

[Manuals.plus](#) /

› [LUXRITE](#) /

› LUXRITE 2FT Linear High Bay LED Shop Lights Instruction Manual (Model LR41705)

LUXRITE LR41705

LUXRITE 2FT Linear High Bay LED Shop Lights

Model: LR41705

INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your LUXRITE 2FT Linear High Bay LED Shop Lights. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power before installation or servicing. Installation should be performed by a qualified electrician in accordance with all national and local electrical codes.

- Ensure the supply voltage is compatible with the fixture (120-277V).
- Do not handle live wires.
- Do not modify the fixture.
- Ensure proper grounding.
- This fixture is damp location rated but not suitable for direct water exposure.
- The fixture includes a built-in 4KV surge protector to guard against power surges.

DIMMABLE LIGHTING 0-10V



Image: The LUXRITE high bay light features a built-in 4KV surge protector for enhanced protection against power fluctuations.

PRODUCT FEATURES

- **Adjustable Angle Lighting:** Tilt the lighting panels from 0 to 30 degrees to direct light precisely where needed.
- **4CCT Color Selectable:** Choose from four color temperatures: 3000K (Soft White), 3500K (Natural White), 4000K (Cool White), and 5000K (Bright White).
- **Wattage Selectable:** Adjust brightness by selecting 165W, 190W, or 220W for up to 30,000 lumens.
- **0-10V Dimmable:** Compatible with 0-10V dimmers for precise light output control.
- **Wide Voltage Range:** Operates on 120-277V electrical systems.
- **Surge Protected:** Integrated 4KV surge protector for durability.
- **Long Lifespan:** Rated for up to 50,000 hours of use.
- **Certifications:** UL Certified and DLC Premium listed for safety and energy efficiency.
- **Beam Angle:** 120 degrees for broad illumination.
- **Damp Location Rated:** Suitable for moist environments.

ADJUSTABLE LIGHTING

0-30° ADJUSTABLE LIGHT DISTRIBUTION



Image: The high bay light features adjustable side panels that can be tilted from 0 to 30 degrees to direct light.

SETUP AND INSTALLATION

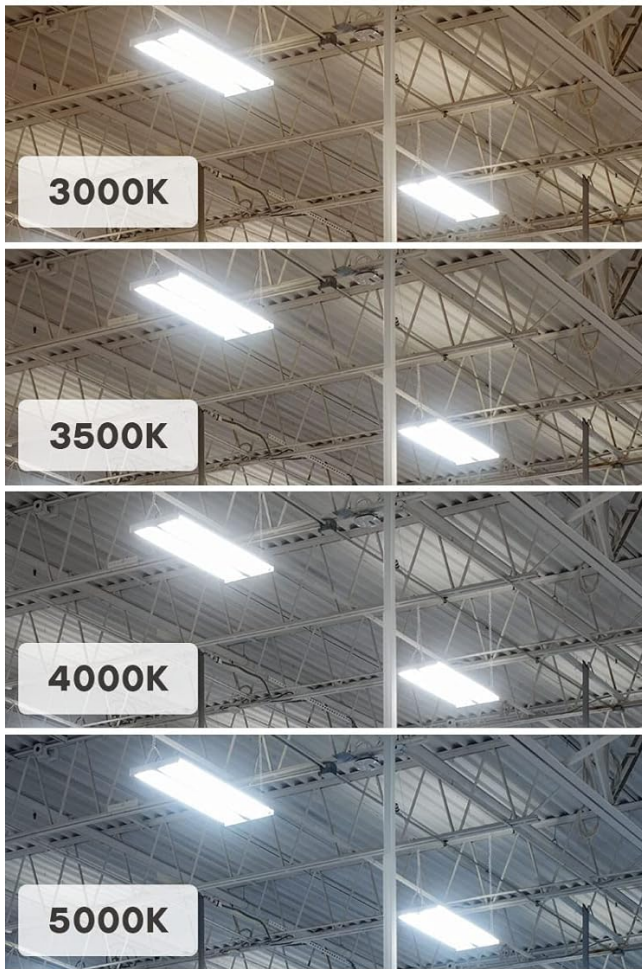
The LUXRITE Linear High Bay LED Shop Light is designed for suspended installation using the included suspension kit. Ensure the mounting surface can support the weight of the fixture.

Installation Steps:

1. **Disconnect Power:** Turn off power at the circuit breaker before beginning installation.
2. **Mounting:** Securely attach the suspension chains to a sturdy ceiling structure. Ensure the chains are evenly spaced to support the fixture.
3. **Hang Fixture:** Attach the fixture to the suspension chains using the provided hardware.
4. **Wiring:** Connect the fixture's wiring to the building's electrical supply (120-277V) according to local electrical codes. Ensure proper grounding. If using 0-10V dimming, connect the dimming wires to a compatible 0-10V dimmer.
5. **Adjust Tilt:** Once mounted, adjust the side panels to the desired angle (0-30 degrees) to optimize light distribution.
6. **Power On:** Restore power and test the fixture.

4 Color Options

3 Wattage Options



Illuminate your space with the perfect lighting solution that you can adjust to fit your needs. Not only can you choose between 4 color temperatures (left image), but you can toggle from a low to high wattage to control the amount of light you want (right image).

Image: A general view of the LUXRITE 2FT Linear High Bay LED Shop Light, typically installed via suspension.

OPERATING INSTRUCTIONS

Your LUXRITE high bay light offers selectable color temperature and wattage settings to customize your lighting environment.

Color Temperature Selection (4CCT):

Locate the CCT selection switch on the fixture. Before powering on, slide the switch to choose your desired color temperature:

- **3000K:** Soft White
- **3500K:** Natural White
- **4000K:** Cool White
- **5000K:** Bright White

Wattage Selection:

Locate the wattage selection switch on the fixture. Before powering on, slide the switch to choose your desired brightness level:

- **165W:** Lower brightness (e.g., 24,000 lumens)
- **190W:** Medium brightness (e.g., 27,000 lumens)
- **220W:** Highest brightness (e.g., 30,000 lumens)

Dimming Functionality (0-10V):

If connected to a compatible 0-10V dimmer, you can adjust the light output from 10% to 100% for flexible illumination control.



Protection against power surges and voltage spikes



BUILT IN SURGE PROTECTOR

Image: Illustration showing the four color temperature options (3000K, 3500K, 4000K, 5000K) and three wattage options (165W, 190W, 220W) for the high bay light.

1X2 SLIM LINEAR HIGHBAY



EASY
INSTALL



50,000^{HR}
LIFETIME



DAMP
LOCATION
RATED



120-
277V



90°
BEAM ANGLE



DIMMABLE

COLOR SELECTABLE
30K | 35K | 40K | 50K

LUMENS
24000 | 27000 | 30000

WATTAGE SELECTABLE
165W | 190W | 220W



Zero Delay | **Zero Flickering Light** | **Zero Worries**

LUXRITE®

Image: Visual representation of the 0-10V dimming capability, showing varying light levels from the fixture.

MAINTENANCE

The LUXRITE High Bay LED Shop Light requires minimal maintenance. Always ensure power is disconnected before performing any maintenance.

- **Cleaning:** Periodically wipe the fixture with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the suspension chains and wiring for any signs of wear or damage.
- LEDs are not user-replaceable.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; incorrect wiring; faulty switch.	Check circuit breaker and power connections. Verify wiring connections. Test the switch.
Light flickers or dims unexpectedly.	Loose wiring connection; incompatible dimmer; power fluctuation.	Ensure all wiring connections are secure. Verify dimmer compatibility (0-10V). The built-in surge protector handles minor fluctuations. If issues persist, consult a qualified electrician.
Incorrect color temperature or brightness.	CCT or wattage selection switch set incorrectly.	Ensure power is off, then adjust the CCT or wattage selection switch to the desired setting.

SPECIFICATIONS

Feature	Detail
Model Number	LR41705
Dimensions (L x W x H)	23.1" x 9.9" x 1.9"
Weight	6.3 Pounds
Wattage Selectable	165W / 190W / 220W
Brightness	Up to 30,000 Lumens (at 220W)
Color Temperature (CCT)	3000K / 3500K / 4000K / 5000K
Voltage	120-277V
Dimmable	0-10V
Surge Protection	4KV Built-in
Lifespan	50,000 Hours
Beam Angle	120°
Material	Metal housing, Plastic shade
Certifications	UL Certified, DLC Premium
Mounting Type	Suspended (Hanging Kit Included)
Indoor/Outdoor Usage	Indoor, Damp Location Rated

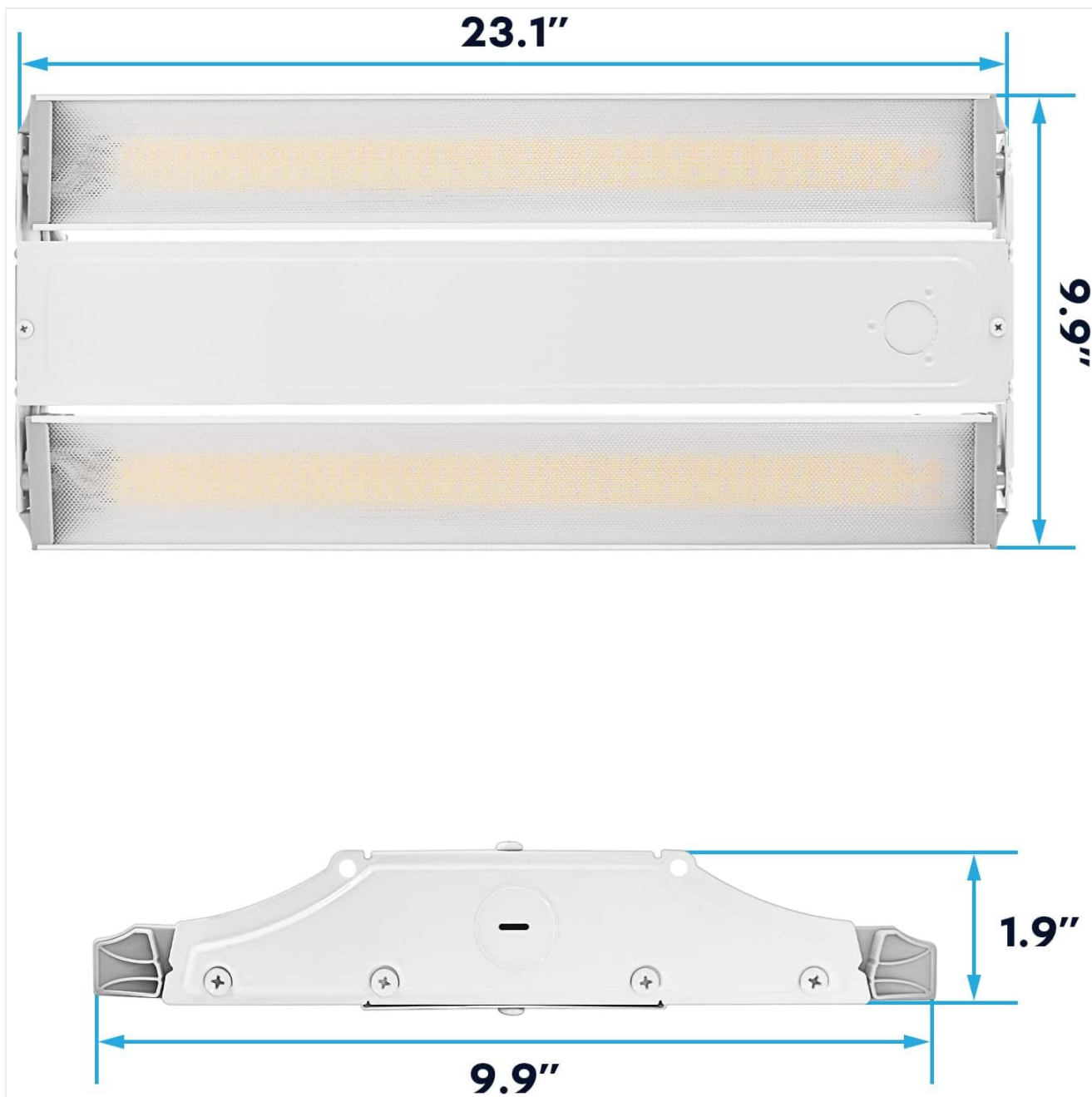


Image: Detailed dimensions of the LUXRITE 2FT Linear High Bay LED Shop Light, showing length, width, and height.

WARRANTY AND SUPPORT

This LUXRITE product is backed by a **5-year manufacturer's warranty**, covering defects in materials and workmanship under normal use.

For technical support, warranty claims, or further assistance, please visit the official LUXRITE store or contact customer service:

Official LUXRITE Store: [LUXRITE on Amazon](#)