Lithonia Lighting TWX1 LED P2 40K MVOLT PE DDBTXD

Lithonia Lighting LED Wall Pack Light Instruction Manual

Model: TWX1 LED P2 40K MVOLT PE DDBTXD

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Lithonia Lighting TWX1 LED Wall Pack Light. Please read this manual thoroughly before installation and retain it for future reference. This product is designed for outdoor applications, offering energy-efficient illumination with a durable construction.

Safety Information

WARNING: Risk of electric shock. Disconnect power at fuse or circuit breaker before installing or servicing.

- All wiring 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 product is properly grounded to avoid potential electrical hazards.
- Do not install on surfaces that are unstable or cannot support the weight of the fixture.
- Wear appropriate personal protective equipment (PPE) during installation.

Product Features

- **Design:** Premium borosilicate glass lens works in conjunction with the high-efficiency light engine to provide superior illumination while minimizing wasted up-light.
- **Energy Savings:** The TWX1 LED is energy efficient, saving up to 83% in energy costs when replacing a metal halide luminaire.
- **Photocell:** Photocell included for dusk-to-dawn operation.
- **Ratings:** CSA certified to US and Canadian standards, listed as a DesignLights Consortium (DLC) qualified product and IP65 rated for outdoor applications.
- **Voltage:** MVOLT for 120-277V (50/60Hz).

- **Adjustable Light Output (ALO):** Allows the contractor to set the light output during installation to a level perfectly suited for the job site.

Package Contents

Verify that all components are present before beginning installation:

- 1 x Lithonia Lighting TWX1 LED Wall Pack Light Fixture
- 1 x Instruction Manual (this document)
- Mounting Hardware (screws, anchors, etc. - specific types may vary)

Setup and Installation

Follow these steps for proper installation of your TWX1 LED Wall Pack Light. It is recommended to have two people for installation due to the weight and size of the fixture.

Pre-Installation Steps

1. **Turn Off Power:** Ensure power to the installation location is turned off at the circuit breaker or fuse box. Verify with a voltage tester.
2. **Unpack Fixture:** Carefully remove the fixture from its packaging. Inspect for any damage.
3. **Separate Housing:** Loosen the two captive screws on the fixture and separate the door from the housing. This provides access for mounting and wiring.



Image: The TWX1 LED Wall Pack Light with its door opened, revealing the internal wiring and components. The two captive screws are visible on the side.

Mounting the Fixture

4. **Mount Housing:** Mount the housing directly to the junction box and wall using appropriate screws. Ensure the housing is securely fastened to the mounting surface.



Image: The housing of the TWX1 LED Wall Pack Light securely mounted on a brick wall, with wiring connections visible inside.

5. **Make Wiring Connections:** Complete all necessary wiring connections inside the luminaire according to local electrical codes. Connect the supply wires to the fixture wires (Line to Black, Neutral to White, Ground to Green/Bare Copper).

Adjusting Light Output (ALO)

6. **Adjust ALO Setting:** If your model features Adjustable Light Output (ALO), adjust the ALO setting to your desired output level using a screwdriver. Refer to the product specifications for available lumen settings.



Image: A close-up view of the Adjustable Light Output (ALO) switch inside the fixture, being adjusted with a screwdriver to select the desired lumen output.

Final Steps

7. **Close and Secure Door:** Close the fixture door and tighten the two captive screws to secure it. Ensure a tight seal for weather resistance.



Image: The TWX1 LED Wall Pack Light with its door securely closed and the captive screws tightened, ready for operation.

8. **Restore Power:** Restore power at the circuit breaker or fuse box. The fixture should illuminate if the photocell detects darkness, or if it's bypassed.

Operating Instructions

The Lithonia Lighting TWX1 LED Wall Pack Light is designed for simple, automated operation.

- **Photocell Operation:** The integrated photocell sensor automatically turns the light on at dusk and off at dawn, providing efficient illumination without manual intervention.
- **Manual Override (if applicable):** Some installations may include a manual switch to override the photocell for continuous operation or to turn the light off during daylight hours. Refer to your specific electrical setup.
- **Adjustable Light Output (ALO):** Once set during installation, the ALO feature maintains the chosen lumen output. No further adjustment is typically needed during normal operation.

Maintenance

The TWX1 LED Wall Pack Light requires minimal maintenance. Regular cleaning and inspection will ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the glass lens and housing with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the fixture for any signs of physical damage, loose connections, or wear. Ensure all screws are tight and the seal around the door is intact.
- **LED Longevity:** LED components are designed for long life and do not require bulb replacement.

CAUTION: Always disconnect power before performing any maintenance or cleaning.

Troubleshooting

If your Lithonia Lighting TWX1 LED Wall Pack Light is not functioning correctly, refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Photocell detecting too much light. Loose wiring connection. Faulty fixture.	Check circuit breaker/fuse. Ensure photocell is not obstructed or in a brightly lit area. Verify all wiring connections are secure (with power off). Contact customer support if other solutions fail.
Light stays on during the day.	Photocell obstructed or faulty. Incorrect wiring.	Clear any obstructions from the photocell. Verify wiring connections, especially for the photocell.
Light flickers or dims.	Unstable power supply. Loose wiring. Incorrect ALO setting.	Consult an electrician to check power supply. Check and secure all wiring connections. Re-adjust ALO setting.

If the issue persists after attempting these solutions, please contact Lithonia Lighting customer support.

Official Troubleshooting Guide (PDF)

For a more detailed troubleshooting guide, you can download the official PDF document:
Download Troubleshooting Guide (PDF)

Specifications

Attribute	Detail
Brand	Lithonia Lighting
Model Number	TWX1 LED P2 40K MVOLT PE DDBTXD
Color	Textured Bronze
Light Color	Cool White (4000K)
Brightness	2950 Lumens (Adjustable Light Output)
Wattage	100 watts (Max)
Voltage	120-277V (MVOLT)
Material	Aluminum Housing, Glass Lens
Product Dimensions	7.5"L x 5"W x 12"H
Installation Type	Wall Mount
Special Features	Energy Efficient, Adjustable Light Output, Photocell Sensor
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	IP65 Rated (Water Resistant)
Certifications	CSA, DLC Listed
Item Weight	7.27 Pounds



Image: Dimensional drawing of the TWX1 LED Wall Pack Light, indicating its height (12"), width (7.5"), and depth (5").

Warranty and Support

Warranty: The Lithonia Lighting TWX1 LED Wall Pack Light comes with a 5-year limited manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official documentation or contact Lithonia Lighting customer service.

Customer Support

For technical assistance, warranty claims, or general inquiries, please visit the Lithonia Lighting website or contact their customer support team.

Official User Manual (PDF): Download User Manual (PDF)

Official Installation Manual (PDF): Download Installation Manual (PDF)

Instructions for Use (IFU) (PDF): Download Instructions for Use (PDF)

Product Videos

Watch these official videos for additional information and visual guidance.

Wall Mount Installation Video

Your browser does not support the video tag.

Video: A detailed video demonstrating the wall mount installation process for the TWX LED Wall Pack Light. This video covers steps from preparing the fixture to securing it on the wall and making electrical connections.

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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.

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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