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› Barrina TX-L63 3FT LED Grow Light Instruction Manual

Barrina TX-L63

Barrina TX-L63 3FT LED Grow Light Instruction Manual

Model: TX-L63

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1. PRODUCT OVERVIEW

The Barrina TX-L63 3FT LED Grow Light is designed to provide optimal lighting for indoor plants, supporting all growth stages from seeding to fruiting. Featuring 63W high power and a full spectrum output, this light ensures efficient photosynthesis and accelerated plant growth. Its four LED panels offer wide coverage and are linkable for expanded setups. The design prioritizes heat dissipation for extended LED lifespan.



**HIGH
OUTPUT**

63W

TX-L63 GROW LIGHT



5100
Lumens



Linkable
Up to 5 Lights



555.39 $\mu\text{mol}/\text{m}^2/\text{s}$
High PPFD



Maximized
Coverage

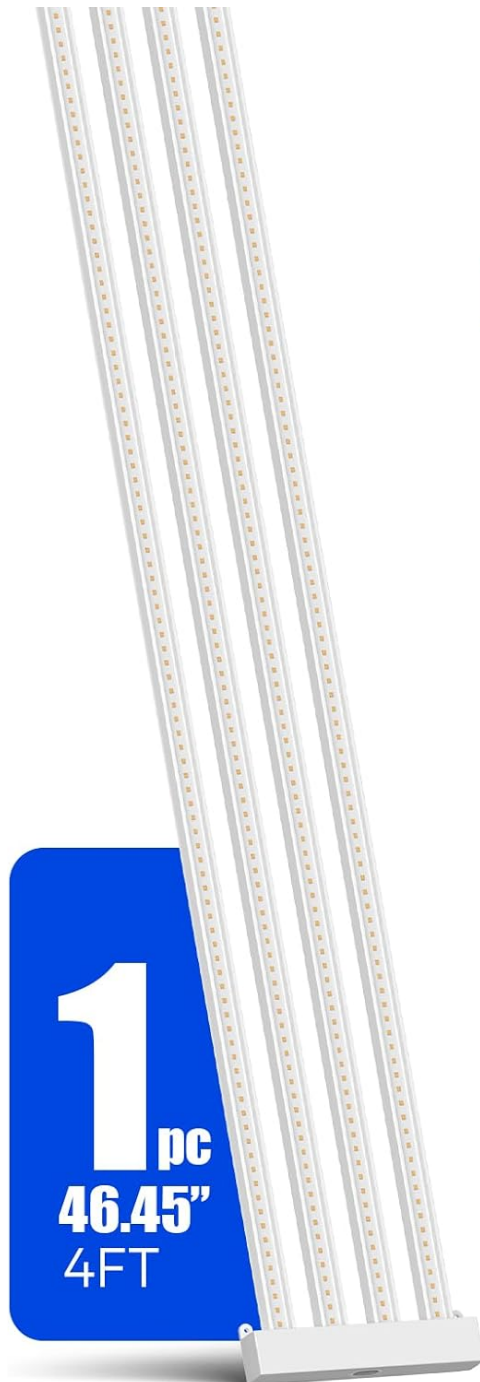
Image: Barrina TX-L63 3FT LED Grow Light installed above various plants in an indoor growing environment.

2. WHAT'S IN THE BOX

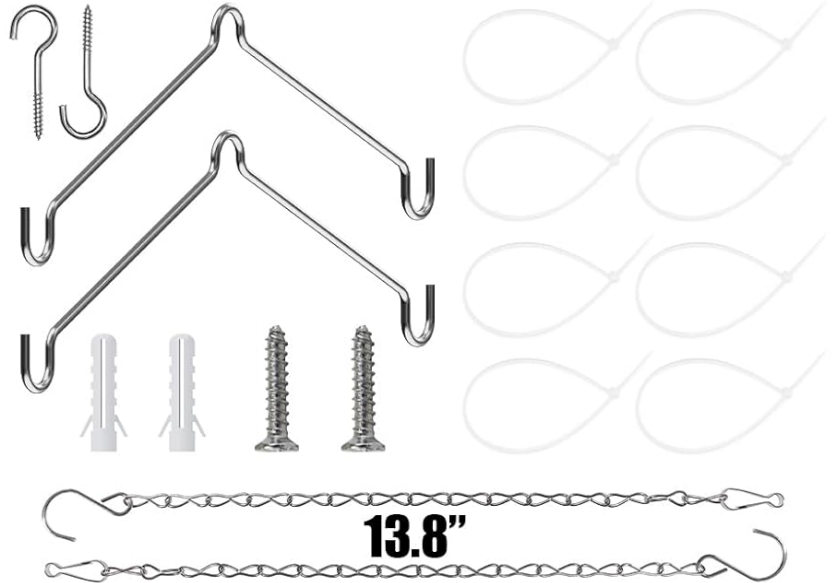
Verify that all components are present before beginning installation.

- 3FT LED Grow Light (1 Pack)
- Hook (for hanging installation)
- User Manual (this document)
- On/off Switch Power Cord (79 inches)
- Accessories Package (includes screws, wall anchors, cable ties, and connecting cables)

PACKING LIST



1 pack



79"



48"



Image: Visual representation of the package contents, including the grow light, power cord, connecting cable, hooks, screws, and cable ties.

3. SAFETY INFORMATION

Please read all safety instructions carefully before using the Barrina TX-L63 LED Grow Light. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Indoor Use Only:** This product is designed for indoor use in dry locations. Do not expose to water or high humidity.
- **Electrical Safety:** Ensure the power supply voltage matches the product's requirements. Do not operate with damaged cords or plugs.
- **Installation:** Install the light securely to prevent it from falling. Ensure proper ventilation around the fixture.
- **Eye Protection:** Avoid staring directly at the LED lights for extended periods, as intense light can cause eye discomfort.
- **Heat:** While designed for efficient heat dissipation, the fixture may become warm during operation. Do not touch the light directly when it is on.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use harsh chemicals.
- **Children and Pets:** Keep the grow light and its components out of reach of children and pets.

4. SETUP AND INSTALLATION

The Barrina TX-L63 grow light offers flexible installation options to suit various indoor growing environments.

4.1 Installation Methods

There are three primary installation methods:

1. **Hanging/Suspended Mounting:** Use the provided hooks and chains to suspend the light from a ceiling or shelf.
2. **Surface Mounting:** Secure the light directly to a flat surface using screws and wall anchors.
3. **Cable Tie Mounting:** Utilize cable ties to attach the light to a wire rack or similar structure.



Image: Illustrations demonstrating hanging, cable tie, and surface mounting options for the grow light.

4.2 Linkable Design

Multiple TX-L63 units can be linked together (up to 5 lights) using the provided connecting cables to expand your coverage area. Connect the lights end-to-end or with short connecting cords. Only one power cord is needed for a linked series of lights.



Image: Diagram illustrating the dimensions of the grow light and how multiple units can be linked using connecting cords and a single power cord.

4.3 Installation Video Guide

Your browser does not support the video tag.

Video: A step-by-step guide on how to install the Barrina TX-L63 grow light, demonstrating connection and setup.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Connect the power cord to a standard electrical outlet. Use the in-line on/off switch on the power cord to turn the grow light on or off.

5.2 Optimal Placement and PPFD

The Barrina TX-L63 provides a full spectrum of light suitable for all plant growth stages. For optimal results, consider the following PPFD (Photosynthetic Photon Flux Density) values at different distances:

- **3.94 inches (approx. 10 cm):** 555.39 $\mu\text{mol}/\text{m}^2/\text{s}$
- **7.87 inches (approx. 20 cm):** 327.47 $\mu\text{mol}/\text{m}^2/\text{s}$
- **11.81 inches (approx. 30 cm):** 211.97 $\mu\text{mol}/\text{m}^2/\text{s}$
- **19.69 inches (approx. 50 cm):** 107.91 $\mu\text{mol}/\text{m}^2/\text{s}$

Adjust the hanging height of the light to achieve the desired PPFD for your specific plants and growth stage. Generally, seedlings and young plants require lower light intensity, while flowering and fruiting plants benefit from higher intensity.



Image: A visual guide indicating the Photosynthetic Photon Flux Density (PPFD) at various distances from a single Barrina TX-L63 grow light.

5.3 Full Spectrum Benefits

The TX-L63 grow light provides a full spectrum of light, including red and blue wavelengths, crucial for different plant processes:

- **Red Light (620-680nm):** Accelerates seeding, flowering, and fruiting.
- **Blue Light (430-460nm):** Boosts photosynthesis for stronger stems and leaves.

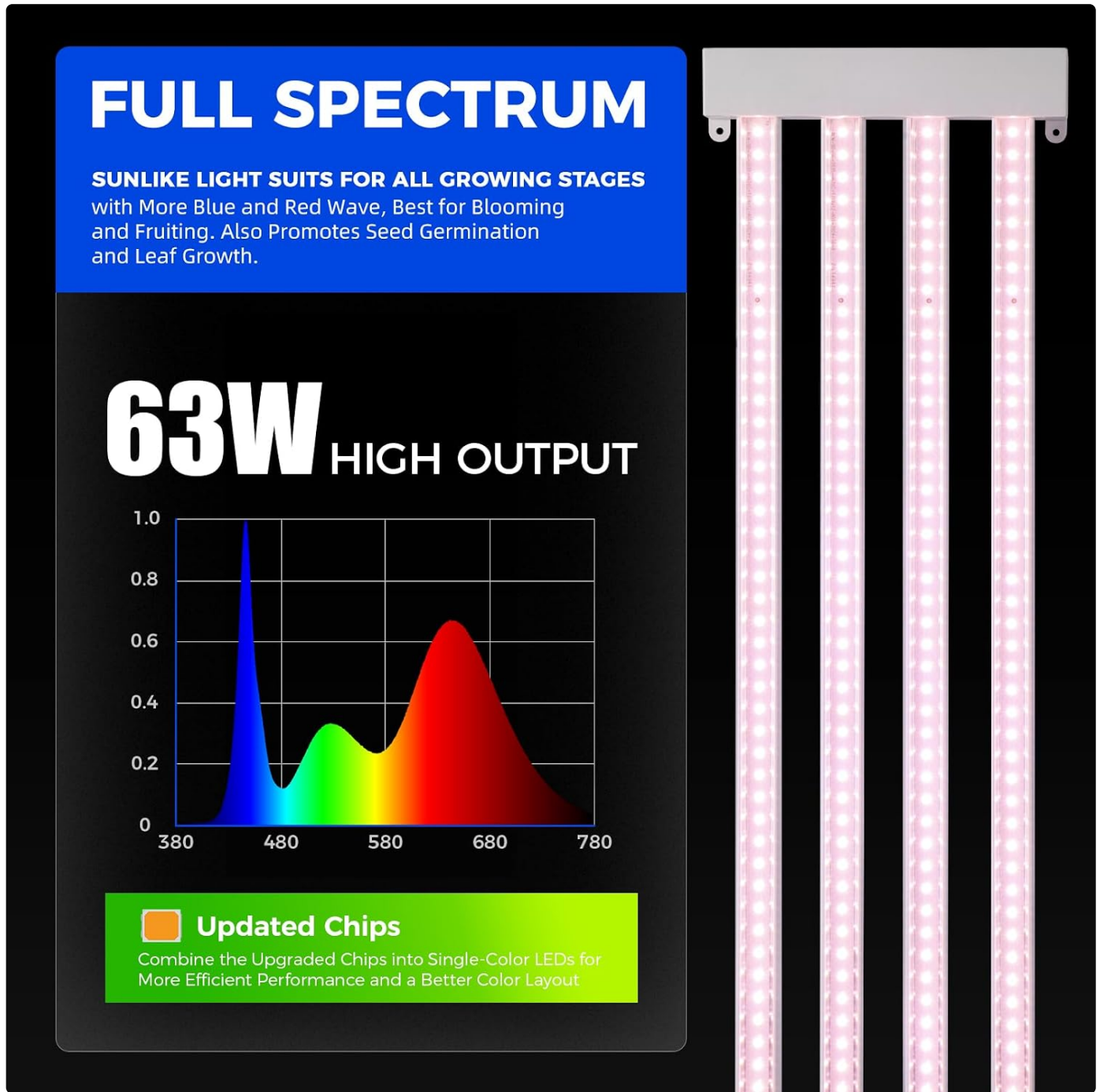


Image: A spectral graph showing the distribution of light wavelengths (full spectrum) emitted by the 63W high output grow light, highlighting blue and red light peaks.

Your browser does not support the video tag.

Video: Demonstrates the Barrina TX-L63 grow light's pinkish-white full spectrum output and its high PPFD in an indoor plant setup.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the light fixture with a soft, dry cloth to remove dust and debris. Ensure the light is unplugged before cleaning.
- **Inspection:** Periodically check the power cord and connections for any signs of damage.
- **Ventilation:** Ensure adequate airflow around the fixture to maintain optimal operating temperature and extend LED lifespan. The spaced panel design aids in 360° heat dissipation.



Image: A close-up of the Barrina TX-L63 grow light's spaced LED panels, illustrating the design for 360° heat dissipation and extended LED lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on	• No power to outlet • Power cord not properly connected • On/off switch is off	• Check power outlet with another device. • Ensure power cord is securely plugged into the light and outlet. • Toggle the on/off switch to the "on" position.
Light flickers	• Loose connection • Unstable power supply	• Check all connections, including linked lights. • Try plugging into a different outlet.
Plants are not growing well	• Incorrect light distance • Insufficient light duration • Other environmental factors (water, nutrients, temperature)	• Adjust light height based on PPFD recommendations for plant stage. • Ensure lights are on for an appropriate duration (e.g., 12-16 hours for vegetative growth). • Check other growing conditions.

8. SPECIFICATIONS

Model Number	TX-L63
Brand	Barrina
Wattage	63 Watts

Light Output	5100 Lumens
Light Source Type	LED
Spectrum	Full Spectrum (Red & Blue)
Number of Light Sources	4 Panels
Power Source	AC
Mounting Type	Hanging / Ceiling / Surface
Material	Polycarbonate (PC)
Item Dimensions (L x W x H)	35.42"L x 4.91"W x 2.16"H
Special Features	Linkable, Not Dimmable

9. WARRANTY AND SUPPORT

The Barrina TX-L63 LED Grow Light comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Barrina customer service through the retailer where the product was purchased or visit the official Barrina website for contact information.

Please retain your proof of purchase for warranty validation.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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