BoostGro GL24BLKS1 LED Seed Starter Grow Light Instruction Manual

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BoostGro GL24BLKS1 LED Seed Starter Grow Light

INTRODUCTION

A high-performance lighting solution made especially for indoor plant development and seed beginning is the BoostGro GL24BLKS1 LED Seed Starter Grow Light. At $24.99, this light offers indoor gardeners of all skill levels an economical yet efficient solution. This grow light, which was produced by Boost Lighting, Inc. and released on January 16, 2024, is designed to replicate natural sunshine and promote healthy photosynthesis by producing 1900 lumens of brightness with a color temperature of 5000 Kelvin. With an easy-to-use in-line switch for quick control and a corded electric power source, the 16-watt LED light has a sleek, contemporary style. For seed beginning, the light is ideal since it fosters robust root systems and vigorous growth in the crucial early phases. For any indoor gardening effort, the BoostGro GL24BLKS1 provides dependability and efficiency with an FCC certification and a 3-year limited guarantee.

SPECIFICATIONS

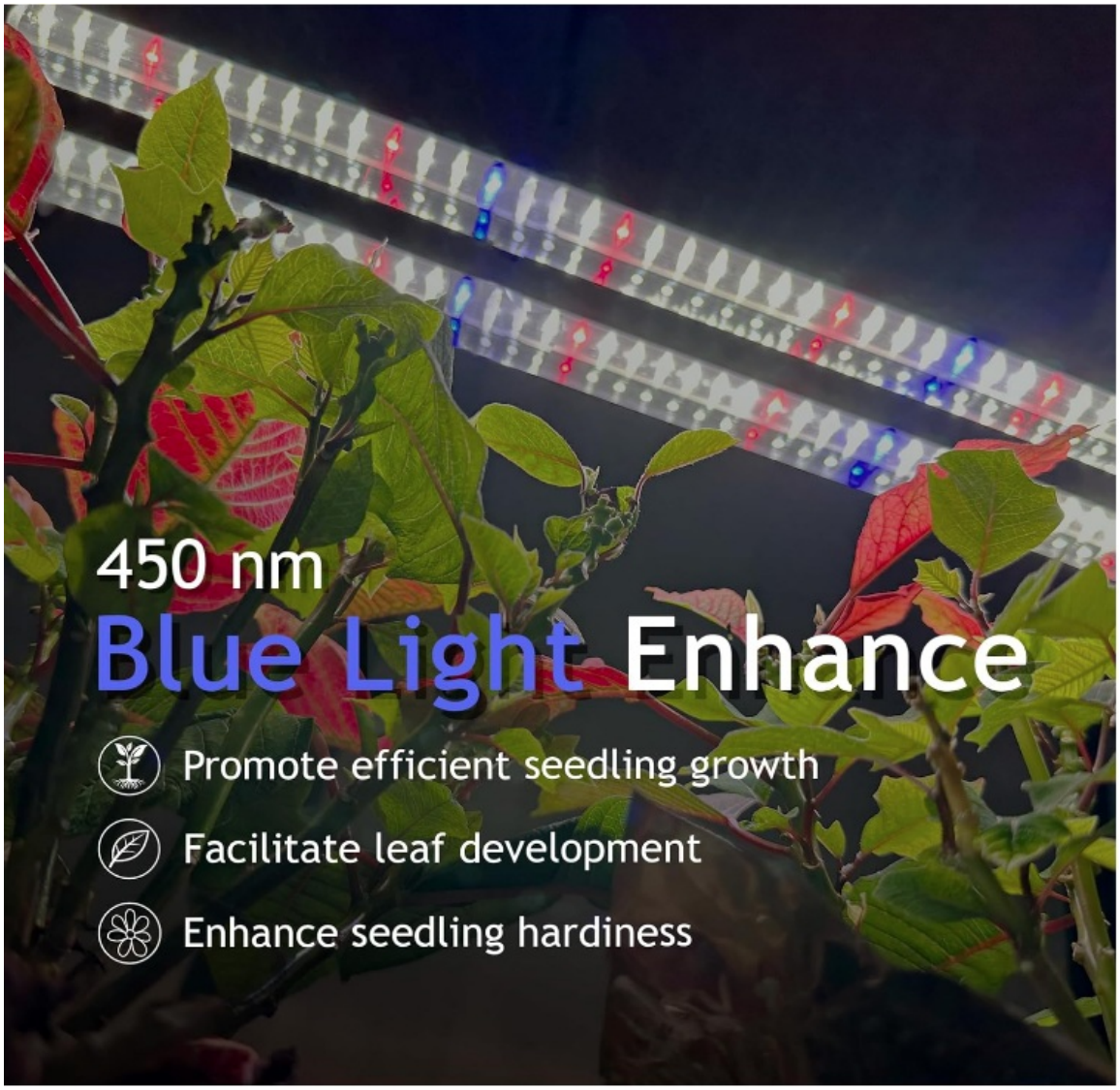
Brand	BoostGro
Price	$24.99
Product Dimensions	24 L x 3.54 W x 1.42 H inches
Power Source	Corded Electric
Control Method	App
Light Source Type	LED
Voltage	120 Volts
Specification Met	FCC
Wattage	16 watts
Switch Type	In-line Switch
Brightness	1900 Lumen
Color Temperature	5000 Kelvin
Weight	12.8 ounces
Item Model Number	GL24BLKS1
Date First Available	January 16, 2024
Manufacturer	Boost Lighting, Inc.
Warranty	3-year limited warranty

WHAT'S IN THE BOX

- LED Seed Starter Grow Light
- Manual

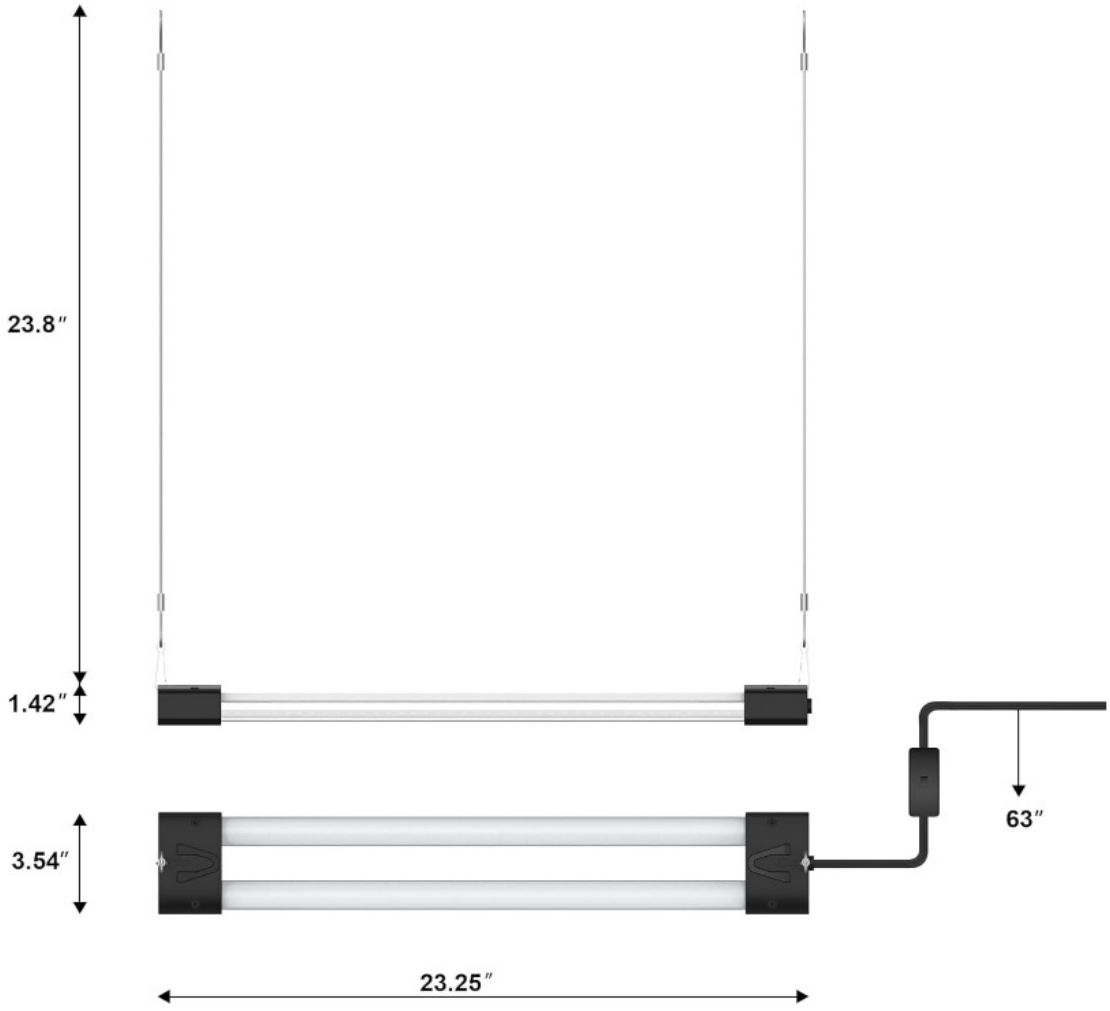
FEATURES

- **Full Spectrum Light**: By simulating the entire spectrum of sunshine, the BoostGro GL24BLKS1 LED Seed Starter Grow Light offers the ideal light quality for every stage of plant development.
- **Blue-Light Enhancement**: This type of light enhancement is ideal for seed beginning and is specifically made to promote robust growth in young leaves, assisting plants in building a solid base for future development.



- **Red-Light Enhancement**: Contains a red-light (660 nm) enhancement that promotes strong, healthy development and is perfect for plants that are sprouting, blossoming, and fruiting.
- **Energy-efficient**: It uses only 16 watts of energy to produce 1900 lumens of light and 28.8 µmol/s PPF, which means your plants will be well-lit without using a lot of energy.
- **Low Heat Output**: The grow lamp produces very little heat, protecting your plants from possible heat damage while yet providing them with the light they need to thrive.
- **Adaptable Installation Choices**: The design allows for a variety of mounting or hanging choices, and the two-foot hanging wire that comes with it gives you flexibility for your expanding arrangement.
- **Easy Control**: The lamp has an inline switch that allows you to quickly and easily turn it on or off without having to plug it in and unhook it.
- **Linkable Design**: As your project expands, you may extend your lighting arrangement by daisy chaining up to four units together, connecting them per power circuit.
- **FCC-Certified**: The BoostGro GL24BLKS1 is FCC-certified, which guarantees safe operation by adhering to safety standards for electrical devices.
- **Damp-Rated**: Because of its damp-rated nature, this grow lamp may be used in humid settings including grow rooms, greenhouses, and indoor gardens.
- **5000K Daylight Spectrum**: This light promotes healthy plant growth by producing a cool, white light that is comparable to daylight and has a color temperature of 5000 Kelvin.
- **Compact and Lightweight**: The light is easy to install and reposition due to its thin profile (23.8 x 3.54 x 1.42

inches) and light weight of only 1.1 pounds.



- **Sturdy & Long-Lasting**: With an average lifespan of 30,000 hours, the grow lamp is built to last, guaranteeing that your investment will pay off in the long run.
- **Reasonably priced**: It offers a cost-effective and energy-efficient solution for your indoor plant lighting requirements, and it costs $19.98.

SETUP GUIDE

- **Unpack the Grow Light**: The BoostGro GL24BLKS1 LED Seed Starter Grow Light should be unpacked first. Examine the light fixture, hanging cord, and inline switch.
- **Select the Best Spot**: Look for a spot where the light can reach your plants well, preferably above your plant containers, seed trays, or seedlings.
- **Install the Hanging Cable**: Fasten the two-foot hanging cable that comes with the grow lamp to the mounting points or hooks. Make sure the cable is firmly attached.
- **Hang the Light**: Depending on the size of your plants, hang the light from the ceiling or place it on a wall or shelf. Above your plants, make sure the light is positioned uniformly.
- **Connect the Light to an Electrical Outlet**: Connect the light to a 120V electrical outlet. Verify the plug's fit to avoid any loose connections.
- **Activate the Light**: To activate the light, use the inline switch. Verify that the light is functioning correctly and that it is dispersed equally throughout your plant area.
- **Light Height Adjustment**: Adapt the light's height to your plant's requirements, placing it closer to young seedlings and farther away as they get older.
- **Daisy Chain Extra Units**: By connecting them using the appropriate link ports, you can daisy chain up to four units if necessary. This helps with greater grow areas.

- **Set the Light Duration**: Depending on the requirements of the plants, use a timer to control the on/off cycle (e.g., 12–16 hours of light per day) for optimal results.
- **Modify Light Angle**: To guarantee consistent light coverage for your plants, place the light panel at the ideal angle.
- **Test the Light**: After the light is set up, make sure it is providing the right amount of light for your plants by examining its distribution and intensity.
- **Check for Even Growth**: Keep an eye on plant development to make sure that all regions are receiving the same amount of light. If required, change the height or angle.
- **Check Electrical Connections**: Make sure that there are no obvious problems with the power source and that all electrical connections are safe.
- **Monitor Temperature**: Make sure the grow light doesn't overheat or harm your plants by keeping an eye on the surrounding temperature.
- **Reposition as Needed**: As your plants develop over time, change the light's height or angle to suit their evolving requirements.

CARE & MAINTENANCE

- **Switch off the Light**: To prevent electrical dangers, switch off and unplug the light before doing any maintenance.
- **Dust the Light Frequently**: Use a gentle, dry cloth to wipe the light fixture's surface to get rid of any dust or debris that might be lowering light efficiency.
- **Clean the LED Panel**: Take care not to harm the sensitive parts of the LED panel by using a soft cloth or microfiber to clean it.
- **Examine Wiring for Damage**: Look for any indications of wear, fraying, or damage on the wiring and connections. Any damaged cables should be replaced right away.
- **Examine the Mounting Setup**: To prevent mishaps, make sure the mounting hardware or hanging wire is solid and firmly attached.
- **Replace Faulty LEDs**: Since the product is backed by a 3-year limited warranty, get in touch with the manufacturer to have any defective LEDs replaced.
- Verify that the light is running at a low temperature to prevent overheating. Change the height or provide more ventilation if the light becomes too hot.

- **Avoid Humid Environments**: Although the lamp has a damp rating unless the plants require it, do not use it in areas with high levels of water or humidity.
- **Examine Power Supply**: Frequently look for any obvious damage on the power cable. Replace the cable right away if there are any problems or exposed wires.
- **Track Plant Growth**: Track plant growth to make sure the light is giving them the spectrum and intensity they need for proper growth.
- **Modify Light Height**: As your plants become bigger, change the light's height to keep the plants at the ideal distance from it.
- **Reposition Light as Needed**: To guarantee balanced light exposure, think about moving the light if the plants begin to sag or grow unevenly.
- **Use a Surge Protector**: Use a surge protector or power strip with integrated protection to shield the light from power surge damage.
- **Store the Light Correctly**: To avoid damage, keep the light in a cool, dry location if you must store it for an extended length of time.
- **Use with Timers**: To ensure constant lighting cycles and convenience of use, use a timer to automatically control the light's on/off times.

TROUBLESHOOTING

Issue	Solution
The light does not turn on	Ensure the light is plugged into a functional outlet and the in-line switch is on.
Light flickers or dims	Check the power connection and consider replacing the bulb if necessary.
Light is too dim for plants	Position the light closer to the plants or add more grow lights for better coverage.
Inconsistent brightness	Inspect the wiring for any loose connections and check the light's power source.
Light doesn't stay on	Test the power outlet for consistency and make sure the light is securely plugged in.
Light overheats	Ensure the light is in a well-ventilated area and not placed in direct contact with h eat-sensitive materials.
Power cord damage	Inspect the cord for any frays or cuts; if damaged, replace the light or cord.
Light produces a strange odor	Unplug the light immediately and check for electrical issues; contact customer su pport.
App control not respondin g	Ensure the app is properly synced with the light and that your device's Bluetooth/ Wi-Fi is on.
Light doesn't cover the w hole area	Adjust the position of the light or use multiple lights to provide even coverage for l arger areas.

PROS & CONS

Pros:

1. Affordable at $24.99, offering excellent value for seed starters.
2. 1900 lumens brightness and 5000 Kelvin color temperature perfect for seedling growth.

3. The energy-efficient 16-watt LED that saves on electricity costs.
4. The compact 24-inch design fits in various indoor gardening setups.
5. 3-year limited warranty provides long-term peace of mind.

Cons:

1. The fixed in-line switch may not be as convenient as an app-controlled option.
2. May require additional lights for larger or more demanding plant setups.
3. Corded electric power limits flexibility in placement.
4. Suitable mainly for small to medium-sized plant setups; not ideal for large-scale gardening.
5. Some users may need multiple units for full coverage in larger areas.

WARRANTY

The BoostGro GL24BLKS1 LED Seed Starter Grow Light comes with a **3-year limited warranty** from the manufacturer, Boost Lighting, Inc. This warranty covers defects in materials and workmanship under normal use. If the product fails during the warranty period, customers can contact Boost Lighting for a replacement or repair. This warranty provides long-term reliability for those investing in indoor seed starting and plant growth. Be sure to retain the proof of purchase for any warranty claims.

FREQUENTLY ASKED QUESTIONS

What is the purpose of the BoostGro GL24BLKS1 LED Seed Starter Grow Light?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light is designed to provide optimal lighting for starting seeds indoors, ensuring healthy plant growth by simulating natural daylight with a 5000 Kelvin color temperature.

What are the dimensions of the BoostGro GL24BLKS1 LED Seed Starter Grow Light?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light has dimensions of 24 x 3.54 x 1.42 inches, offering a compact and easy-to-install design suitable for seed-starting setups.

How much does the BoostGro GL24BLKS1 LED Seed Starter Grow Light weigh?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light weighs 12.8 ounces, making it lightweight and convenient for positioning over seed trays or plant containers.

What is the power source for the BoostGro GL24BLKS1 LED Seed Starter Grow Light?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light operates on corded electric, providing consistent and reliable power for long periods of use.

What type of control method is used for the BoostGro GL24BLKS1 LED Seed Starter Grow Light?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light can be controlled via an app, allowing for easy adjustments and monitoring of lighting schedules for seed germination and plant growth.

What is the brightness of the BoostGro GL24BLKS1 LED Seed Starter Grow Light?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light provides a brightness of 1900 lumens, ensuring bright, adequate light for seeds to germinate and thrive indoors.

What is the color temperature of the BoostGro GL24BLKS1 LED Seed Starter Grow Light?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light features a 5000 Kelvin color temperature, offering cool white light similar to daylight, which is ideal for plant growth and photosynthesis.

What is the wattage of the BoostGro GL24BLKS1 LED Seed Starter Grow Light?

The BoostGro GL24BLKS1 LED Seed Starter Grow Light consumes 16 watts of power, providing efficient energy use while delivering the necessary brightness for growing seedlings.

References

- User Manual

Manuals+, Privacy Policy

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