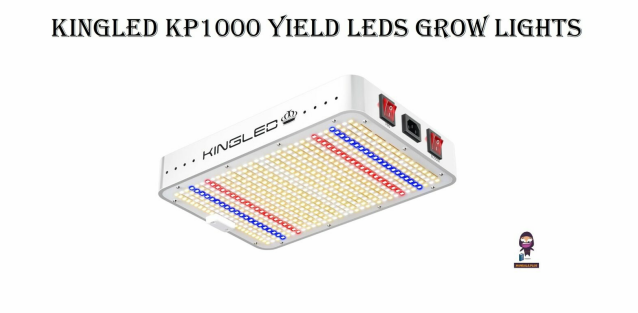
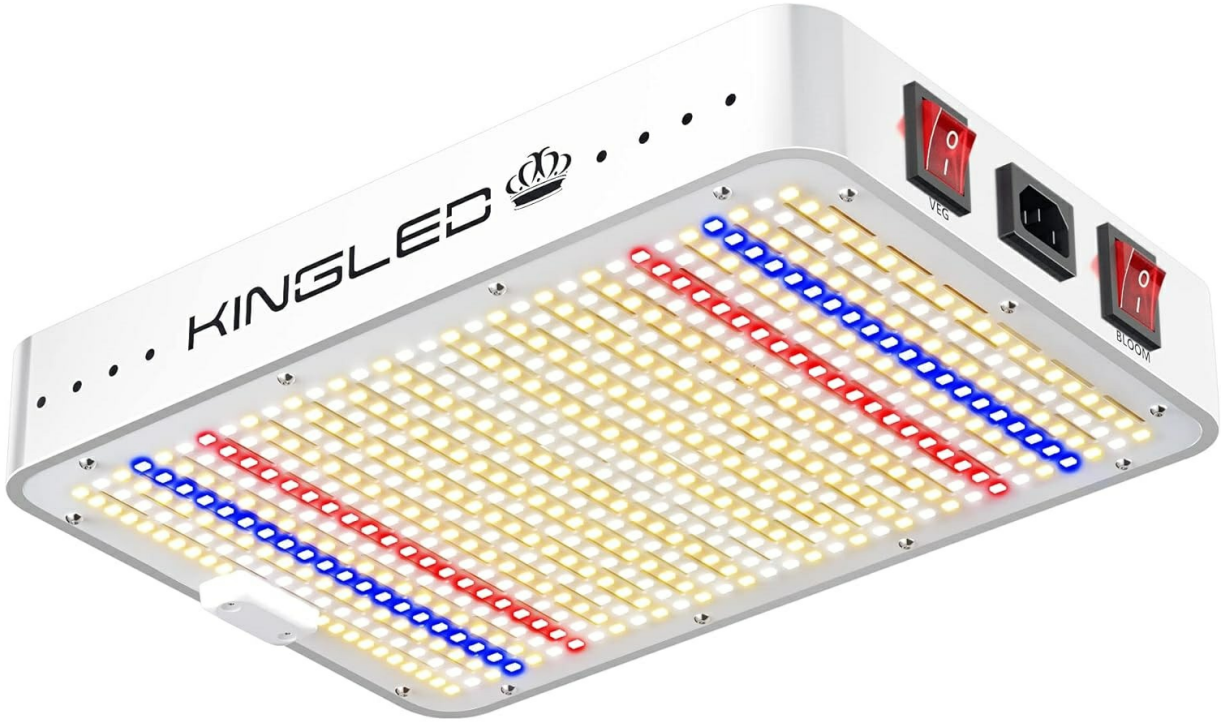


KingLED KP1000 Yield LEDs Grow Lights User Manual

Contents

KingLED KP1000 Yield LEDs Grow Lights



Introduction

KingLED KP1000 Yield LED Grow Lights are a high-quality lighting solution designed for indoor plant growth. The KingLED KP1000 Yield LED Grow Lights are manufactured by KingLED, a reputable company known for producing advanced LED grow lights for indoor gardening. The KingLED KP1000 Yield LED Grow Lights are designed to provide plants with the optimal light spectrum needed for various growth stages, promoting healthy and vigorous plant development. These lights are energy-efficient, durable, and suitable for a wide range of indoor gardening applications.

Specifications

General

Brand	KingLED
Wattage	1000 watts
Special Feature	Low Cost, Sunlight Full Spectrum, High Efficiency, Veg/Bloom
Specific Uses for Product	Promote plant growth
Light Color	Red
Voltage	265 Volts
Color Temperature	3000 Kelvin
Brightness	3870 Lumen
Material	Aluminum
Light Source Type	LED
Product Dimensions	12 x 2.36 x 8.9 inches
Weight	4.1 Pounds
Country of Origin	USA

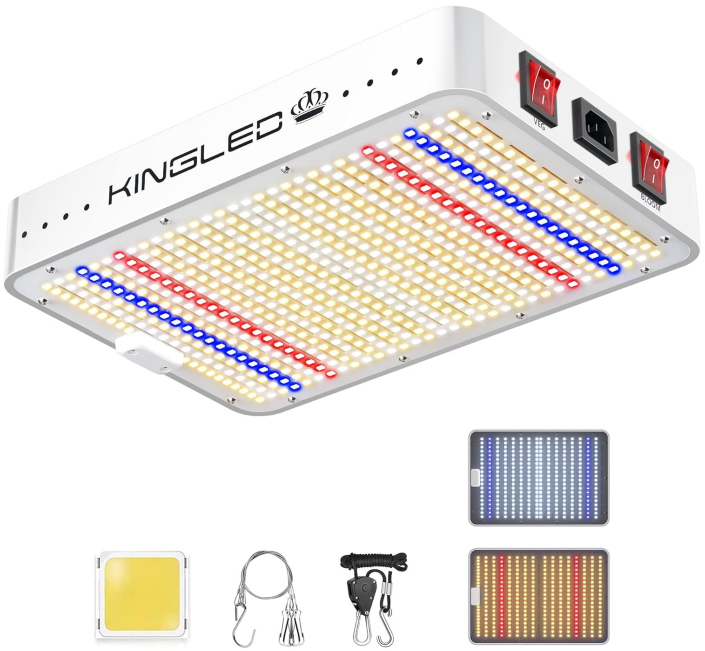
Technical Information

- **Type**: LED Grow Lights
- **Power**: 1000W
- **Coverage**:
  - Vegetative Coverage: 2ft x 2ft
  - Flowering Coverage: 2ft x 2ft
- **Spectrum**: Full Spectrum
- **Additional Features**:
  - Double Chips
  - Includes UV and IR for optimal plant growth

Box Contents

The box contents for the KingLED 1000w LED Grow Lights typically include:

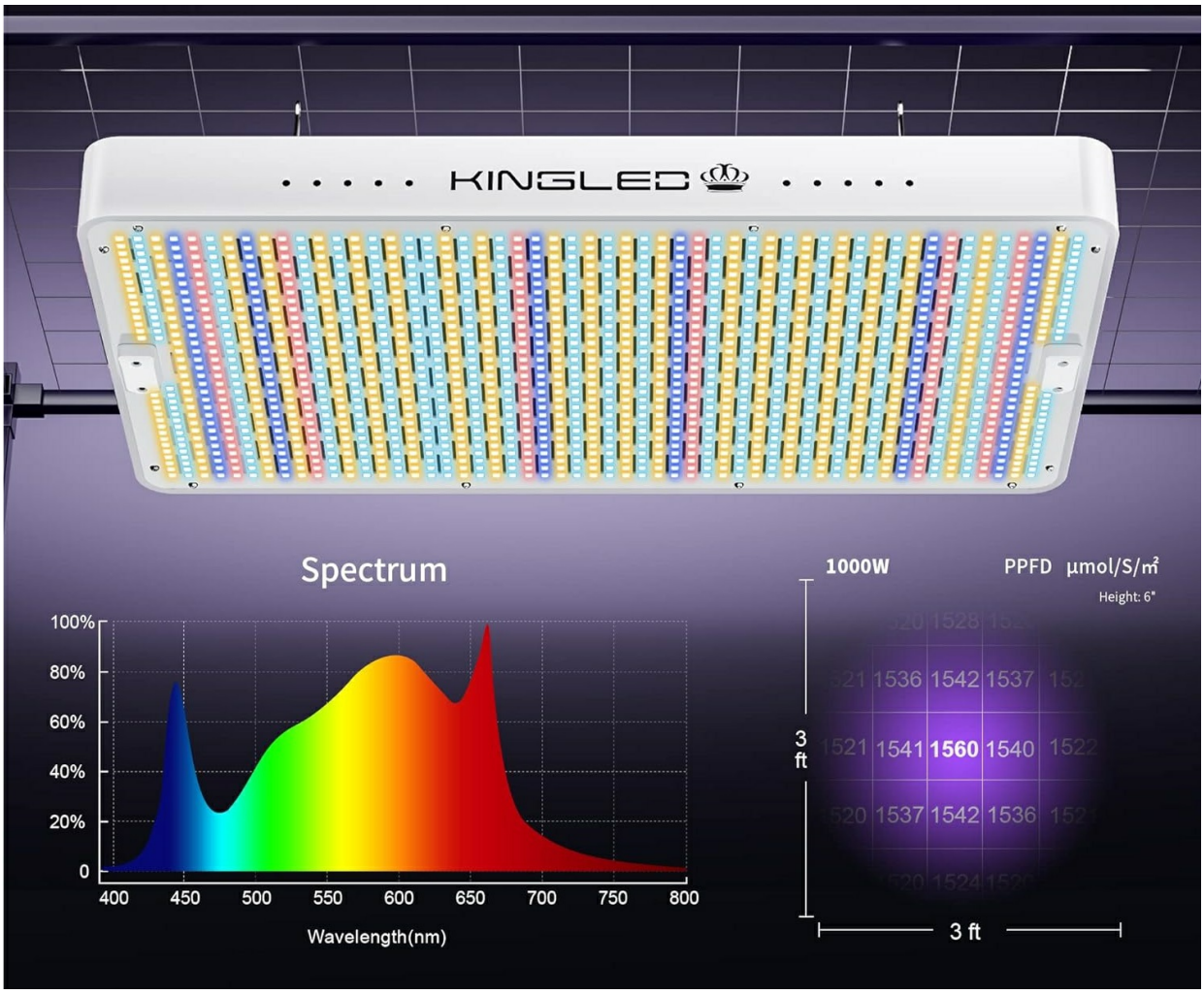
- KingLED 1000w LED Grow Light
- Power cord
- Hanging kit (hanging ropes or hooks)
- User manual



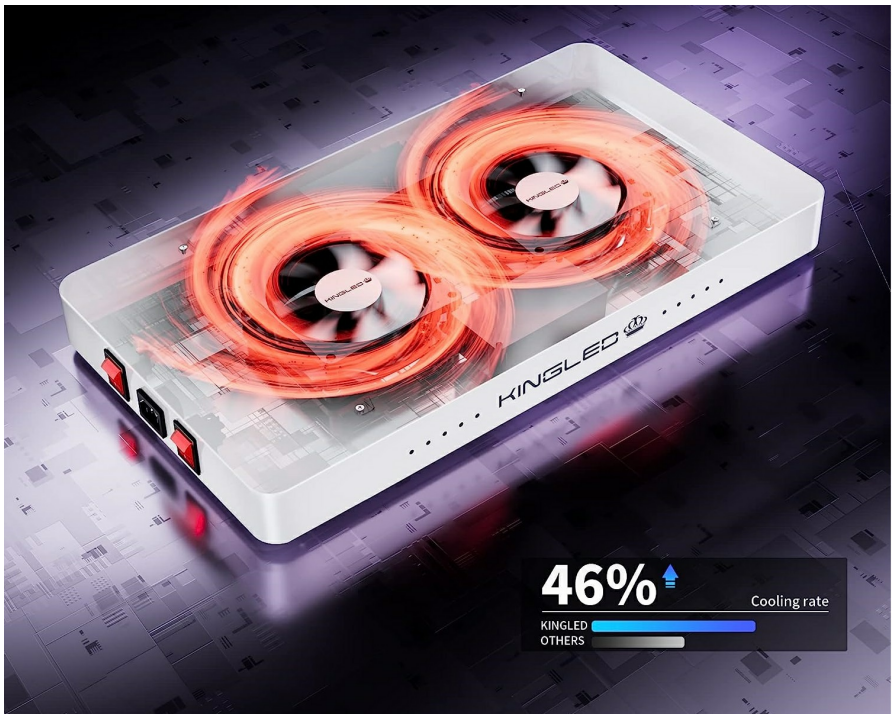
Features

- **Superior LED Grow Light:** Utilizes the newest LED technology to deliver increased PAR output and energy efficiency, measuring 2.8 umol/J, which guarantees better light penetration. Ideal coverage for a 2 by 2 foot space, suitable for both vegetative and flowering stages.

- **Full Spectrum Lighting:** This type of lighting gives plants access to the whole range of natural light, with changes made to provide the best possible spectrum for plant growth. To optimize harvest yields, vegetable and bloom modes address various development stages, from seedling to flowering.



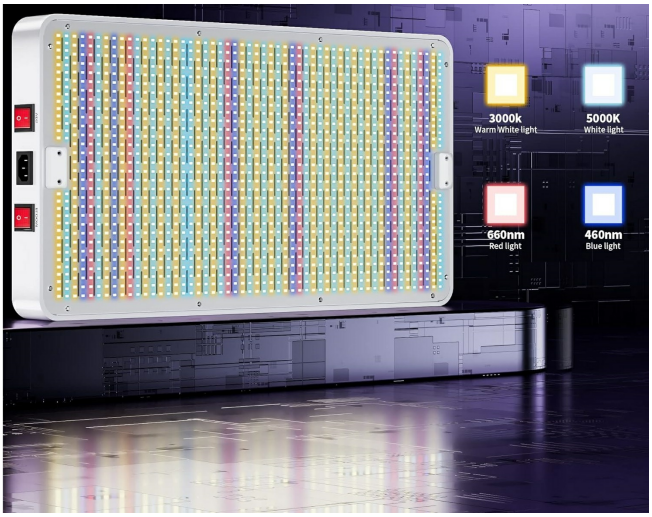
- **Cost-Effective Operation:** Energy savings over conventional HPS/MH lights are achieved through the use of sophisticated SMD LEDs and reflector technology. It uses just 110W of power, which means that even with its high output, it saves electricity and produces brighter light.



- **Robust Design:** Furnished with several silent, high-speed fans and modernized aluminum radiators to sustain

chilly temperatures (between 50°F and 60°F) while in use. This lessens the likelihood of plant burn and increases the light's lifespan, which lowers the need for regular replacements.

- **Expert Service:** Provided with a 90-day free return policy and a 3-year warranty, guaranteeing customers' piece of mind. The committed after-sales support staff at KingLED offers timely help and support for any questions or issues.

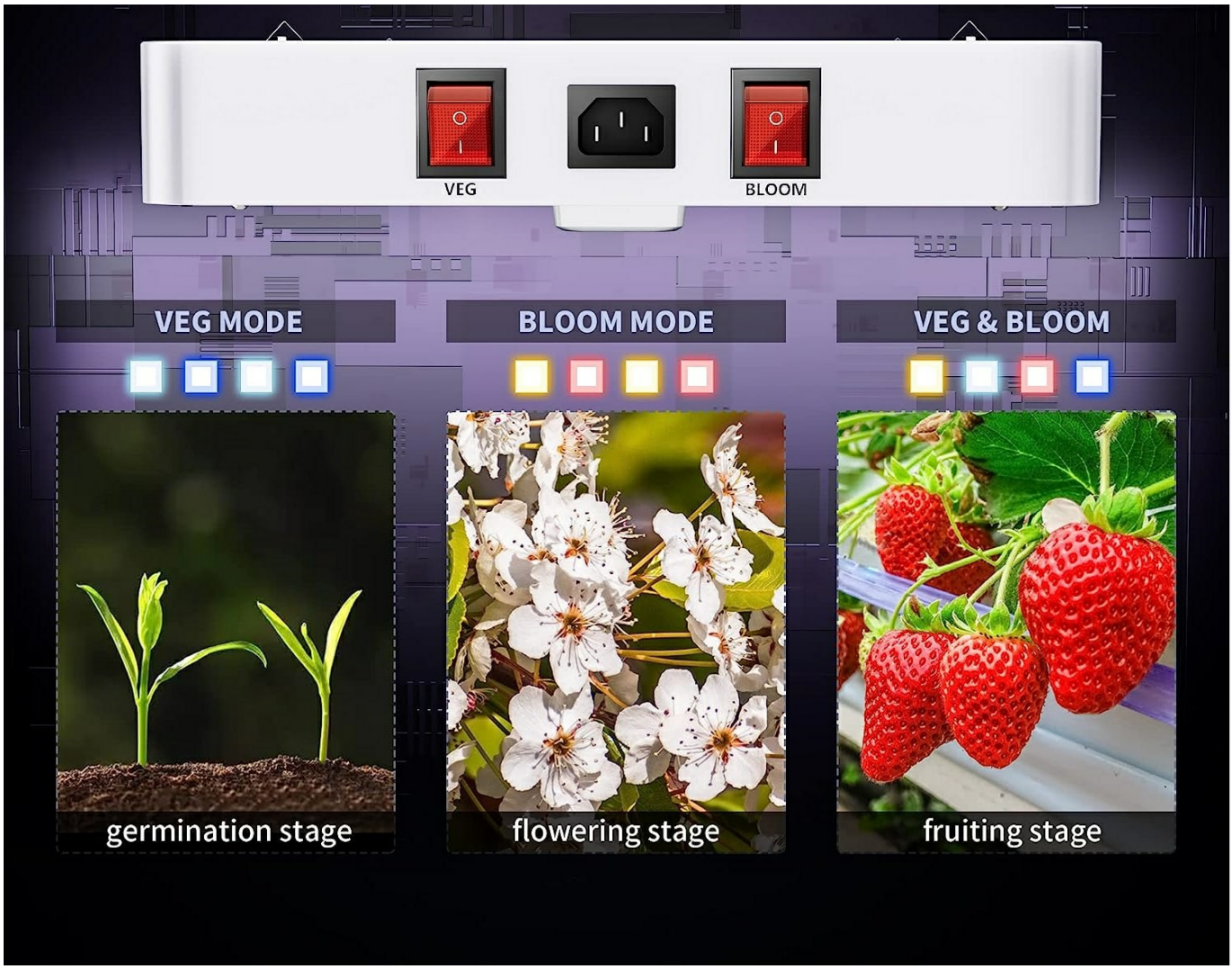


Usage Instructions

Assembly/Installation:

- Unbox the KingLED KP1000 Grow Light and carefully inspect all components.
- Hang the light fixture securely using the included hanging kit or mounting hardware. Ensure it is positioned at the appropriate height above your plants.
- Connect the power cord to a compatible power outlet.

Lamp Selection:



- The KingLED KP1000 offers three lighting modes: VEG, BLOOM, and VEG/BLOOM.
- Choose the appropriate mode based on the growth stage of your plants:
    - VEG mode: Suitable for the seedling and vegetative stages.
    - BLOOM mode: Ideal for the flowering and fruiting stages.
    - VEG/BLOOM mode: Combines both VEG and BLOOM spectra for comprehensive plant growth.

Consider the following table for choosing the right lamp for the right plant

TENTSIZE	KP1000W	KP2000W	KP3000W	KP4000W
1.7x3	1000W*1	2000W*1	—	—
2x2	1000W*1	2000W*1	—	—
2.7x2.7	1000W*1	2000W*1	3000W*1	—
3x2	1000W*1	2000W*1	3000W*1	—
3x3	1000W*1	2000W*1	3000W*1	—
4x2	1000W*2	2000W*1	3000W*1	—
4x4	1000W*2	2000W*2	3000W*1	4000W*1
5x2	1000W*2	2000W*2	3000W*1	4000W*1
5x5	1000W*3	2000W*2	3000W*2	4000W*2
8x4	1000W*6	2000W*4	3000W*4	4000W*3
8x8	1000W*12	2000W*8	3000W*8	4000W*4
10x5	1000W*10	2000W*6	3000W*6	4000W*3
10x10	1000W*16	2000W*12	3000W*8	4000W*6

Modes Adjustment:

- Use the push-button controller to switch between the different lighting modes.
- Press the button to cycle through VEG, BLOOM, and VEG/BLOOM modes until the desired setting is reached.
- Adjust the duration of each mode according to the specific requirements of your plants.

Light Spectrum:

- The KingLED KP1000 provides a full spectrum of light tailored to meet the needs of plants throughout their growth cycle.
- The spectrum includes wavelengths of light essential for photosynthesis, including blue, red, infrared (IR), and ultraviolet (UV) light.
- This balanced spectrum promotes healthy growth, flowering, and fruiting, resulting in higher yields and better quality harvests.

Care and Maintenance

- Periodically clean the surface of the LED grow light fixture using a soft, dry cloth to remove dust and debris.
- Avoid using abrasive cleaners or solvents, as they may damage the surface of the fixture or affect light transmission.
- Check the fans and ventilation openings of the grow light regularly to ensure they are free from dust and obstructions.
- Use a small brush or compressed air to gently clean the fan blades and vents, improving airflow and cooling efficiency.
- Proper ventilation is essential for maintaining optimal operating temperatures and prolonging the lifespan of the LEDs.
- Periodically inspect the power cord, plug, and connections for any signs of damage, wear, or loose connections.
- If any damage is detected, discontinue use of the grow light and replace the damaged components immediately to prevent electrical hazards.
- Keep track of the operating temperature and humidity levels in your grow space to ensure they remain within the recommended range for plant growth.
- High temperatures can affect the performance and lifespan of the LED grow light, while excessive humidity can promote mold and mildew growth.
- Consider installing a surge protector or voltage regulator to protect the LED grow light from power surges or fluctuations.
- Perform regular inspections of the grow light and surrounding environment to identify any potential issues early and address them promptly.

Troubleshooting Guide

Issue	Solutions
Light Fails to Turn On	1. Ensure power cord is securely plugged into a functioning outlet.
	2. Check power switch to ensure it's in the "On" position.
	3. Verify no issues with electrical circuit or breaker.
Uneven Light Distribution	1. Adjust height and position of LED grow light for uniform coverage.
	2. Check for obstructions blocking light from reaching certain areas.
Dim or Flickering Light	1. Inspect power cord and connections for damage or looseness. Replace if needed.
	2. Ensure dimming function is set to desired brightness level and functioning properly.
	3. Check for electrical circuit issues or voltage fluctuations affecting performance.
Excessive Heat or Noise	1. Ensure ventilation slots and fans are unobstructed and functioning properly. Clean if needed.
	2. Adjust height of LED grow light to prevent excessive heat buildup.
	3. Contact KingLED customer support if noise persists.
LEDs Not Emitting Light	1. Inspect LEDs for damage or malfunction. Service or replace unit if needed.
	2. Check electrical connections and ensure power supply is functioning properly.
Inconsistent Plant Growth	1. Ensure LED grow light provides appropriate spectrum for growth stage. Adjust settings as needed.
	2. Monitor environmental factors such as temperature, humidity, and airflow for impact on plant growth.

Customers' Reviews

Here are some customer reviews for the KingLED KP1000 Yield LED Grow Lights:

- **Review 1**:
  - Customers appreciate the value, growth, size, and brightness of the light fixture. They find it worth the investment, aiding in faster seedling growth, and suitable for small grow spaces.
  - Some customers mention the brightness of the light fixture, highlighting its effectiveness and the full spectrum it provides.
- **Review 2**:
  - Users are satisfied with the performance of the light fixture, noting its flawless operation, compact design, and powerful output. The fans work well to maintain a suitable temperature in the grow tent.
  - The light is commended for its heat dissipation and compactness, making it ideal for use in a tent.
- **Review 3**:
  - Customers praise the size of the light, mentioning its perfect fit for small grows and its ability to cover the advertised footprint while dispersing heat effectively.
  - The light is described as compact yet powerful, exceeding expectations in terms of brightness and suitability for a 4′ x 4′ grow tent.

Warranty

The warranty for the KingLED KP1000 Yield LED Grow Lights is as follows:

- **Duration:** 3 years
- **Coverage:** Professional service and free return for 90 days.
- **Support:** KingLED Laboratory has over seven years of experience with a dedicated after-sale service team proficient in design, sales, and production to provide the best products and service to customers.

If you have any questions or issues, please feel free to contact KingLED customer support, and they will respond within 24 hours to provide a satisfactory resolution.

Contact Information

- **Company Name**: Shenzhen King Lighting Co., Ltd
- **Email**: info@kingledlights.com
- **Contact Person**: Tina Ruan
- **Website**: KingLED Official Contact Page

For any queries or assistance, you can reach out to Tina Ruan or send an email to the provided address. Additionally, you can visit their official website for more information or to contact them through their contact page.

FrequentlyAsked Questions

What is the power consumption of the KP1000 compared to traditional HPS/MH lamps?

The KP1000 consumes only 110W compared to traditional 400W HPS/MH lamps, resulting in significant energy savings.

Does the KP1000 provide full spectrum lighting?

Yes, the KP1000 provides full spectrum lighting with adjusted proportions to match the spectrum required for plant growth.

What is the warranty period for the KP1000?

The KP1000 comes with a 3-year warranty, along with free return for 90 days.

How can I adjust the lighting modes on the KP1000?

The KP1000 features three lighting modes: Veg mode, Bloom mode, and Veg & Bloom mode, which can be adjusted using the push-button controller.

What should I do if the KingLED KP1000 lights flicker intermittently?

Check the power cord and connections to ensure they are secure and undamaged. If the issue persists, contact KingLED customer support for further assistance.

How can I prevent the KingLED KP1000 lights from overheating?

Ensure that the ventilation slots are not blocked and that the fans are functioning properly. Adjust the height of the KingLED KP1000 lights to maintain an appropriate distance from the plants and prevent excessive heat buildup.

What should I do if some LEDs on my KingLED KP1000 are not emitting light?

Inspect the LEDs for signs of damage or malfunction. If any LEDs appear dim or fail to illuminate, the unit may require servicing or replacement. Contact KingLED customer support for assistance.

How can I achieve optimal light distribution for my plants using the KingLED KP1000 lights?

Adjust the height and position of the KingLED KP1000 LED grow lights to ensure uniform coverage of your plants. Avoid placing objects that obstruct the light from reaching certain areas of your plants.

What should I do if the dimming function on my KingLED KP1000 is not working properly?

Check the dimming function settings and ensure that it is set to the desired brightness level. If the issue persists, contact KingLED customer support for assistance.

How can I optimize the spectrum for different growth stages of my plants using the KingLED KP1000 lights?

Adjust the lighting modes (Veg, Bloom, or Veg & Bloom) according to the specific growth stage of your plants. Ensure that the spectrum provided by the KingLED KP1000 lights matches the requirements of the plants at each stage.

What should I do if the KingLED KP1000 lights do not turn on at all?

Ensure that the power cord is securely plugged into a functioning power outlet and that the power switch on the KingLED KP1000 LED grow light is in the On position. If the issue persists, check the electrical circuit or breaker and contact KingLED customer support if necessary.

How can I troubleshoot inconsistent plant growth under the KingLED KP1000 lights?

Ensure that the KingLED KP1000 LED grow light is providing the appropriate spectrum of light for the specific growth stage of your plants. Monitor environmental factors such as temperature, humidity, and airflow, as these can also impact plant growth. Adjust the settings as needed to optimize plant growth.

Video- Product Overview

https://manuals.plus/wp-content/uploads/2024/03/KingLED-KP1000-Yield-LEDs-Grow-Lights-Video.mp4

References

- User Manual