket:** If the mounting bracket is separate, attach it to the desired surface using appropriate screws and anchors (not supplied). If pre-attached, mark the drilling points.
3. **Secure Fixture:** Securely attach the fixture to the mounting surface using the integrated bracket. Adjust the angle of the fixture as needed for optimal light direction.

4.2 Electrical Connection

The Allegro XB36 features 'IN' and 'OUT' ports for power connection and daisy-chaining multiple units. Ensure power is disconnected before proceeding.



Figure 2: Rear view of the fixture, highlighting the 'IN' and 'OUT' power connection ports.

1. **Power Disconnection:** Turn off the main power supply at the circuit breaker before making any electrical connections.
2. **Connect Input Power:** Connect the 120 VAC power supply cable to the 'IN' port of the fixture. Ensure a watertight seal using the provided cable glands.
3. **Daisy-Chaining (Optional):** If connecting multiple fixtures, use a suitable cable to connect the 'OUT' port of the first fixture to the 'IN' port of the next fixture. Observe maximum load limits for the circuit.
4. **Secure Connections:** Ensure all cable glands are tightened securely to maintain the IP66 rating and prevent water ingress.



Figure 3: Rear view of the fixture with power cables properly connected to the 'IN' and 'OUT' ports.

Important: All wiring must comply with local electrical codes and regulations.

5. OPERATING INSTRUCTIONS

1. **Power On:** Once installation is complete and all connections are secure, restore power to the circuit. The fixture should illuminate.
2. **Dimming:** The Allegro XB36 supports phase-cut dimming. Use a compatible 120V phase-cut dimmer switch (not supplied) to adjust the light output intensity.
3. **Beam Angle:** The fixture provides a 7° light distribution, ideal for focused wall washing effects.
4. **Adjustment:** The mounting bracket allows for angular adjustment of the fixture to direct the light as desired. Ensure adjustment screws are tightened after positioning.

6. MAINTENANCE

The Traxon Allegro XB36 is designed for minimal maintenance due to its durable construction and IP66 rating. However, periodic checks are recommended.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt, dust, or debris that may accumulate and affect light output. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the fixture, mounting hardware, and electrical connections for any signs of wear, corrosion, or damage. Ensure all cable glands remain tight.
- **Repairs:** Do not attempt to repair the fixture yourself. Contact qualified service personnel for any repairs or internal maintenance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fixture does not illuminate.	No power supply; loose electrical connection; faulty fixture.	Check circuit breaker and power source. Verify all electrical connections are secure. If problem persists, contact support.
Light output is inconsistent or flickers.	Incompatible dimmer switch; loose connection; power fluctuations.	Ensure a compatible phase-cut dimmer is used. Check electrical connections. Consult an electrician for power supply issues.
Water ingress inside the fixture.	Improperly sealed cable glands or damaged housing.	Immediately disconnect power. Inspect cable glands and housing for damage. Contact support for repair or replacement.

8. SPECIFICATIONS

- **Model:** XB.W3.8370110
- **Brand:** Traxon
- **Input Voltage:** 120 VAC
- **Wattage:** 44 watts
- **Lumen Output:** 2631 lumens

- **Color Temperature (CCT):** 3000K
- **Light Distribution:** 7°
- **Dimming:** Phase Cut Dimmable
- **IP Rating:** IP66 (Outdoor Rated)
- **Construction:** Aluminum/Glass
- **Finish:** Black
- **Item Weight:** 13.14 pounds (5.96 kg)
- **Product Dimensions:** 9 x 5.3 x 11.3 inches (22.86 x 13.46 x 28.7 cm)
- **Manufacturer:** Osram

9. WARRANTY INFORMATION

Warranty terms and conditions for the Traxon Allegro XB36 are typically provided at the point of purchase or can be found on the official Traxon website. Please retain your proof of purchase for warranty claims. For specific details regarding your product's warranty, refer to the documentation included with your purchase or contact the manufacturer directly.

10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your authorized Traxon dealer or the manufacturer's customer support. Provide your product model number (XB.W3.8370110) and a detailed description of the issue when seeking support.