

Barrina K10R65

Barrina T1S Standing Grow Light Instruction Manual

Model: K10R65

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1. SAFETY INFORMATION

Please read all safety instructions carefully before operating the Barrina T1S Standing Grow Light. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the product's requirements.
- Do not operate the light with a damaged cord or plug.
- Keep the light away from water or other liquids. Do not immerse.
- Do not attempt to disassemble or modify the light. Contact qualified personnel for service.
- Unplug the light from the power outlet before cleaning or performing any maintenance.
- Avoid direct eye exposure to the light source for prolonged periods.
- Place the light on a stable, level surface to prevent tipping.

2. WHAT'S IN THE BOX

Verify that all components are present before assembly.

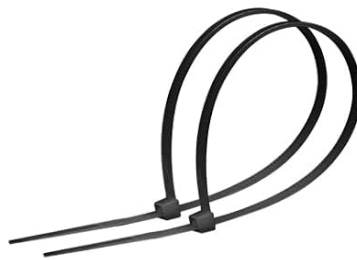
- T1S plant grow light

- Lamp Extension Rods (x2)
- Mechanical Timer
- Disc Base
- Installation Manual

PACKING LIST



Mechanical Timer



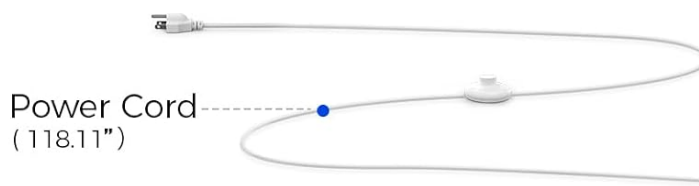
Zip Ties



Hook-and-loop Fastener



Extension Rod (11.81")



Power Cord
(118.11")

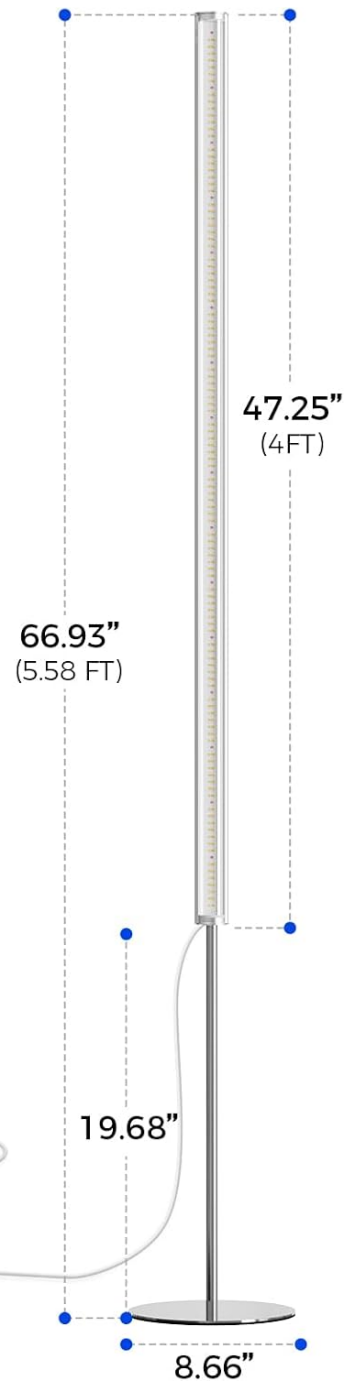


Figure 2.1: Package Contents of Barrina T1S Standing Grow Light.

3. PRODUCT FEATURES

- **Enhanced PPFD & 65W High-Efficiency Lighting:** The Barrina T1S Tera Series provides a powerful 65W output with an upgraded PPFD of 233.6 $\mu\text{mol}/\text{m}^2/\text{s}$ at 7.87 inches, ensuring optimal light coverage for indoor plants.



Figure 3.1: PPFD distribution of the T1S Grow Light.

- **Low-Glare Side Illumination with CRI 93:** Designed for dual use, the T1S combines functional plant lighting with comfortable brightness. Its 45° non-glare design and side illumination technology minimize eye strain when viewed from the side, while high CRI ensures accurate color rendering.



Figure 3.2: Non-Glare Side Illumination Design.

- **Full Spectrum & Adjustable Height:** Equipped with 660nm red wavelength chips, the Barrina T1S grow lights support all plant growth stages, from seedlings to flowering. Its adjustable height ranges from 5FT to 5.6FT, allowing precise positioning to match plant height and lighting needs.

FULL SPECTRUM

Satisfies plant
requirements in all stages

CRI: **93**

65W HIGH
OUTPUT

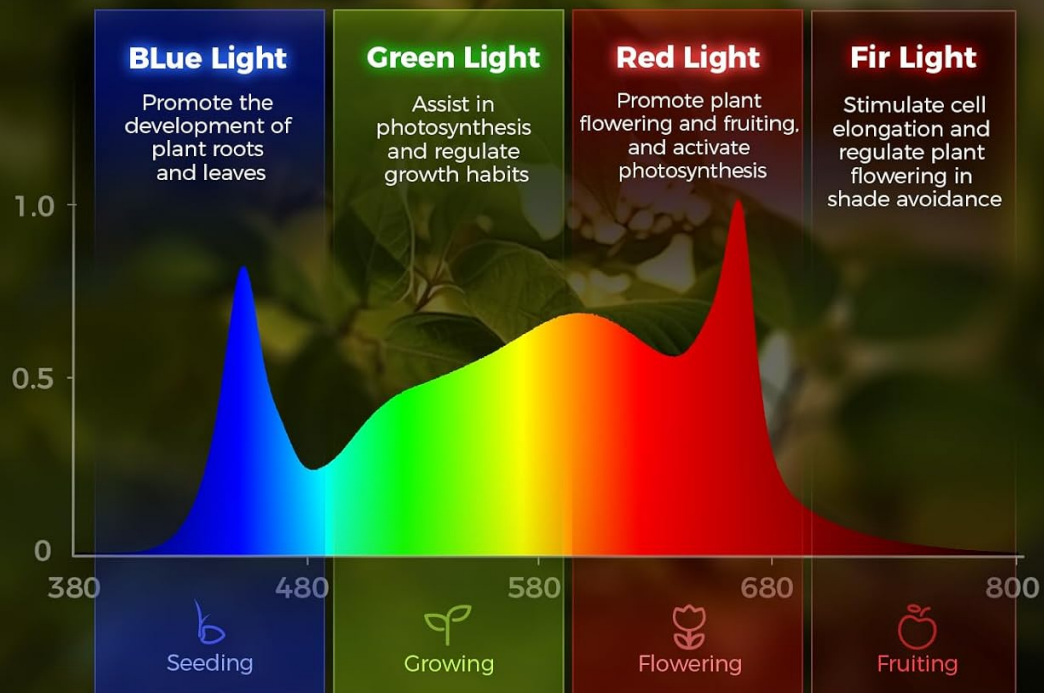


Figure 3.3: Full Spectrum Light for All Growth Stages.

ADJUSTABLE HEIGHTS

Accommodate Individual Planting Preferences with Ease



Figure 3.4: Adjustable Height Feature.

- **No Repetition Mechanical Timer & Foot Switch:** The mechanical timer retains your settings even after a power outage, eliminating the need for frequent resets. The integrated foot switch provides convenient on/off control.

MECHANICAL TIMER



AUTO-RESUME
AFTER OUTAGE



Easy
to Use



24 Hours
Daily Repeat



15-Minute
Intervals



Unlike common timers losing settings, mechanical devices auto-resume cycles

Figure 3.5: Mechanical Timer for Automated Operation.

- **Durable Design for Home:** The Barrina T1S Vertical plant light features a thicker round base and wider lamp diameter for enhanced heat dissipation and ultimate stability. Its aluminum construction ensures long-term performance.

IMPROVED HEAT DISSIPATION

& Ultimate Stability



Larger
Diameter



Figure 3.6: Enhanced Heat Dissipation and Stability.

Product Feature Comparison

Video 3.1: This video highlights the key differences between the Barrina T1S and T10 Pro models, focusing on features like wattage, light intensity, and design.

4. SETUP AND ASSEMBLY

1. **Unpack Components:** Carefully remove all items from the packaging and verify against the 'What's in the Box' section.
2. **Assemble the Base:** Attach the main light bar to the disc base. Ensure it is securely fastened to provide stability.
3. **Adjust Height (Optional):** The T1S comes with two extension rods. These rods can be used individually to adjust the height of the light. They are not designed to be combined to create a single, longer rod.

Video 4.1: This video clarifies that the T1S extension rods are for individual height adjustment and cannot be connected together.

4. **Position the Light:** Place the assembled grow light in the desired location, ensuring it is stable and not easily knocked over.
5. **Connect Power:** Plug the power cord into a standard electrical outlet.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- The Barrina T1S features a convenient foot switch. Simply step on the switch to turn the light ON or OFF.

5.2. Using the Mechanical Timer

The included mechanical timer allows you to automate the light cycle for your plants. It retains settings after a power outage.

1. **Clear Previous Settings:** Lift all the pins on the timer dial to the 'up' position to clear any previous settings.
2. **Set ON/OFF Times:** Push down the pins corresponding to the time range you want the light to be ON. Each pin represents 15 minutes. For example, to have the light on from 7:00 AM to 6:00 PM, push down all pins between the 7 and 18 marks on the dial.
3. **Set Current Time:** Rotate the dial clockwise until the arrow on the timer points to the current time.
4. **Activate Timer:** Ensure the side switch on the timer is set to the 'Clock' (timer) mode.
5. **Connect Light:** Plug the grow light's power cord into the timer, then plug the timer into a 3-prong wall socket. The timer will now operate the light according to your settings.

Video 5.1: This video demonstrates how to set up and use the mechanical timer for the Barrina T1S grow light.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the light bar and base with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord and plug for any signs of damage. If damage is found, discontinue use and contact customer support.
- **Storage:** If storing the grow light for an extended period, unplug it, disassemble if necessary, and store in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the outlet. Power cord or plug damaged. Foot switch is OFF. Timer is set to OFF.	Check the power outlet with another device. Inspect cord/plug for damage; do not use if damaged. Press the foot switch to ON. Check timer settings.
Timer not working correctly.	Pins not set correctly. Timer switch in wrong mode. Current time not set.	Ensure pins are pushed down for ON times and up for OFF times. Set the side switch to 'Clock' mode. Rotate dial to current time.
Light is flickering.	Loose connection. Power fluctuation.	Check all connections. Try plugging into a different outlet.

8. SPECIFICATIONS

Feature	Detail
Model Number	K10R65
Power Source	AC
Wattage	65 Watts
Light Output	2000 Lumens
Light Source Type	LED
Color Temperature	3000K+6500K+660nm (Full Spectrum)
Adjustable Height	5FT - 5.6FT (with extension rods)
Material	Aluminum
Special Features	Mechanical Timer, Foot Switch, Non-Glare Design
Item Dimensions (L x W x H)	66.93"L x 7.87"W x 7.87"H

9. WARRANTY AND SUPPORT

The Barrina T1S Standing Grow Light comes with a **2-year warranty** from the date of purchase.

For technical support, warranty claims, or any questions regarding your product, please contact Barrina customer service through the retailer's platform or visit the official Barrina website.

Please retain your proof of purchase for warranty purposes.