HYPERLITE LED-JJ-21W-TRI

HYPERLITE 4FT 40W Vapor Tight LED Light Instruction Manual

Model: LED-JJ-21W-TRI

1. PRODUCT OVERVIEW

The HYPERLITE 4FT 40W Vapor Tight LED Light is a durable and efficient lighting fixture designed for challenging environments. It provides bright, cool white illumination and features a robust, sealed construction for protection against dust and water.
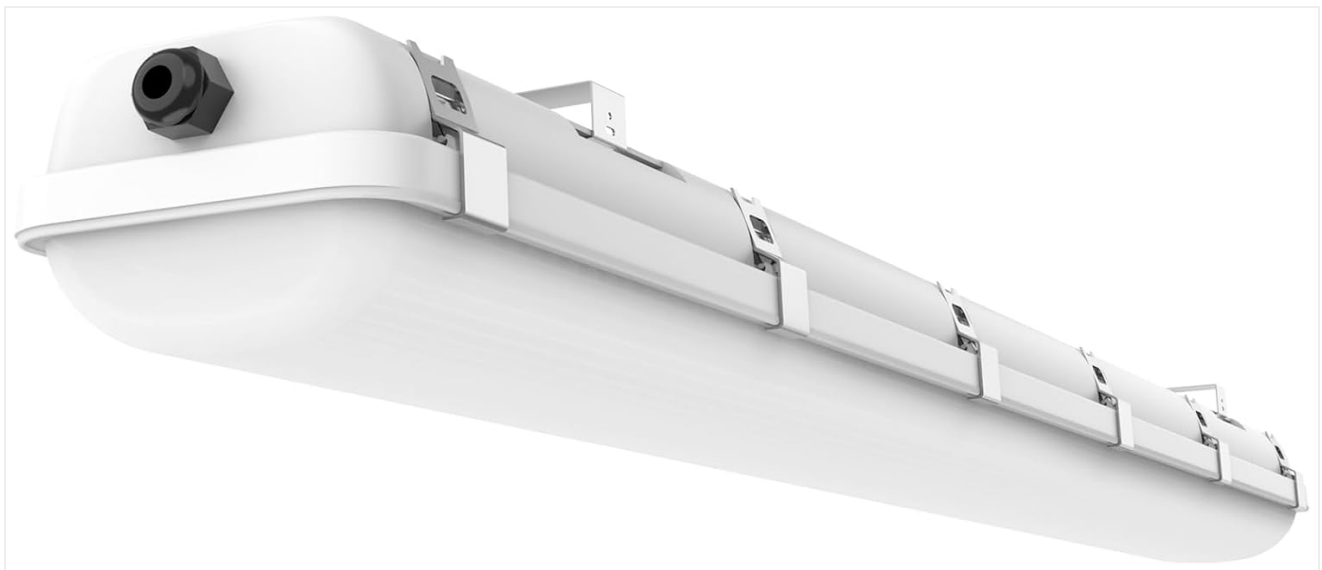

Image 1: Overview of the HYPERLITE 4FT 40W Vapor Tight LED Light. This fixture is designed for durability and high performance in various settings.

Key Features:

- **High Brightness:** 40W, 5200 lumens, 130 lumens per watt.
- **Durable Construction:** Polycarbonate material with stainless clips for a vapor-tight seal.
- **Environmental Protection:** IP65 rated for dust and water resistance.
- **Wide Voltage Range:** Operates on 100-277V AC.
- **Long Lifespan:** Rated for over 50,000 hours.
- **Certifications:** UL Listed for safety and reliability.

2. Safety Information

Please read and understand all safety instructions before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power at the circuit breaker before installing or servicing the fixture.
- Installation should be performed by a qualified electrician in accordance with national and local electrical codes.
- Do not install in areas where the operating temperature exceeds the specified range (-22°F to 113°F).
- Ensure all connections are secure and properly insulated.
- Do not modify the fixture in any way.

3. Installation

The HYPERLITE Vapor Tight LED Light is designed for easy surface mounting on ceilings or walls. Mounting hardware is included.

3.1. Package Contents

- HYPERLITE 4FT 40W Vapor Tight LED Light Fixture
- Mounting Brackets
- Screws and Anchors
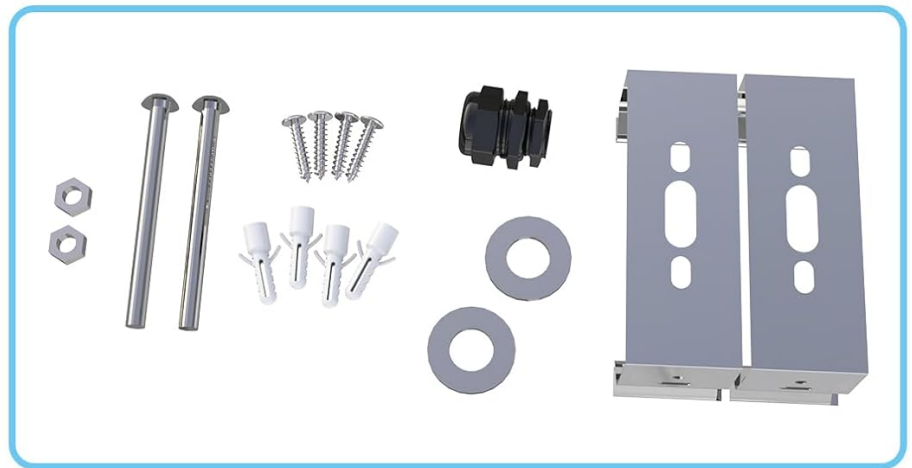- Wire Nuts

DIMENSION & ACCESSORY

47.24"

3.54"

3.26"

Image 2: Dimensions of the fixture (47.24"L x 3.54"W x 3.26"H) and a visual representation of the included mounting hardware.

3.2. Mounting Instructions

1. **Prepare the Installation Area:** Ensure the power is off at the circuit breaker. Select a suitable location for mounting on a ceiling or wall.

2. **Mark Mounting Holes:** Use the mounting brackets as a template to mark the desired locations for drilling holes.

3. **Install Mounting Brackets:** Drill pilot holes and secure the mounting brackets to the surface using the provided screws and anchors.

4. **Attach Fixture:** Carefully snap the LED light fixture into place on the installed mounting brackets. Ensure it is securely seated.

5. **Reinforce (Optional):** For added security, use the nut reinforcement installation method if applicable to your mounting brackets.

Image 3: Visual guide demonstrating the three steps for quick installation: marking holes, snapping the fixture, and securing with nuts.

3.3. Electrical Wiring

The fixture includes a terminal block for quick and secure wiring connections.

- Connect the live (black) wire from your power source to the live terminal on the fixture.

- Connect the neutral (white) wire from your power source to the neutral terminal on the fixture.

- Connect the ground (green/bare copper) wire from your power source to the ground terminal on the fixture.

- Ensure all connections are tight and properly insulated with wire nuts.

3.4. Daisy Chain Connection

Multiple HYPERLITE Vapor Tight LED Lights can be daisy-chained together using the integrated 2-foot wire for simplified wiring. The 40W model can connect up to 17 lamps.
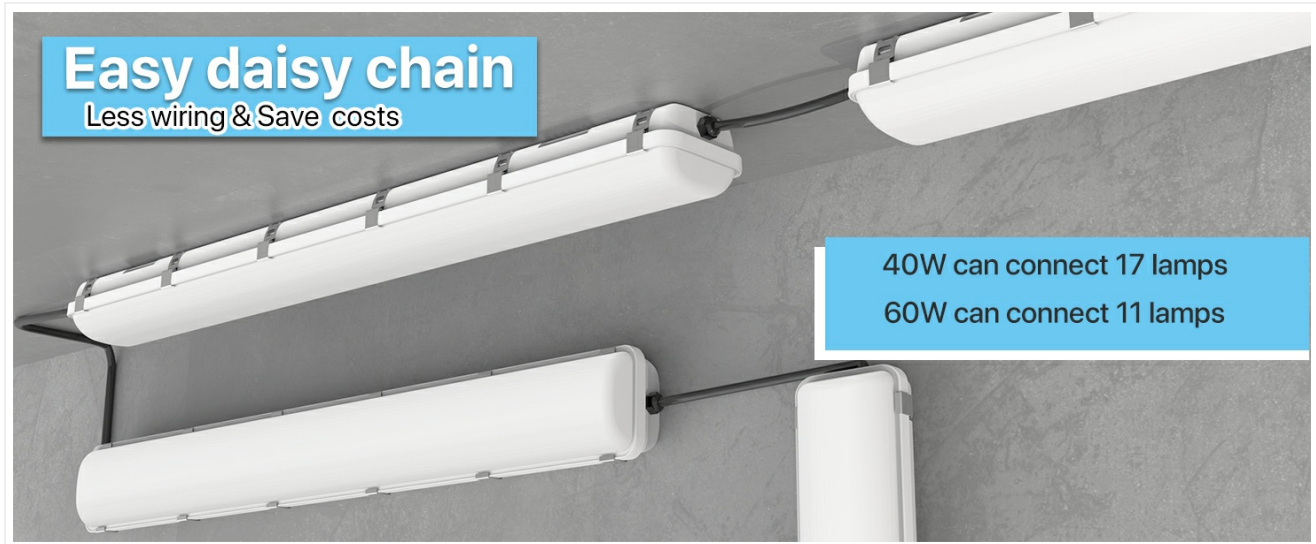

Image 4: Illustration of the daisy chain feature, allowing multiple fixtures to be linked from a single power source, reducing wiring complexity.

4. OPERATION

Once installed and wired correctly, the HYPERLITE Vapor Tight LED Light operates by a standard electrical switch (push button type). Ensure the power supply is restored after installation.

4.1. Intended Use Environments

This fixture is suitable for both indoor and outdoor use in various demanding environments, including:

- Garages and Workshops
- Barns and Agricultural Buildings
- Cold Storage and Walk-in Freezers (operating range -22°F to 113°F)
- Outdoor Corridors and Porches
- Warehouses and Industrial Facilities
- Car Washes

Image 5: The vapor tight LED light providing illumination in a car wash, demonstrating its suitability for wet environments.

5. MAINTENANCE

The HYPERLITE Vapor Tight LED Light requires minimal maintenance due to its durable and sealed design.

5.1. Cleaning

- Ensure the power is disconnected before cleaning.
- Wipe the exterior of the fixture with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these may damage the polycarbonate material.
- The IP65 rating ensures protection against dust and water jets, making external cleaning straightforward.

Image 6: Detail of the waterproof connectors, highlighting the strong sealing and ease of cleaning for wet locations.

5.2. Inspection

- Periodically inspect the fixture for any signs of physical damage or loose connections.
- Check the mounting brackets to ensure they remain secure.

6. TROUBLESHOOTING

If you encounter issues with your HYPERLITE Vapor Tight LED Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty switch	Check circuit breaker and power source Verify all wiring connections are secure Test or replace the switch
Light is dim or flickers	Incorrect voltage Loose connection Fixture damage	Ensure voltage is within 100-277V range Check wiring connections Contact customer support if damaged
Water or dust inside fixture	Improper installation Damage to seal	Ensure all seals and clips are properly secured Inspect for cracks or damage; contact support

If these steps do not resolve the issue, please contact HYPERLITE customer support.

7. SPECIFICATIONS

Detailed technical specifications for the HYPERLITE 4FT 40W Vapor Tight LED Light.

Attribute	Specification
Model Name	Vapor Tight Light
Item Model Number	LED-JJ-21W-TRI
Wattage	40 Watts
Brightness	5200 Lumens
Luminous Efficacy	130 Lumens per Watt
Color Temperature	5000K (Cool White)
Voltage	100-277V AC
Dimensions (L x W x H)	47.24" x 3.54" x 3.26"
Item Weight	4.74 Pounds
Material	Polycarbonate
IP Rating	IP65 (Dustproof and Waterproof)
Operating Temperature	-22°F to 113°F (-30°C to 45°C)
Lifespan	50,000+ Hours
Certifications	UL Listed
Mounting Type	Surface (Ceiling/Wall)
Included Components	Mounting Hardware

8. WARRANTY AND SUPPORT

HYPERLITE stands behind the quality of its products.

8.1. Warranty Information

This product comes with a **36-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

8.2. Return Policy

A **30-day return period** is offered for this product.

8.3. Customer Support

For any questions, technical assistance, or warranty claims, please contact HYPERLITE customer service. Our dedicated team is available to provide exceptional after-sales support.
Please refer to the HYPERLITE official website or your purchase documentation for contact details.

Related Documents - LED-JJ-21W-TRI

		[Hyperlite Capsule Series LED Vapor Tight Light - Specifications and Installation Guide](#) Comprehensive guide to the Hyperlite Capsule Series LED Vapor Tight Light, detailing features, specifications, dimensions, packaging, and installation instructions for industrial and harsh environments. Includes UL/cUL compliance information.
		[Hyperlite Hexagon LED Light Installation and Specifications](#) Detailed information on the Hyperlite Hexagon LED Light, including installation instructions, features, specifications, and contact information. This guide covers the 11 HEX model.
		[Hyperlite Hexagon LED Light BZ 02 Installation Guide and Specifications](#) Official installation guide and technical specifications for the Hyperlite Hexagon LED Light, model BZ 02. Learn about product features, components, and mounting instructions for this commercial LED lighting solution.
		[Hyperlite BZ 06 Hexagon LED Light Installation and Specifications](#) Detailed information on the Hyperlite BZ 06 Hexagon LED Light, including package contents, features, specifications, and installation instructions. Learn about its reliable, solid, and bright illumination.
		[Hyperlite Hexagon LED Light BZ 03 - Installation and Specifications](#) Comprehensive guide for the Hyperlite Hexagon LED Light BZ 03, including features, specifications, parts list, and detailed installation instructions for reliable, solid, and bright illumination.
		[Hyperlite Hexagon LED Light BZ 05 - Installation and Specifications](#) Comprehensive guide for the Hyperlite Hexagon LED Light BZ 05, covering its features, specifications, component list, and detailed installation instructions for various ceiling types. Learn about power capacity and safety precautions.