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## OGVDOE LEDZWD-1139

# OGVDOE BW1000 LED Grow Light User Manual

Model: LEDZWD-1139 | Brand: OGVDOE

### 1. INTRODUCTION

The OGVDOE BW1000 LED Grow Light is a full-spectrum lighting solution designed to support the healthy growth of indoor plants through all stages, from germination to fruiting. Utilizing advanced LED technology, this grow light provides optimal light wavelengths to enhance photosynthesis and promote robust plant development. Its dual switch system allows for customized lighting based on specific plant needs.



*This image displays the OGVDOE BW1000 LED Grow Light in operation, providing full-spectrum light to a variety of indoor plants, including leafy greens, flowering plants, and fruiting plants like tomatoes and strawberries. The light panel is suspended above the plants, demonstrating its intended use.*

## 2. PRODUCT FEATURES

- **High-Performance Materials:** Constructed with a high-performance aluminum substrate for superior heat dissipation, ensuring the light operates at lower temperatures (10°C to 15°C below other bulbs). This design helps prevent plant burn and extends the lifespan of the light.
- **Dual VEG & BLOOM Switch:** Features independent VEG and BLOOM switches for precise control over the light spectrum. The VEG mode promotes chlorophyll absorption and seedling growth, while the BLOOM mode stimulates overall plant growth, flowering, and fruiting. Using both switches can significantly increase plant yield by 20-30% compared to other full-spectrum LED lights.
- **Excellent Full Spectrum:** Equipped with high-quality LED diodes (3000K, 6000K, 730nm, 610nm, 465nm, 395nm) to provide a light spectrum closely resembling natural sunlight. This comprehensive spectrum supports all stages of plant development.

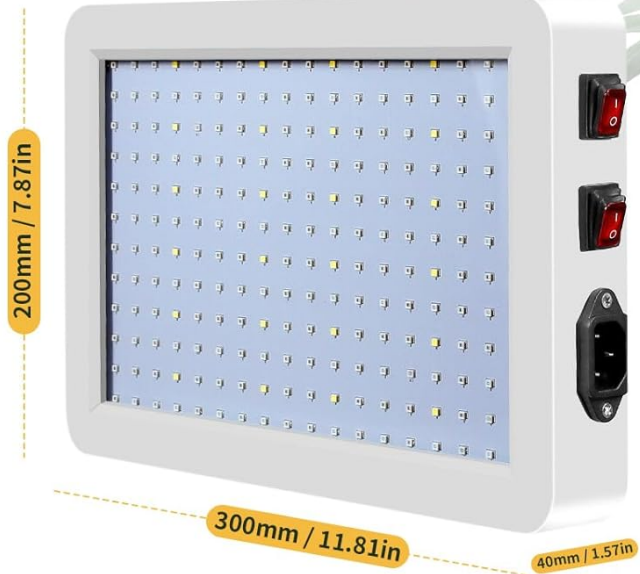
- **Easy Installation:** Includes an adjustable rope hanger, allowing users to freely adjust the hanging height according to the plant's growth stage. This flexibility ensures plants receive the optimal light intensity for increased harvest and budding rates.
- **Wide Application:** Suitable for all growth stages of various plants, including herbs, succulents, vegetables, bonsai, potted plants, orchids, lemons, peppers, tomatoes, and algae. Ideal for grow tents, hydroponic systems, greenhouses, and indoor gardening setups.
- **Waterproof and Leak-Proof Design:** Features a fully sealed, waterproof design, making it suitable for use in wet or humid environments. This enhances durability and safety.

### 3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following components are included in your package:

- 1 x OGVD OE BW1000 LED Plant Lamp
- 1 x Stainless Steel Hanger Hook
- 1 x Adjustable Rope Hanger
- 1 x User Manual (this document)
- 1 x 1.5m Power Cable

# PRODUCT SIZE



1500mm



Power Line

1600mm



Lanyard

300mm



Wire Rope

*This image illustrates the physical dimensions of the OGVD OE BW1000 LED Grow Light, measuring 300mm (11.81in) in length, 200mm (7.87in) in width, and 40mm (1.57in) in thickness. It also shows the included accessories: a 1500mm power line, a 1600mm lanyard, and a 300mm wire rope for hanging.*

## 4. SETUP

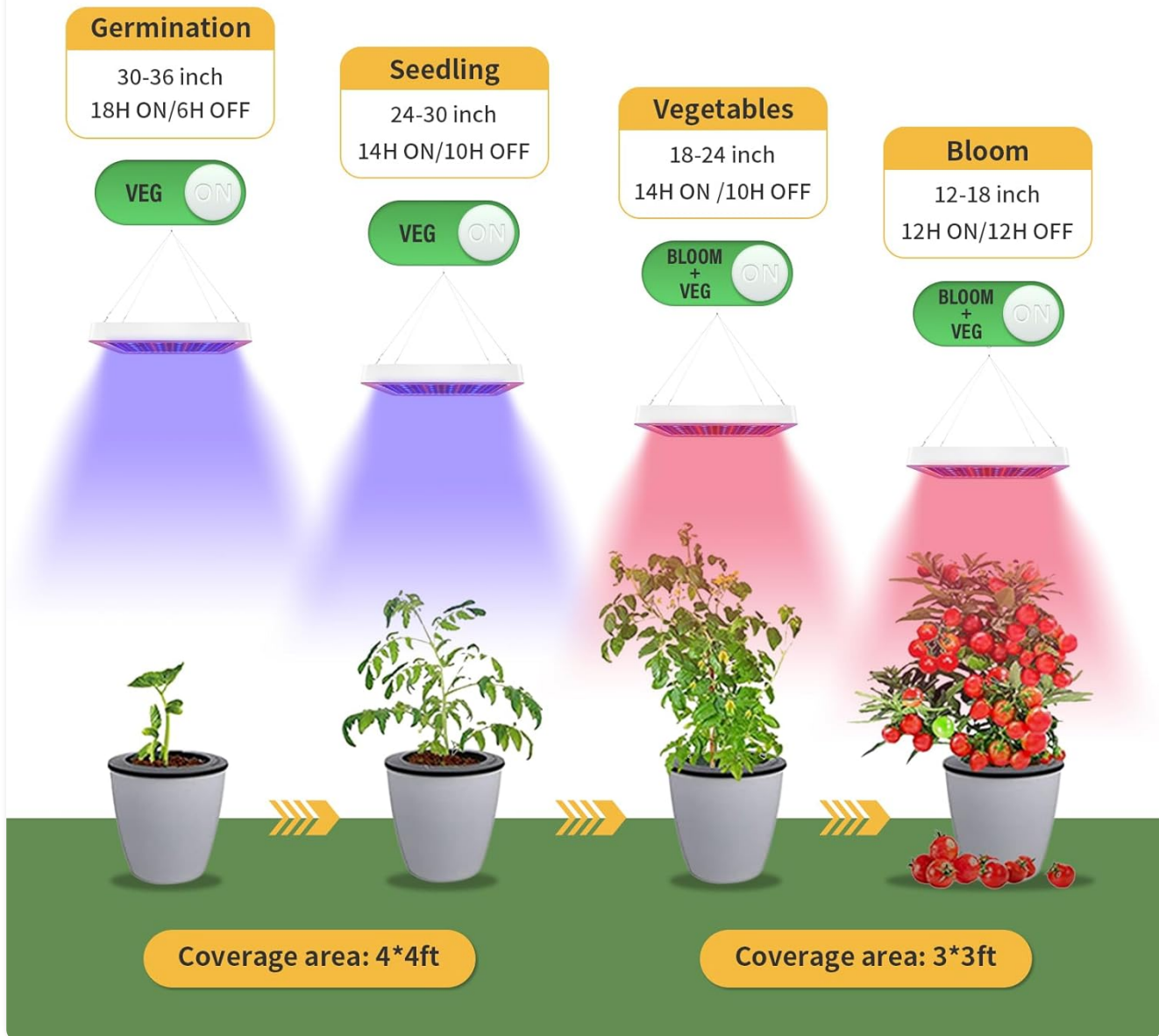
Follow these steps to set up your OGVD OE BW1000 LED Grow Light:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Assemble Hangers:** Attach the stainless steel hanger hook to the top of the grow light. Connect the adjustable rope hanger to the stainless steel hook.
3. **Positioning:** Hang the grow light securely above your plants using the adjustable rope hanger. Ensure it is stable and level.
4. **Adjust Hanging Height:** Adjust the height of the light above your plants according to their current growth stage. Refer to the recommended heights below for optimal results:
  - **Germination Phase:** 30-36 inches (76-91 cm) above plants.

- **Vegetative Phase:** 24-30 inches (61-76 cm) above plants.
- **Flowering Phase:** 18-24 inches (46-61 cm) above plants.
- **Fruiting Phase:** 12-18 inches (30-46 cm) above plants.

5. **Connect Power:** Plug the 1.5m power cable into the grow light's power input, then plug the other end into a suitable electrical outlet.

## Recommended Hanging Height and Light Duration



This image provides a visual guide for the recommended hanging height and light duration for the OGVD OE BW1000 LED Grow Light at different plant growth stages. It shows settings for Germination (30-36 inches, 18H ON/6H OFF), Seedling (24-30 inches, 14H ON/10H OFF), Vegetables (18-24 inches, 14H ON/10H OFF), and Bloom (12-18 inches, 12H ON/12H OFF), along with approximate coverage areas.

## 5. OPERATING INSTRUCTIONS

The OGVD OE BW1000 LED Grow Light features a dual switch system for optimal plant growth at different stages:

- **VEG Switch:** Turn on the VEG switch for the germination and vegetative growth phases. This mode provides a light spectrum (430-660nm) that promotes chlorophyll absorption and strong seedling development.

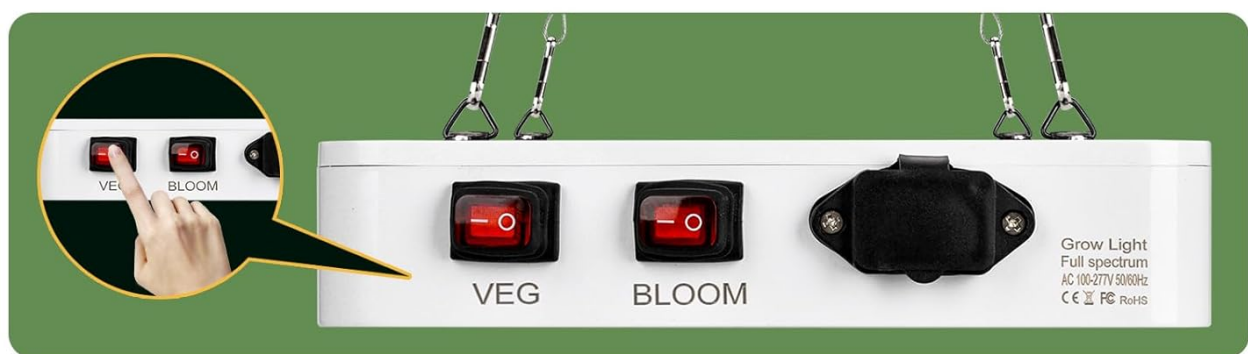
- **BLOOM Switch:** Turn on the BLOOM switch for the flowering and fruiting phases. This mode delivers a light spectrum (430-740nm) that stimulates flower and fruit production.
- **VEG + BLOOM Switches:** For enhanced growth during the flowering and fruiting stages, or for plants requiring a more intense full spectrum, turn on both the VEG and BLOOM switches simultaneously.

#### Recommended Light Duration:

- **Germination Phase:** 18 hours ON / 6 hours OFF per day.
- **Vegetative Phase:** 14 hours ON / 10 hours OFF per day.
- **Flowering Phase:** 14 hours ON / 10 hours OFF per day.
- **Fruiting Phase:** 12 hours ON / 12 hours OFF per day.

## DUAL SWITCH DESIGN

Switching plant growth period, flowering period, fruiting period



VEG mode promotes plant germination and contains 430-660nm



BLOOM mode promotes plant flowering and fruiting and contains 430-740nm



BLOOM+VEG Two switches for flowering and fruiting of all plants

*This image details the dual switch design of the OGVD OE BW1000 LED Grow Light. It shows the 'VEG' switch, the 'BLOOM' switch, and how they can be used independently or together. Visual representations demonstrate the light spectrum for VEG mode (promoting germination), BLOOM mode (promoting flowering and fruiting), and combined VEG+BLOOM mode (for all plant growth stages).*

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your grow light:

- **Cleaning:** Regularly wipe the light panel with a soft, dry cloth to remove dust and debris. Ensure the light is unplugged before cleaning. Do not use liquid cleaners directly on the LEDs or electrical components.
- **Ventilation:** Ensure adequate air circulation around the grow light to prevent heat buildup. While the light has excellent heat dissipation, good ventilation further enhances its performance and lifespan.
- **Connection Check:** Periodically inspect the power cable and connections for any signs of wear or damage. Ensure all connections are secure.
- **Waterproof Features:** The light is designed to be waterproof and leak-proof. However, avoid submerging the unit or exposing it to direct water jets.

## WATERPROOF AND LEAK PROOF

Fully sealed waterproof design for use in wet locations



*This image highlights the waterproof and leak-proof design of the OGVDOE BW1000 LED Grow Light, indicating its suitability for use in humid environments. It shows a close-up of the stainless steel lanyard hook, the waterproof and dustproof cover for the power input, and the sealed switches for VEG and BLOOM modes.*

## 7. TROUBLESHOOTING

If you encounter issues with your OGVDOE BW1000 LED Grow Light, refer to the following common problems and solutions:

- **Light Not Turning On:**

- Ensure the power cable is securely plugged into both the light and the electrical outlet.
- Check if the electrical outlet is functional by plugging in another device.
- Verify that both the VEG and BLOOM switches on the light are in the 'ON' position, or at least one is.

- **Poor Plant Growth:**

- Review the recommended hanging heights and light durations for your plant's specific growth stage (refer to Section 4 and 5). Adjust as necessary.
- Ensure you are using the correct VEG/BLOOM mode for the current growth phase.
- Check other environmental factors such as water, nutrients, temperature, and humidity.

- **Overheating:**

- Ensure the light has adequate ventilation and is not obstructed.
- Verify the ambient room temperature is within acceptable limits for grow lights.

If the issue persists after attempting these solutions, please contact customer support.

## 8. SPECIFICATIONS

Specification	Value
Brand	OGVDOE
Model Number	LEDZWD-1139
Dimensions (L x W x H)	30 x 20 x 4 cm (11.81 x 7.87 x 1.57 inches)
Weight	1 Kilogram (1000 Grams)
Material	Aluminum, Acrylonitrile Butadiene Styrene (ABS)
Input Voltage	85-265 Volts
Effective Power	24 Watts
LED Quantity	216
Lumens	739 lm
Wavelength / Spectrum	Full Spectrum (3000K, 6000K, 730nm, 610nm, 465nm, 395nm)
Switch Style	Dual Switch (VEG, BLOOM)
Included Components	Stainless Steel Hanger Hook, Adjustable Rope, User Manual, 1.5m Power Cable
Color	White

## 9. SAFETY INFORMATION

Please read and adhere to the following safety guidelines to prevent injury or damage:

- Always unplug the grow light from the power outlet before cleaning, maintenance, or relocation.
- Do not look directly into the LED lights when the unit is operating, as prolonged exposure can cause eye strain or damage.
- Ensure the grow light is installed in a well-ventilated area to prevent overheating.
- Keep the grow light away from flammable materials.
- Do not attempt to disassemble or modify the grow light. Refer all servicing to qualified personnel.
- This product is designed for indoor use only. Do not expose it to outdoor elements.
- Keep out of reach of children and pets.

## 10. WARRANTY AND SUPPORT

For any questions, technical support, or warranty inquiries regarding your OGVDOE BW1000 LED Grow Light, please contact OGVDOE customer service through the retailer's platform or the official OGVDOE website. Please have your model number (LEDZWD-1139) and purchase information ready when contacting support.

