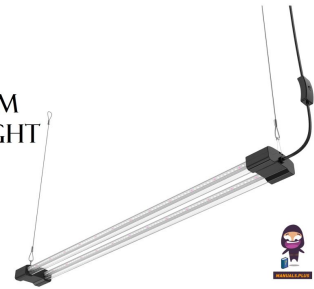




FULL SPECTRUM
LED GROW LIGHT



BoostGro GLxxBLKS1 Full Spectrum LED Grow Light User Manual

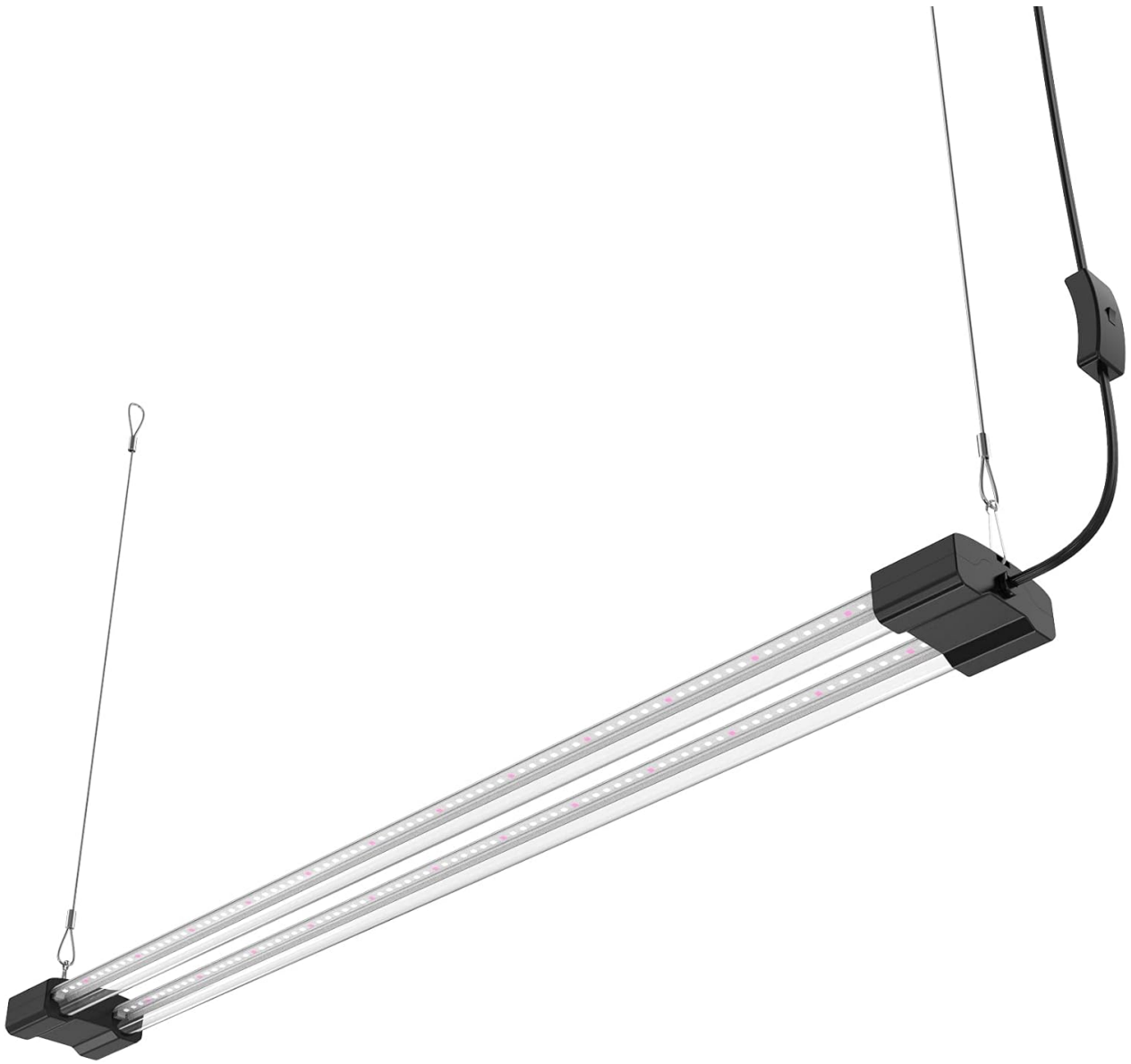
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BoostGro GLxxBLKS1 Full Spectrum LED Grow Light



INTRODUCTION

All phases of plant growth can be supported by the high-performance, energy-efficient BoostGro GLxxBLKS1 Full Spectrum LED Grow Light. This 20-watt LED grow light, which costs \$34.99, has a 5000 Kelvin color temperature and 2400 lumens of brightness, making it perfect for encouraging strong plant health and beautiful development. Its sleek and slender design, which measures 36 x 3.5 x 1.4 inches, makes it ideal for indoor gardeners and makes it simple to install in a range of growing conditions. For convenient operation, the light is controlled by an in-line switch and powered by a corded electric source. This grow light replicates the spectrum of natural sunshine, making it an adaptable option for a variety of plants, whether you're growing flowers, veggies, or herbs. The GLxxBLKS1, produced by Boost Lighting, Inc. and released on April 29, 2021, provides an effective and reasonably priced indoor gardening solution.

SPECIFICATIONS

Brand	BoostGro
Price	\$34.99
Power Source	Corded Electric
Light Source Type	LED
Voltage	120 Volts
Lighting Method	LED
Wattage	20 watts
Switch Type	In-Line Switch
Brightness	2400 Lumen
Color Temperature	5000 Kelvin
Product Dimensions	36 x 3.5 x 1.4 inches
Weight	1 Pounds
Item Model Number	GLxxBLKS1
Date First Available	April 29, 2021
Manufacturer	Boost Lighting, Inc.

WHAT'S IN THE BOX

- Full Spectrum LED Grow Light
- User Manual

FEATURES

- **Full Spectrum Light:** By simulating the entire spectrum of sunshine, the BoostGro GLxxBLKS1 LED grow light gives your plants the best possible light to aid in their development at every stage.
- **Red-Light Enhancement:** The 660nm red light in this grow lamp is crucial for promoting fruiting, flowering, and sprouting so that your plants can develop to their maximum potential.
- **Energy-efficient:** With only 20 watts of power consumption and 2400 lumens of light and a 36 $\mu\text{mol/s}$ PPF (photosynthetic photon flux), this energy-saving device provides your plants with effective and efficient light production.
- **Low Heat Emission:** Your plants will receive the light they require without running the danger of heat damage thanks to this LED grow light's low heat output.
- **Versatile Mounting choices:** You can hang or attach the light in any way that suits your expanding configuration thanks to the design's flexible mounting choices.
- **Two-foot hanging cable:** This lamp comes with a two-foot hanging wire that allows you to adjust the grow light's height to the ideal level for your plants.
- **Inline Switch:** The grow lamp has an inline switch that makes it simple to turn it on and off. This eliminates the need to unhook and then re-plug it, making it handy to use.
- **Linkable Design:** You may increase your grow lights to accommodate bigger plant areas by connecting up to

four BoostGro GLxxBLKS1 units per power circuit.

- **FCC-Certified:** The product is FCC-certified, which guarantees that it satisfies all the safety requirements for electromagnetic interference and is safe for use indoors.
- **Damp-Rated:** This grow light is appropriate for usage in humid settings, including greenhouses or indoor gardens, and is rated for damp situations.
- **5000K Daylight Spectrum:** This light emits a calm, white, daylight-like light with a color temperature of 5000 Kelvin, which encourages healthy growth in all plant species.
- **Slim and Lightweight:** The lamp is small, easy to install, and takes up little room because it is only 36 x 3.5 x 1.4 inches and weighs only one pound.



- **Long Lifespan:** The BoostGro GLxxBLKS1 LED light is made to last and is intended to provide dependable performance over an extended period of time.
- **Reasonably priced:** For plant lovers seeking premium indoor lighting, this grow light, which retails for \$34.99, provides reasonably priced and energy-efficient illumination.

SETUP GUIDE

- **Open the product's box:** Start by opening the BoostGro GLxxBLKS1 LED Grow Light package and inspecting each part, including the inline switch, hanging cable, and light fixture.
- **Select a Site:** Choose the best location for your plants, making sure the whole growing space can receive enough light. For optimal effects, the light should be positioned above or close to the plant canopy.
- **Installing the Hanging Cable:** For stability, firmly fasten the 2-foot hanging cable to the mounting hardware or hooks that are included.

- **Hang the Light:** Make sure the light is firmly fixed in place and that the plants' distance from it may be changed based on the stage of growth of the plants.
- **Plug Into Power:** To prevent any electrical problems, make sure the lamp is securely plugged into a 120V electrical socket.
- **Turn the Light On:** To turn on the light, use the inline switch. Verify that the light is functioning properly and emitting the appropriate amount of brightness.
- **Set the Light Height:** Adapt the height of the light to the requirements of your plants. As the plants get taller, gradually increase the light level while keeping it closer to the seedlings.
- **Daisy Chain Multiple Lights:** Use the daisy-chain capability to connect up to four units for larger configurations. Sequentially connect them to a single power source.
- **Verify Light Distribution:** Make sure all of the plants receive the same amount of light and that no spot is left in the dark. If necessary, change the mounting height or angle.
- **Use a Timer:** To ensure regular plant maintenance, think about equipping the lamp with a timer that will switch it on and off automatically for the best day/night cycles.
- **Test Light Intensity:** Following setup, confirm that the light level is adequate for the plant's growth stage (e.g., seedling, flowering).
- **Watch Electrical Setup:** Verify that the socket and power cord are plugged in correctly and that there are no electrical hazards in the setup.
- **Ascertain Proper Ventilation:** To maintain a healthy growing environment, make sure your setup has enough ventilation, even though the light creates very little heat.
- **Reposition Lights:** To ensure uniform growth, move or modify the height of the light if your plants begin to lean toward it.
- **Check for Light Burn:** To prevent light burn, make sure the plants are not too close to the light source. As the plants get stronger or taller, change the distance.



CARE & MAINTENANCE

- **Turn Off the Light:** To avoid electrical dangers, ensure sure the light is off and unplugged before doing any repair.
- **Clean the Light Frequently:** To preserve light intensity, dust the LED surface with a gentle, dry cloth. Steer clear of abrasive items and aggressive cleaning agents.
- **Examine for Damage:** Occasionally look for indications of wear or damage, such as wiring problems or cracks in the casing.
- **Examine Electrical connectors:** Verify that the connectors, plug, and cable are undamaged and in good shape. Any damaged wire should be replaced.
- **Assure Proper Ventilation:** To avoid overheating, make sure there is enough airflow surrounding the light and plants, even if the BoostGro GLxxBLKS1 emits little heat.
- **Avoid Water Exposure:** Despite the light's damp rating, keep it away from excessive moisture or water. Make sure it stays away from water sources.
- **Replace Faulty LEDs:** Get in touch with the manufacturer for a replacement or warranty service if any LEDs cease functioning.
- **Keep an eye on Plant Growth:** Make sure your plants aren't reaching too far toward the light, which is a sign that it's too far away.
- **Reposition Light as Plants Grow:** To maintain the ideal lighting intensity, raise or lower the light as plants get older.

- **Replace Light Timer Batteries**: To ensure reliable functioning, change the batteries in any timers you use to automate the light.
- **Check for Overheating**: Even though this light generates very little heat, keep an eye on the growing area's temperature to make sure it's still appropriate for plant growth.
- **Use Surge Protectors**: Use a surge protector or power strip with surge protection capabilities to shield your light from power spikes.
- **Keep the Fixture Dry**: Unless absolutely required, keep the fixture out of moist or wet environments and store it in a dry location.
- **Check for Flickering**: Look for loose wiring or a bad connection if the light flickers or dims suddenly.
- **Store Correctly**: To avoid dust buildup and internal component damage, keep the lamp in a cool, dry location when not in use.

TROUBLESHOOTING

Issue	Solution
The light does not turn on	Ensure the light is properly plugged in and the in-line switch is on.
Light flickers or dims	Check the power connection and consider replacing the bulb if necessary.
Light does not provide sufficient brightness	Move the light closer to the plants or use multiple lights for even coverage.
The light is overheating	Make sure the light is placed in a well-ventilated area to prevent overheating.
The light turns off unexpectedly	Test the power outlet for consistency or check for loose wiring connections.
The light does not cover enough area	Position the light differently or use more units to cover larger plant areas.
Flickering after extended use	Ensure the light is not overloaded; allow it to cool down if necessary.
Light produces an unusual odor	Unplug the light immediately, check for any electrical issues, and contact customer support.
The in-line switch is malfunctioning	Check if the switch is jammed or faulty; try using a different outlet.
Light's brightness decreases over time	Check for dirt or dust buildup on the light. Clean it gently with a soft cloth.

PROS & CONS

Pros:

1. Full-spectrum LED light promotes healthy plant growth from seed to harvest.
2. 2400 lumens brightness ensures plants receive ample light for photosynthesis.
3. 5000 Kelvin color temperature mimics natural sunlight for better plant health.
4. 20-watt power consumption ensures energy efficiency, saving on electricity bills.
5. The sleek and compact 36-inch design makes it suitable for various indoor gardening setups.

Cons:

1. The in-line switch may not be as convenient as app-controlled options for some users.
2. The light may require additional units for large-scale or expansive plant setups.
3. Corded electric power may limit flexibility in placing the light.
4. Not ideal for larger plants or setups with extensive coverage needs.
5. Requires good ventilation to avoid potential heat buildup in smaller spaces.

WARRANTY

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light comes with a **1-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, Boost Lighting offers repair or replacement at no additional cost. It's important to retain the proof of purchase for any warranty claims. This warranty ensures peace of mind for your indoor gardening investments.

FREQUENTLY ASKED QUESTIONS

What is the purpose of the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light is designed to provide a broad spectrum of light, ideal for promoting plant growth in all stages, from germination to flowering, with its 5000 Kelvin color temperature.

What are the dimensions of the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light has dimensions of 36 x 3.5 x 1.4 inches, making it long enough to cover larger plant setups, ideal for indoor gardening.

How much does the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light weigh?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light weighs 1 pound, making it lightweight and easy to hang or install in your indoor garden.

What is the power source for the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light is powered by corded electric, providing a reliable and consistent source of power for long hours of use.

What is the wattage of the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light consumes 20 watts, delivering sufficient power while maintaining energy efficiency for your plants.

What is the brightness of the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light has a brightness of 2400 lumens, offering ample light intensity for healthy plant growth indoors.

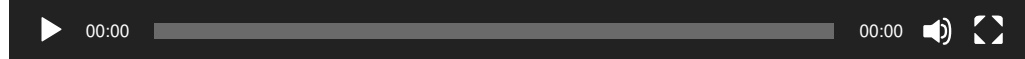
What type of light source does the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light use?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light utilizes LED light sources, which are energy-efficient and have a long lifespan, making them ideal for sustained plant growth.

What is the voltage requirement for the BoostGro GLxxBLKS1 Full Spectrum LED Grow Light?

The BoostGro GLxxBLKS1 Full Spectrum LED Grow Light operates at 120 volts, which is compatible with standard electrical outlets in North America.

VIDEO – PRODUCT OVERVIEW



[References.plus/wp-content/uploads/2024/12/BoostGro-GLxxBLKS1-Full-Spectrum-LED-Grow-Light-User-Manual.mp4](https://www.references.plus/wp-content/uploads/2024/12/BoostGro-GLxxBLKS1-Full-Spectrum-LED-Grow-Light-User-Manual.mp4)

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