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› Barrina T5 Grow Lights Instruction Manual - Model MF10

Barrina MF10

Barrina T5 Grow Lights Instruction Manual

Model: MF10

Brand: Barrina

INTRODUCTION

Thank you for choosing Barrina T5 Grow Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new grow lights. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury to persons, please follow these guidelines:

- Always disconnect power before installing or servicing.
- Do not operate with a damaged cord or plug.
- Do not mount on uncured plaster, dusty, greasy, or rough surfaces.
- Ensure proper ventilation around the lights.
- This product is designed for indoor use only.
- Keep out of reach of children.

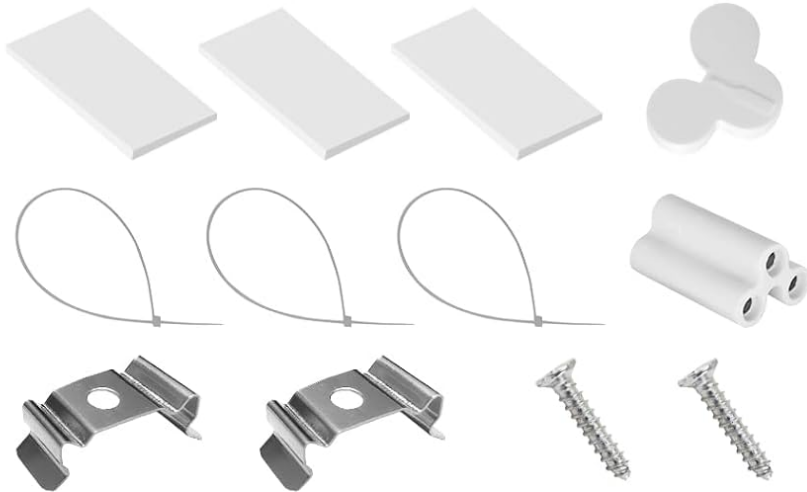
PACKAGE CONTENTS

Your Barrina T5 Grow Lights package includes the following items:

- 4 x Barrina T5 Grow Lights
- 2 x Power Cords with ON/OFF Switch
- 3 x Connecting Cords (20 inches)
- 4 x Small Connectors
- 8 x Installation Clips
- 12 x Double-sided Tapes
- 12 x Cable Ties

PACKING LIST

● 4-pack



59"



● 2-pcs

19.6"



● 3-pcs

23.6"(2FT)

L : 23.6"
W: 0.78"
H: 0.78"



4
pcs

Figure 1: Detailed view of the Barrina T5 Grow Lights packing list, showing all included components for installation and connection.

PRODUCT FEATURES

- **Full Spectrum (Pinkish White Color):** Provides indoor plants with a full-spectrum sunlight replacement, optimized for plant absorption.
- **Super Bright and High PPFD:** Consumes 40W with 200 LEDs, equivalent to 250W general plant lights. Over 95% light energy is absorbable by plants, suitable for seedling, vegetative, and flowering cycles.
- **Easy Installation:** Multiple mounting options including double-sided tapes, clips, and cable ties. Plug and play design allows linking up to 16 lights in a series.
- **Separately Controllable:** Each grow light features an individual ON/OFF switch on its surface, allowing separate or combined control based on plant needs.

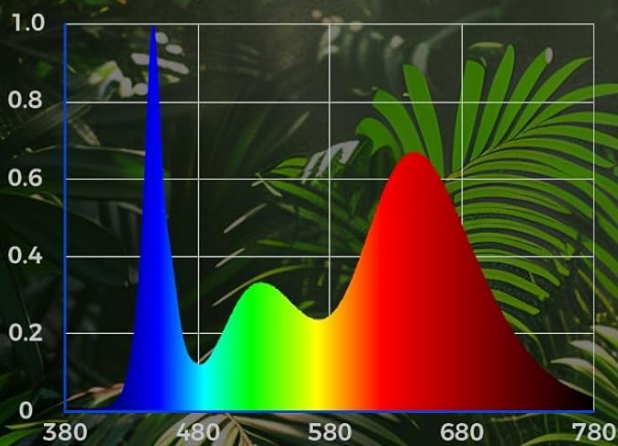
FULL SPECTRUM

SUITS FOR ALL GROWING STAGES

With more blue and red wave, best for blooming and fruiting. Also promotes seed germination and leaf growth.

10W

HIGH OUTPUT



Updated Chips

Combine into single color LEDs, more efficiency and better color layout.



Figure 2: Illustration of the full spectrum light provided by Barrina T5 Grow Lights, highlighting its suitability for all plant growth stages.

HIGH PPFD



Figure 3: Diagram illustrating the high Photosynthetic Photon Flux Density (PPFD) of the Barrina T5 Grow Lights at various distances from plants.

SETUP AND INSTALLATION

The Barrina T5 Grow Lights offer flexible installation options to suit various setups. Ensure the mounting surface is clean, dry, and smooth for optimal adhesion if using tapes.

Mounting Options:

1. **Double-sided Tapes:** Peel and stick the tapes to the desired surface, then firmly press the grow light onto the tapes.
2. **Clips and Screws:** Secure the installation clips to the surface using the provided screws. Snap the grow lights into the clips.
3. **Cable Ties:** Loop cable ties around the grow light and secure it to a suitable structure, such as a wire rack.

THREE INSTALLATION



Figure 4: Visual guide to the three primary installation methods: double-sided tapes, clips with screws, and cable ties.

Connecting Multiple Lights:

You can link up to 16 lights in a series using the provided connecting cords or small direct connectors. This allows for a continuous lighting setup from a single power source.

- **Connecting Cords:** Use the 20-inch connecting cords to space lights apart.
- **Small Connectors:** Use these to directly link lights end-to-end for a seamless strip.

2 CONNECTION METHODS

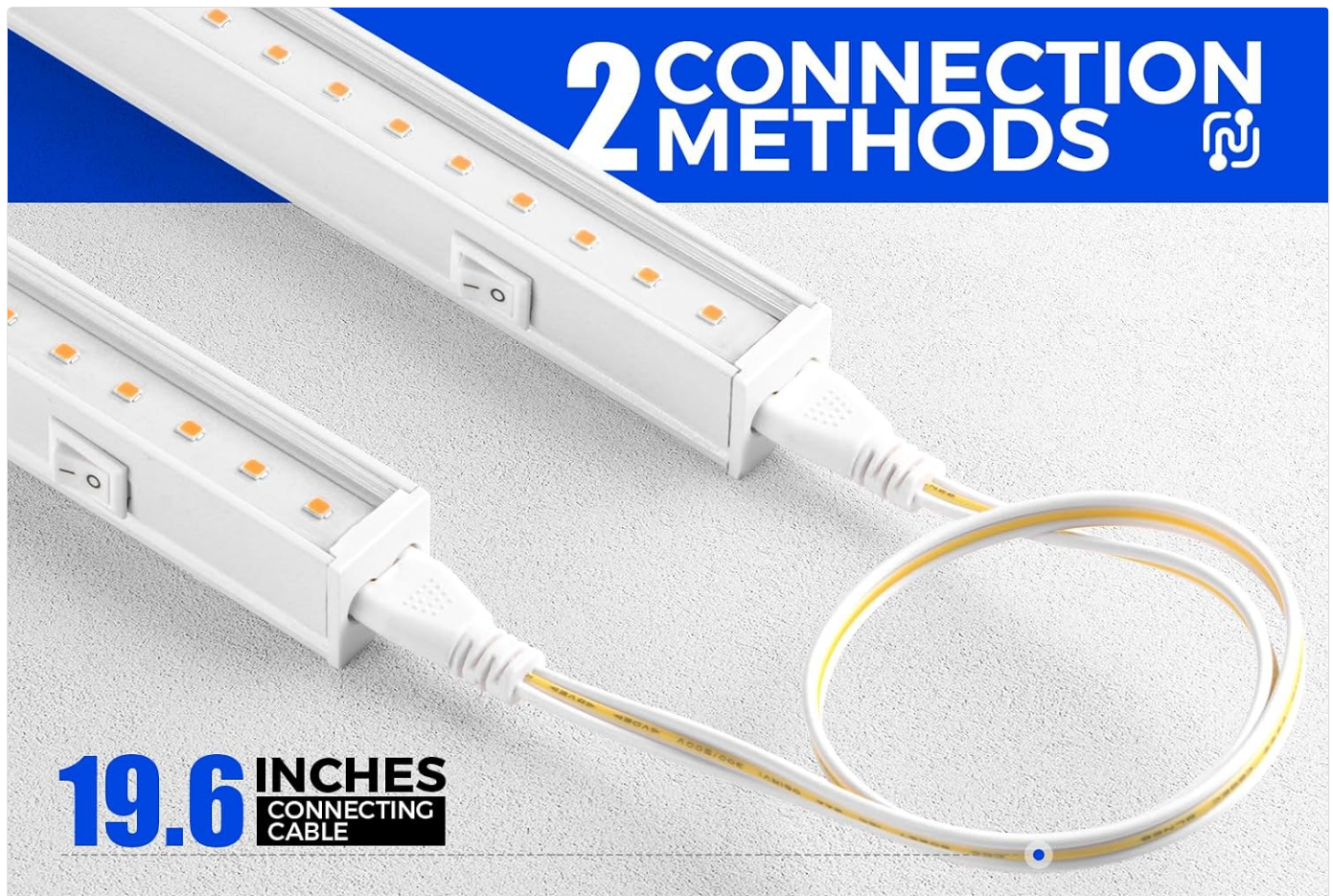


Figure 5: Illustration of how to connect multiple Barrina T5 Grow Lights using either connecting cords for spacing or small connectors for direct linking.

Video Guides for Installation:

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Video 1: An overview of Barrina T5 Series Grow Lights, demonstrating their features and general setup.

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Video 2: Provides an installation tip for neatly setting up Barrina T5 Grow Lights.

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Video 3: A short demonstration of the easy installation process and positive plant response.

OPERATION

Operating your Barrina T5 Grow Lights is straightforward. Each light has an individual switch for flexible control.

Powering On/Off:

- Connect the power cord to a standard 120V outlet.
- Use the ON/OFF switch on the power cord to control all connected lights simultaneously.
- Each individual grow light also has its own ON/OFF switch on the surface of its housing, allowing you to control lights separately.



Figure 6: Close-up view of the individual ON/OFF switch on each Barrina T5 Grow Light, demonstrating separate control.

EASY TO USE

59 INCHES
POWER CORD



⚠ When not connected to other fixture, please cover the dust cap

Figure 7: The power cord with an integrated ON/OFF switch for convenient control of the entire linked system.

Light Spectrum and Plant Growth:

The Pinkish White full spectrum is designed to support plants through all growth stages: seedling, vegetative, and flowering. The specific light wave ratio is based on optimal plant absorption.

Hanging Distance Suggestion:

Adjust the distance between the lights and your plants based on their growth stage for optimal results:

- **Germination / Seedling:** 11.8-13.8 inches
- **Vegetative / Growing:** 11.8-13.8 inches
- **Flowering / Fruiting:** 7.9-11.8 inches



Figure 8: Recommended hanging distances for Barrina T5 Grow Lights at different plant growth stages.

Video Comparing Light Spectrums:

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Video 4: A comparison between the Pinkish White and Yellow Barrina Grow Lights, detailing their uses and benefits for different plant needs.

MAINTENANCE

To ensure the longevity and optimal performance of your Barrina T5 Grow Lights, follow these simple maintenance tips:

- **Cleaning:** Gently wipe the lights with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Mounting Surface:** Avoid mounting on uncured plaster, dusty, greasy, or rough surfaces to prevent damage or detachment.
- **Dust Cap:** When not connected to another fixture, please cover the open end with the provided dust cap to protect the connector.

TROUBLESHOOTING

If you encounter any issues with your Barrina T5 Grow Lights, refer to the following common troubleshooting steps:

- **Lights Not Turning On:** Check if the power cord is securely plugged into the outlet. Ensure both the main power cord switch and the individual light switches are in the ON position.
- **Uneven Lighting:** Verify that all connecting cords and small connectors are properly seated between the lights.
- **Flickering Lights:** Ensure stable power supply. If flickering persists, try connecting fewer lights in a series to rule out overload.

If the problem persists after attempting these steps, please contact Barrina customer support.

SPECIFICATIONS

Feature	Specification
Model Number	MF10

Color	Pinkish White
Shape	Rectangular
Material	Polycarbonate (PC)
Finish Type	Matte
Light Source Type	LED
Power Source	Corded Electric
Voltage	120 Volts
Light Source Wattage	10 Watts
Mounting Type	Inside Mount
Light Source Special Features	Not Dimmable
Number of Light Sources	200
Item Weight	1.8 Pounds
Item Dimensions L x W x H	23.1"L x 0.79"W x 0.79"H
Shade Material	Aluminum

WARRANTY

Barrina T5 Grow Lights come with a **2-year warranty**. Please retain your proof of purchase for any warranty claims.

SUPPORT

For further assistance, product information, or to address any issues, please visit the official Barrina website or contact customer support:

- **Barrina Store:** [Visit the Barrina Store on Amazon](#)

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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.

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