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Barrina T5 Grow Light Strip

Barrina T5 Full Spectrum LED Grow Light Strip User Manual

Model: T5 Grow Light Strip

1. INTRODUCTION

Thank you for choosing the Barrina T5 Full Spectrum LED Grow Light Strip. This manual provides essential information for the safe and efficient use of your new grow lights. Please read these instructions carefully before installation and operation, and retain them for future reference.

2. SAFETY INFORMATION

To ensure safe operation, please observe the following precautions:

- Always disconnect power before installation, cleaning, or maintenance.
- Do not operate the light strip if it is damaged.
- This product is designed for indoor use only. Do not expose to water or high humidity.
- Ensure the installation surface is stable and can support the weight of the light fixture.
- Do not stare directly into the LED lights when they are on, as this may cause eye strain.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Barrina T5 LED Grow Light Strips
- Power Cords
- Connecting Cables
- Installation Clips
- Screws

- Cable Ties
- Magnetic Bars with Double-Sided Tapes

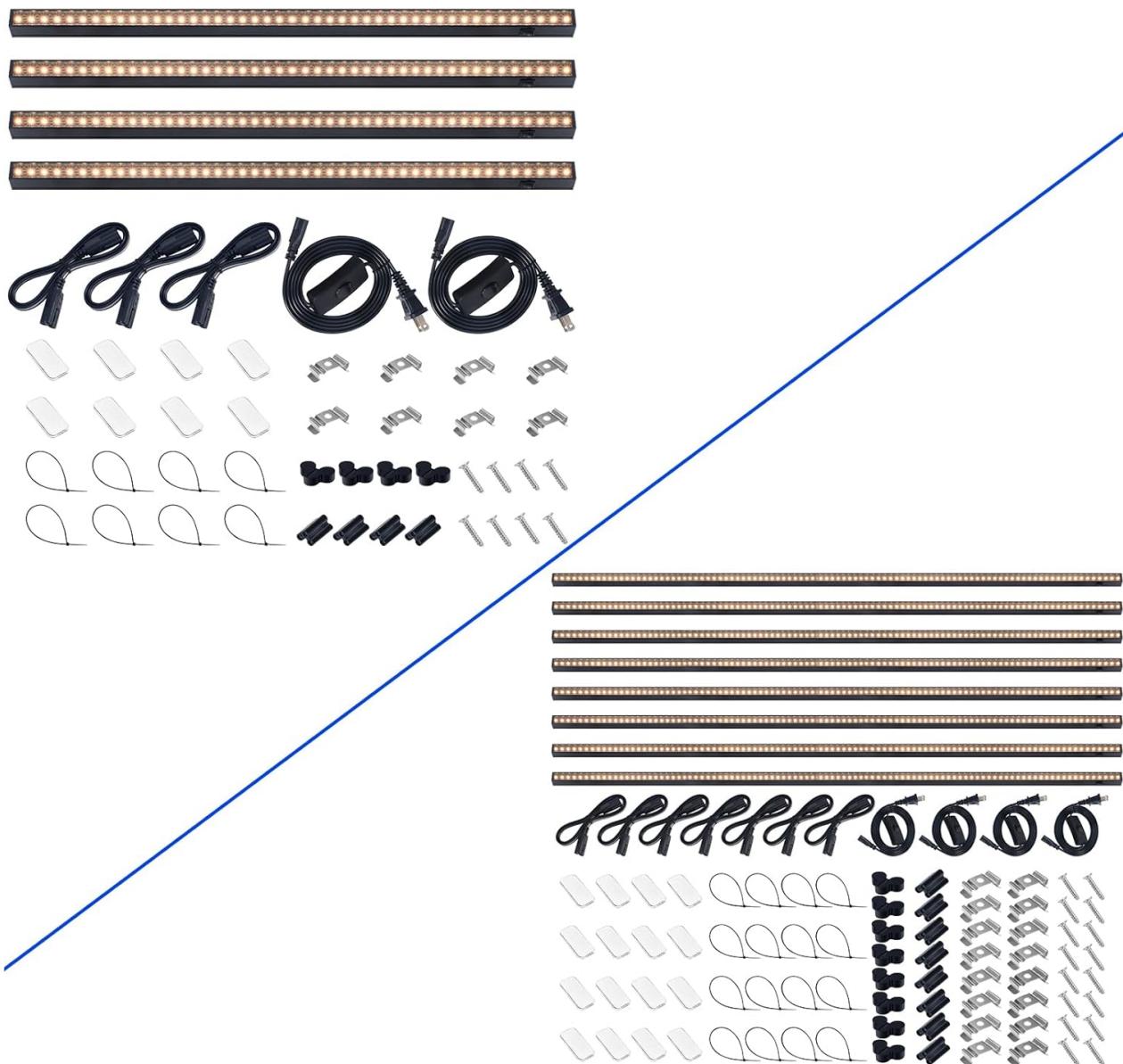


Image: Overview of Barrina T5 Grow Light Strip package contents, including light fixtures, power cords, connecting cables, clips, screws, cable ties, and magnetic bars.

4. SETUP AND INSTALLATION

The Barrina T5 Grow Light Strips offer multiple installation and connection methods for flexibility.

4.1 Installation Methods

Choose the most suitable method for your setup:

1. **Magnetic Bar Installation:** The light fixture can be directly attached to any magnetic surface. For non-magnetic surfaces, use the included magnetic bar with double-sided tape.
2. **Clip and Screw Installation:** Secure the provided clips to your desired surface using screws, then snap the light fixture into the clips.
3. **Cable Tie Installation:** Use the included cable ties to attach the light fixture to poles, racks, or other suitable structures.

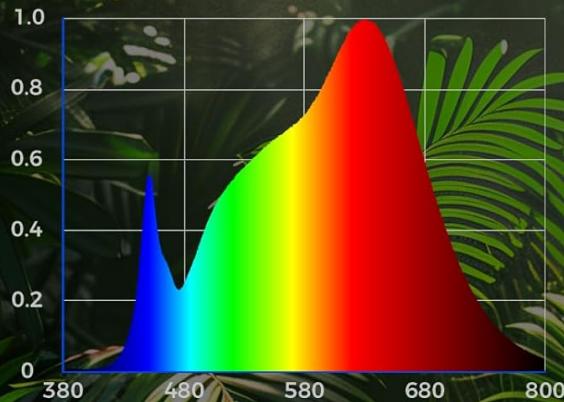
FULL SPECTRUM

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

20W High Output



Updated Chips

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



Image: Depicts three installation options: using magnetic bar and double tape, clips and screws, and cable ties.

THREE INSTALLATION



**OPTION
01**

Magnetic Bar and Double Tapes



**OPTION
02**

Clips + Screws



**OPTION
03**

Cable Ties

Image: Illustrates the magnetic bar installation method, showing direct attachment to a magnetic surface and attachment to a non-magnetic surface using the magnetic bar with double-sided tape.

4.2 Connection Methods

You can connect multiple light strips together:

- **Direct Connection:** Connect light strips end-to-end for a continuous lighting setup.
- **Connecting Cable:** Use the provided connecting cables to link light strips with a gap between them.

When not connecting to another fixture, ensure to cover the open end with the provided dust cap.



Image: Shows two connection methods: direct end-to-end connection and connection using a 19.6-inch cable. Also shows covering an unused end with a dust cap.

5. OPERATING INSTRUCTIONS

The Barrina T5 Grow Light Strips are designed for optimal plant growth.

5.1 Powering On/Off

Each grow light fixture features an individual ON/OFF switch on its housing. This allows you to control each light strip separately or together, depending on your plants' specific lighting requirements (PPFD).



Image: Illustrates the individual ON/OFF switch located on the housing of each Barrina T5 Grow Light Strip, allowing separate control.

5.2 Full Spectrum Lighting

These grow lights provide a full spectrum of light, closely mimicking natural sunlight. This spectrum supports photosynthesis throughout all stages of plant growth, from germination to flowering and fruiting, ensuring healthy development for your indoor plants.

UPGRADED MAGNETIC BAR INSTALLATION



OPTION 01

Directly attached to any magnetic surface by the back of the light



OPTION 02

Attached to any non-magnetic surface with the included magnetic bar and double-sided tape

Image: Displays a spectral power distribution graph, indicating the full spectrum output of the Barrina T5 Grow Light, suitable for all growing stages with enhanced blue and red wavelengths.

5.3 High PPFD for Optimal Growth

The Barrina T5 Grow Lights deliver high Photosynthetic Photon Flux Density (PPFD), maximizing photosynthesis efficiency. This promotes rapid and healthy plant growth by providing the necessary light intensity. Adjust the distance between the lights and your plants to achieve desired PPFD levels.

HIGH PPFD

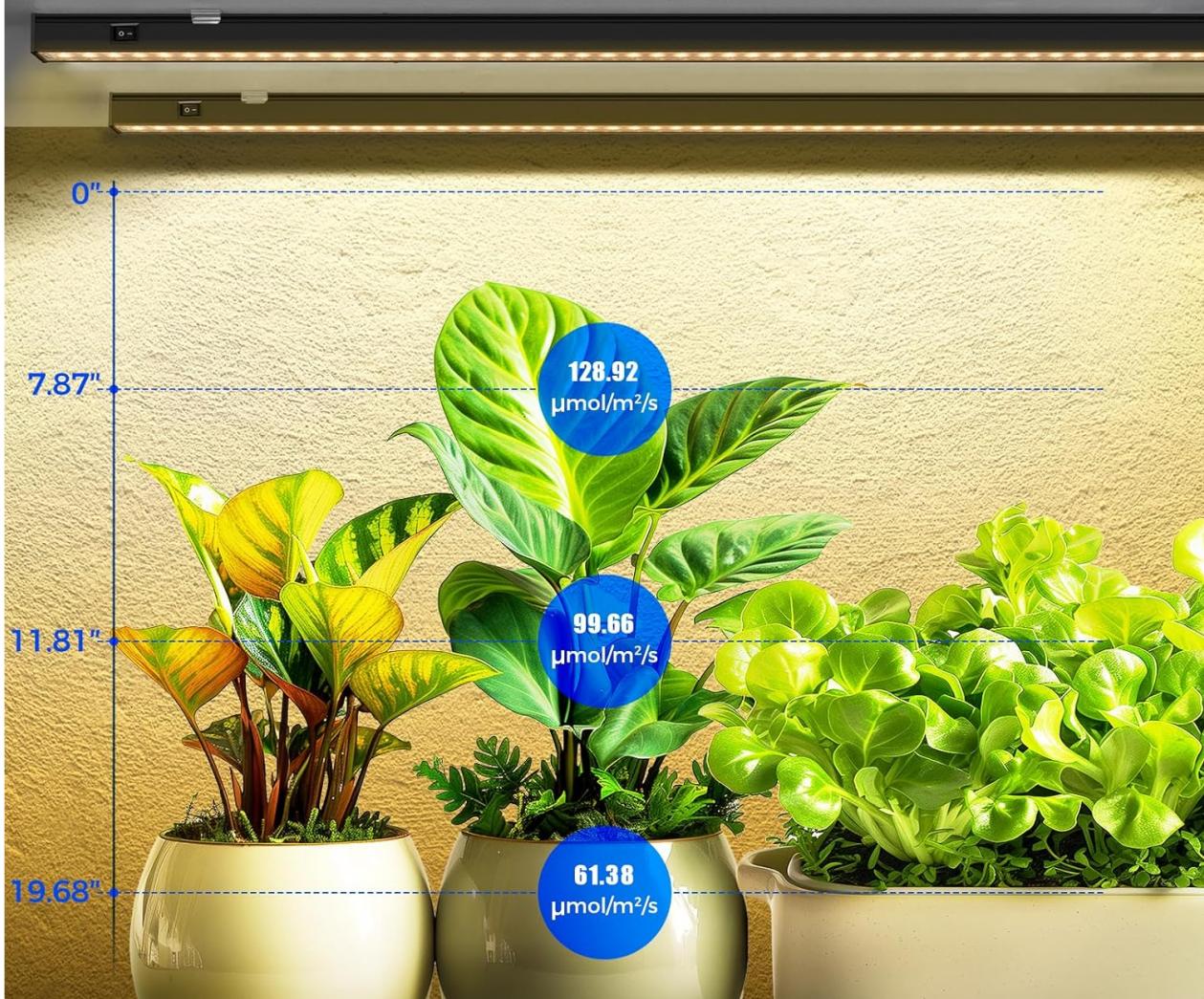


Image: Shows PPFD measurements at various distances from the Barrina T5 Grow Light, illustrating how light intensity changes with height above plants.



Image: A view of various plants thriving under Barrina T5 Grow Lights in an indoor growing setup, highlighting the effectiveness of the full spectrum lighting.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your grow lights.

- **Cleaning:** Ensure the light is off and cool before cleaning. Gently wipe the light strips with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check power cords and connecting cables for any signs of damage. Ensure all connections are secure.
- **Storage:** If storing the lights, ensure they are clean, dry, and stored in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

If you encounter issues with your Barrina T5 Grow Light Strip, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; loose connection; individual switch off	Check power outlet; ensure all cables are securely connected; verify the individual ON/OFF switch is in the 'ON' position.
Lights flicker	Loose connection; faulty power cord	Check all connections; try a different power cord if available.
Uneven light distribution	Improper placement; insufficient number of lights	Adjust light strip positions; consider adding more light strips for larger areas.

If the problem persists after trying these solutions, please contact Barrina customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Barrina
Model	T5 Grow Light Strip
ASIN	B0DRJJCBGF
Light Type	LED Full Spectrum
Power Consumption	20W (per strip)
Color Rendering Index (CRI)	98
Control	Individual ON/OFF Switch
Installation	Magnetic, Clips, Cable Ties
Connectivity	Direct linkable, connecting cables

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Barrina website or contact their customer service directly. Keep your purchase receipt as proof of purchase.