

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Bozily](#) /

> [Bozily IP67 Waterproof 450W Full Spectrum LED Grow Light Instruction Manual](#)

Bozily LED Grow Light

Bozily IP67 Waterproof 450W Full Spectrum LED Grow Light Instruction Manual

Model: LED Grow Light

1. INTRODUCTION

The Bozily IP67 Waterproof 450W Full Spectrum LED Grow Light is designed to provide optimal lighting conditions for various plant growth stages. This manual outlines the proper installation, operation, and maintenance procedures to ensure efficient and effective use of your grow light.

2. KEY FEATURES

- **380~830nm High Efficiency Full Spectrum:** Provides uniform, high-illumination warm light suitable for all plant growth stages, including seedling, blooming, and fruiting. Supplements natural sunlight deficiencies.
- **Energy Saving & Long Life:** Utilizes advanced integrated LED light source technology for brighter natural light with reduced energy consumption. High-temperature resistant LED light source offers a service life of 10,000 hours.
- **Super IP67 Waterproof Grade:** Engineered with high-density aviation aluminum, a silicone-protected button switch, and dual-protection LED light sources, achieving an IP67 waterproof rating. Certified by FCC, CE, and ROHS.
- **Multiple Installation Methods:** Includes stainless steel hooks and fall-proof ropes for hanging. A 180-degree adjustable bracket allows for wall or floor mounting, providing flexible light positioning.
- **Humanized Detail Design:** Features an ultra-thin profile (1 inch thickness), fast heat dissipation, and noiseless operation due to 32 ventilation holes and high-density aviation aluminum. No fan ensures a quiet environment.

3. SETUP AND INSTALLATION

The Bozily LED Grow Light offers versatile installation options to suit various environments. Ensure the power is disconnected before installation.

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts are present: LED grow light unit, stainless steel hooks, and fall-proof ropes.

3.2 Mounting Options

The light can be installed in three primary ways:

1. Hanging Installation:

Attach the stainless steel hooks to the designated points on the grow light's bracket. Use the fall-proof ropes to securely hang the light from a sturdy overhead structure. Adjust the height as needed for optimal plant coverage.



Image: The Bozily LED Grow Light shown hanging from a ceiling, illustrating the hanging installation method.

2. Wall-Mounted Installation:

Utilize the 180-degree adjustable bracket. Securely fasten the bracket to a wall using appropriate hardware (not included). Adjust the angle of the light to direct illumination towards your plants.



Image: A diagram illustrating the wall-mounted installation option for the grow light.

3. Floor/Ground Freestanding:

The adjustable bracket also allows the light to stand independently on a flat surface. Position the light on the floor or ground and adjust the bracket to direct the light upwards or at an angle.

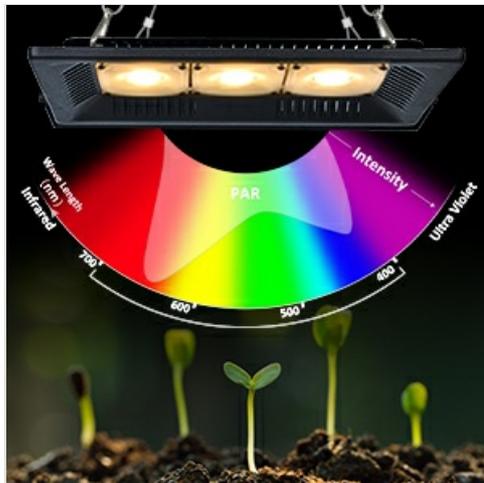


Image: A diagram illustrating the ground-mounted or freestanding option for the grow light.

For a visual guide on installation, please refer to the video below:

Your browser does not support the video tag.

Video: This video demonstrates the various installation methods for the Bozily LED Grow Light, including hanging and adjusting the bracket.

4. OPERATING INSTRUCTIONS

The Bozily LED Grow Light is designed for simple operation.

4.1 Power Connection

Connect the power cord to a standard 110V electrical outlet. The light features a silicone-protected button switch on the power cable for easy on/off control.



Image: Close-up of the Bozily LED Grow Light's power cable with the integrated on/off switch.

4.2 Light Spectrum and Plant Stages

This full-spectrum light (380~830nm) is suitable for all stages of plant growth. Adjust the distance between the light and your plants based on their specific needs and growth stage. Younger plants or seedlings may require the light to be further away, while mature plants might benefit from closer proximity.

**MORE
FLOURISH**



**MORE
PRODUCTIVE**



**MORE
COLORFUL**



Image: A diagram illustrating the full spectrum (380-830nm) provided by the Bozily LED Grow Light, highlighting its suitability for various plant stages.

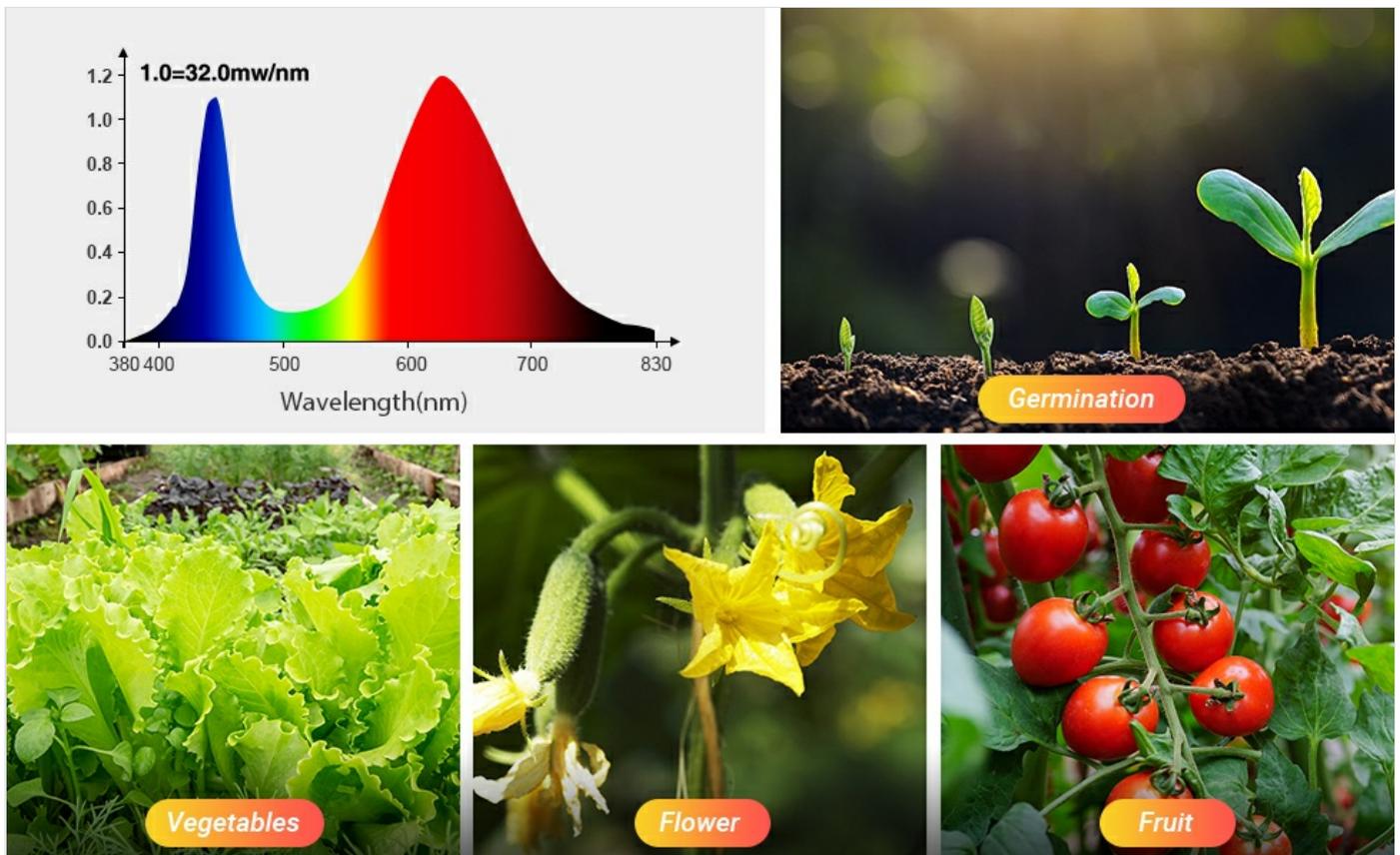


Image: Visual representation of the grow light's effectiveness for germination, vegetables, flowers, and fruits.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Bozily LED Grow Light.

- **Cleaning:** Ensure the light is unplugged before cleaning. Gently wipe the surface of the light and LED lenses with a soft, dry cloth to remove dust and debris. Avoid using abrasive cleaners or solvents.
- **Heat Dissipation:** The light features an efficient heat dissipation system with 32 ventilation holes and high-density aviation aluminum. Ensure these ventilation areas are not obstructed to maintain optimal cooling and prevent overheating.
- **Waterproof Features:** The IP67 waterproof rating protects against water ingress. However, avoid submerging the unit or directing high-pressure water jets directly at it.

Fast Heat Dissipation

High-density aviation aluminum material

5
years
lifetime



Image: Diagram showing heat dissipation from the back of the Bozily LED Grow Light, indicating efficient cooling without a fan.

6. TROUBLESHOOTING

If you encounter issues with your Bozily LED Grow Light, refer to the following common troubleshooting steps:

- **Light Not Turning On:**

- Check if the power cord is securely plugged into the outlet and the light.
- Ensure the on/off switch on the power cable is in the "on" position.
- Test the outlet with another device to confirm it is receiving power.

- **Reduced Light Output:**

- Clean the LED lenses to remove any dust or debris that may be obstructing the light.
- Ensure proper ventilation to prevent overheating, which can affect LED performance.

- **Unusual Noise:**

- The Bozily LED Grow Light is designed to be noiseless as it does not use a fan. If you hear unusual noises, disconnect power immediately and contact customer support.

If these steps do not resolve the issue, please contact Bozily customer service for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	Bozily
Model Number	LED Grow Light
Power Source	Corded Electric
Voltage	110 Volts
Wattage	450 Watts
Light Source Type	LED
Brightness	2000 Lumen
Spectrum	Full Spectrum (380~830nm)
Waterproof Rating	IP67
Material	Aluminum, Stainless Steel
Product Dimensions	14.5 x 9.5 x 1 inches
Item Weight	3 Pounds
Mounting Type	Hanging, Wall, Floor Freestanding
Bulb Features	Not Dimmable
Certifications	FCC, CE, ROHS

8. WARRANTY AND SUPPORT

Bozily provides a **2-year full-device warranty** for this product. For any questions, technical support, or warranty claims, please contact Bozily customer service. Refer to your purchase documentation for specific contact details or visit the official Bozily website.

We are committed to providing friendly and responsive customer service.

