

Barrina MF10

Barrina T5 Grow Lights Instruction Manual

MODEL: MF10

Brand: Barrina

1. 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. These 2ft, 80W (8 x 10W) 5000K white full spectrum LED grow lights are designed to provide optimal light for your indoor plants throughout their growth cycles, from seedling to flowering.

2. Safety Information

- Always disconnect the power supply before installation or maintenance.
- Do not install on uncured plaster, dusty, greasy, or rough surfaces.
- Ensure proper ventilation around the lights to prevent overheating.
- This product is designed for indoor use only and is not waterproof. Avoid exposure to water or high humidity.
- Do not stare directly into the LED lights for extended periods.

3. Package Contents

Your Barrina T5 Grow Lights package includes the following items:

- 8 x Barrina T5 Grow Lights (2ft)
- 4 x Power Cords with ON/OFF Switch
- 7 x Connecting Cords (39.37")
- 8 x Small Connectors
- 16 x Installation Clips
- 24 x Double-sided Tapes
- 24 x Cable Ties
- 1 x Instruction Manual

THREE INSTALLATION



Figure 1: Included components in the Barrina T5 Grow Lights 8-pack.

4. Setup and Installation

The Barrina T5 Grow Lights offer flexible installation options to suit various setups. You can link up to 16 lights in a series for larger areas.

4.1. Connecting the Lights

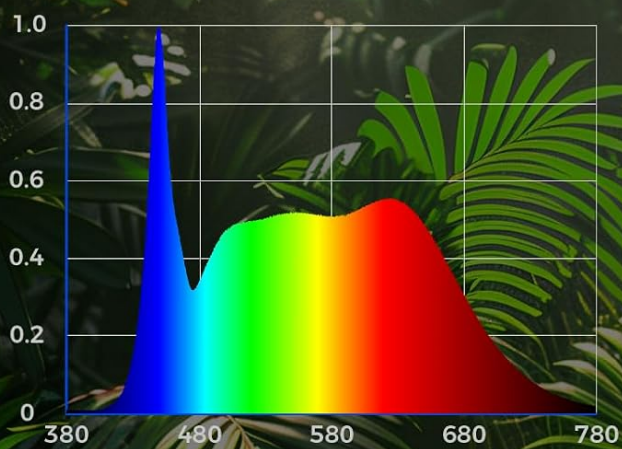
You can connect the lights using either the direct small connectors or the connecting cords for more spacing between fixtures.

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.

CRI: **98** **10W** High Output



Updated Chips

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



Figure 2: Two connection methods for Barrina T5 Grow Lights.

Important: Ensure only one power cord is connected to the power supply for the entire series of linked fixtures. When not connected to another fixture, please cover the open end with a dust cap.



Figure 3: Connecting the power cord and using a dust cap.

4.2. Mounting Options

Choose from three installation methods based on your setup:

1. **Double-sided Tapes:** For quick and easy attachment to smooth, clean surfaces.
2. **Clips + Screws:** For a more secure, permanent installation.
3. **Cable Ties:** Ideal for attaching lights to wire shelving or frames.

2 CONNECTION METHODS



39.37 INCHES
CONNECTING
CABLE



Figure 4: Available installation methods.

4.3. Video Guide for Installation

Watch this video for a visual guide on setting up and installing your Barrina T5 Grow Lights:

Video 1: Barrina T5 Series Grow Lights Full Spectrum, 5000K White. This video demonstrates the installation process and features of the grow lights.

For those using greenhouse cabinets, here's a video showcasing the lights in such a setup:

Video 2: Ideal for greenhouse cabinets!! This video shows the grow lights integrated into a greenhouse cabinet setup.

5. Operating Instructions

5.1. Full Spectrum Light

These Barrina T5 grow lights provide a 5000K white full spectrum light, designed to mimic natural sunlight. This spectrum is suitable for all growing stages of indoor plants, promoting healthy growth, blooming, and fruiting.

EASY TO USE

59 INCHES
POWER CORD



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

Figure 5: Full spectrum light output for all growing stages.

5.2. High PPFD Output

With a consumption of only 80W (for 8 lights) and 400 LEDs, these lights offer a high Photosynthetic Photon Flux Density (PPFD), ensuring over 95% of light energy is absorbed by plants. This makes them an excellent choice for plants in seedling, vegetative, and flowering cycles.



Figure 6: PPFD measurements at various distances.

5.3. Separately Controllable Lights

Each grow light fixture features an individual ON/OFF switch on its surface. This allows you to control lights separately or together, adjusting the light intensity according to your plants' specific PPFD requirements.



Figure 7: Individual ON/OFF switch for separate control.

5.4. Recommended Hanging Distance

Adjust the distance between the grow lights and your plants based on their growth stage:

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



Figure 8: Recommended light distances for optimal plant growth.

6. Maintenance

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

- **Cleaning:** Gently wipe the light fixtures with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically check all connections and cables for any signs of wear or damage. Replace any damaged components immediately.
- **Ventilation:** Ensure that the area around the lights remains well-ventilated to prevent heat buildup, which can affect light performance and lifespan.

7. 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 a working outlet.
 - Ensure the ON/OFF switch on the fixture is in the 'ON' position.
 - If multiple lights are linked, check the connections between each fixture.
- **Flickering Lights:**
 - Verify that all connections are tight and secure.
 - Ensure the power supply is stable and not overloaded.
- **Uneven Light Distribution:**
 - Adjust the hanging height of the lights to achieve uniform coverage.
 - Consider adding more fixtures if the coverage area is too large for the current setup.

If problems persist, please contact Barrina customer support.

8. Specifications

Feature	Specification
Brand	Barrina
Model Name	INWT504009650Ec (Item model number: MF10)
Light Source Type	LED
Light Color	5000K White Full Spectrum
Wattage (per light)	10 watts
Total Wattage (8-pack)	80 watts
Number of Light Sources	400 LEDs (total)
Light Output Maximum	8000 Lumens
Voltage	120 Volts
Product Dimensions	24"D x 6.69"W x 2.17"H
Item Weight	3.35 pounds
Material	Aluminum, Polycarbonate
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant
Linkable	Yes, up to 16 lights in series (2ft version)
Control Method	Push Button (on fixture)

9. Warranty and Support

This Barrina product comes with a **2-year warranty**. For warranty claims, technical support, or any questions regarding your Barrina T5 Grow Lights, please contact Barrina customer service through the retailer where you purchased the product or visit the official Barrina website for contact information. You can also find more information and support on the [Barrina Store on Amazon](#).

© 2026 Barrina. All rights reserved.

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