

hipargero 800

Hipargero HG-800 LED Grow Light Instruction Manual

Model: HG-800

1. INTRODUCTION

Thank you for choosing the Hipargero HG-800 LED Grow Light. This full-spectrum, foldable bar light is designed to provide optimal lighting for plant growth, offering high efficacy, even PPFD distribution, and versatile control options. This manual provides essential information for the safe and effective use of your new grow light.

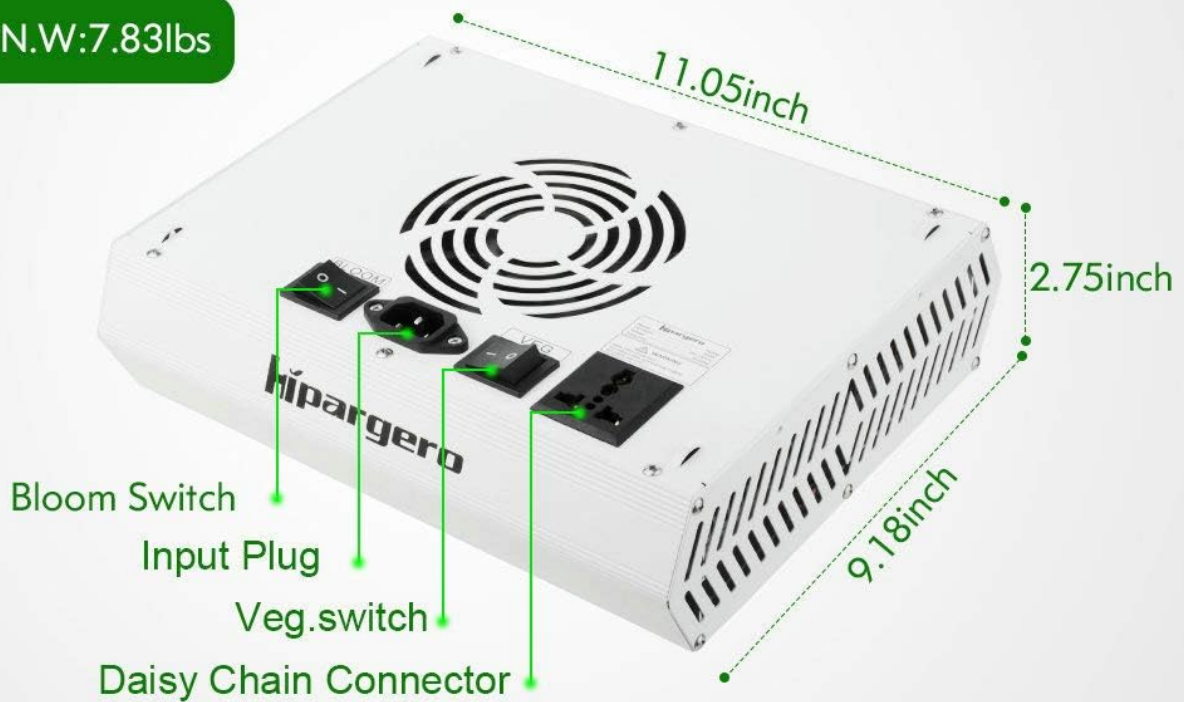
The HG-800 features 1350 diodes, consuming only 350W, and achieves a PPE of 2.85 $\mu\text{mol}/\text{j}$, with PPFD up to 1500 $\mu\text{mol}/\text{m}^2/\text{s}$ in a 3x4 ft area. Its 6-LED bar design ensures uniform canopy coverage, promoting consistent plant growth and preventing hotspots. The light is foldable up to 180°, making it easy to transport and install.

2. PACKAGE CONTENTS

Before installation, please verify that all components listed below are included in your package:

- 1x Hipargero HG-800 LED Grow Light Unit
- 1x Adjustable Rope Hanger
- 1x Hanging Kits (steel cables with clips)
- 1x Power Cable
- 1x User Manual (this document)

N.W:7.83lbs



Package Include



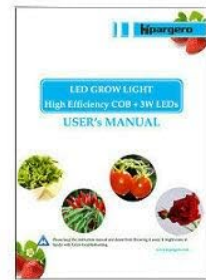
1x Adjustable Rope



1x Hanging Kits



1x Power Cable



1x User Manual

Image: Contents of the Hipargero HG-800 LED Grow Light package, including the light unit, adjustable rope, hanging kits, power cable, and user manual.

3. SETUP AND INSTALLATION

- 1. Unboxing:** Carefully remove all components from the packaging. Inspect the grow light for any signs of damage during transit.
- 2. Hanging the Light:** Attach the provided hanging kits to the designated points on the top of the grow light. Use the adjustable rope hanger to suspend the light from a sturdy support structure in your grow area. Ensure the light is level and securely fastened.
- 3. Power Connection:** Connect the power cable to the input plug on the grow light and then plug it into a compatible 100-277V power outlet.
- 4. Daisy Chain (Optional):** For larger grow areas, multiple HG-800 units can be daisy-chained using the RJ12 port. This function supports connecting up to 100 lights, allowing you to control them simultaneously by adjusting the first light.

Daisy chain Available 3 lights maximum connection



Image: Illustration of multiple Hipargero HG-800 LED Grow Lights connected in a daisy chain configuration for expanded coverage.

Recommended Hanging Distances:

- **Seedlings:** Approximately 4 feet (120 cm) above the canopy.
- **Vegetative Growth:** Approximately 3.5 feet (105 cm) above the canopy.
- **Flowering Stage:** Approximately 3 feet (90 cm) above the canopy.

HIPARGERO HG800 PAR Value($\mu\text{mol}/\text{m}^2\text{s}$)

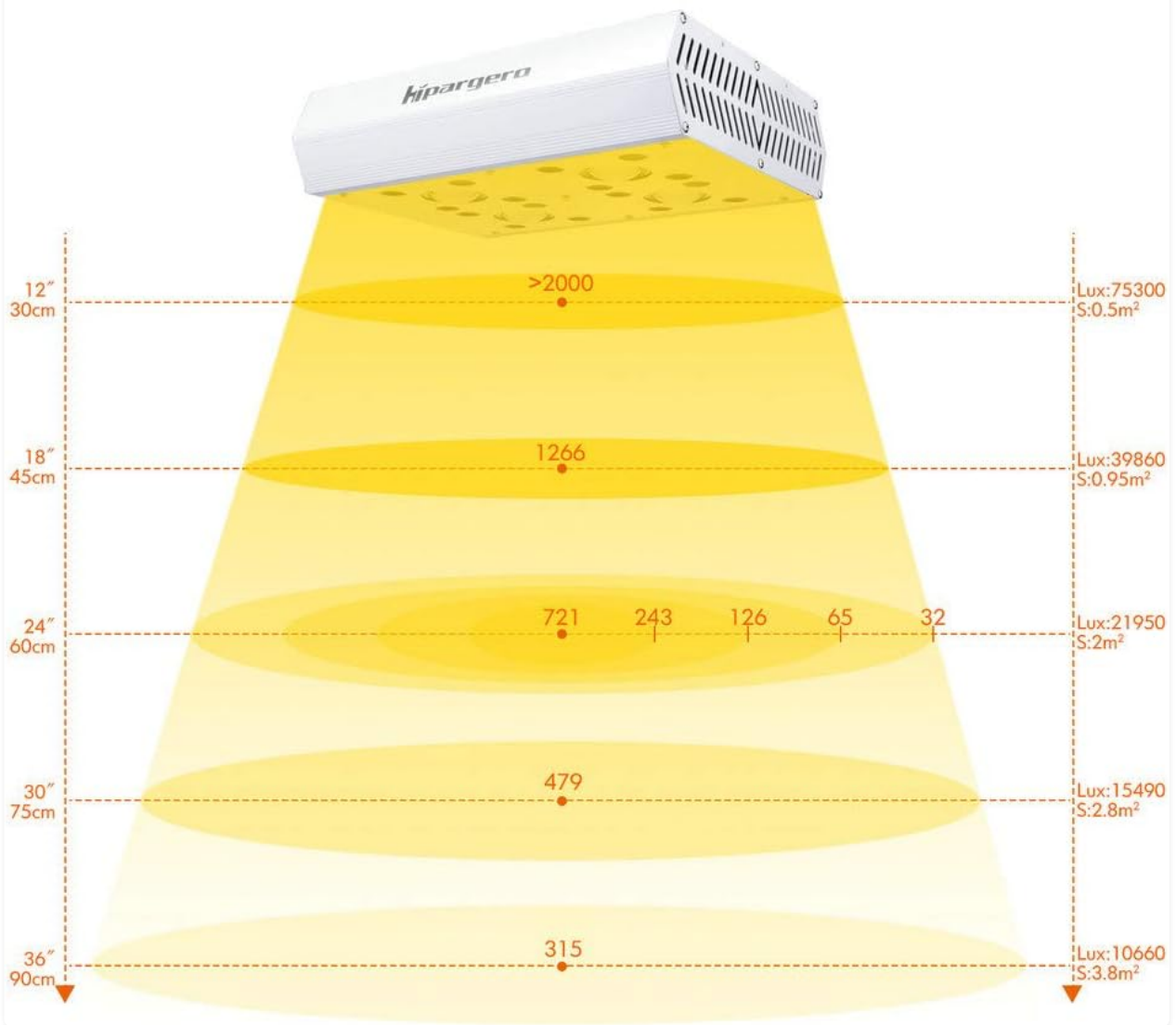


Image: A chart displaying the PAR (Photosynthetically Active Radiation) values of the Hipargero HG-800 at different hanging heights, indicating light intensity and coverage area.

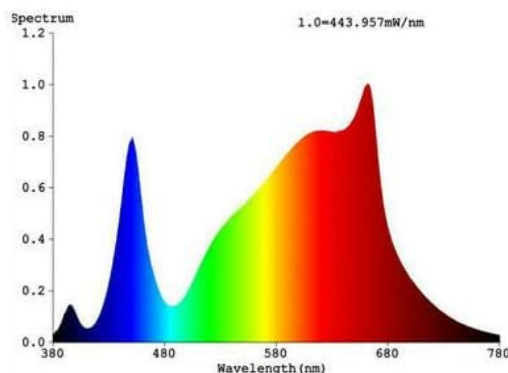
4. OPERATING INSTRUCTIONS

The Hipargero HG-800 offers flexible lighting modes to suit different plant growth stages:

1. **Veg Mode:** Activate the 'Veg' switch for vegetative growth. This mode provides a spectrum optimized for strong stem and leaf development.
2. **Bloom Mode:** Activate the 'Bloom' switch for the flowering stage. This mode enhances the red and far-red spectrums to promote robust flowering and fruit production.
3. **Full Spectrum Mode:** For maximum light intensity and a complete spectrum suitable for all growth stages, activate both the 'Veg' and 'Bloom' switches.
4. **0-10V Dimming Control:** The HG-800 can be dimmed manually or connected to an external 0-10V controller for precise 0-100% dimming. This allows you to adjust light intensity according to your plants' specific needs throughout their life cycle.
5. **Master/Slave Mode:** When multiple lights are daisy-chained, setting the first light to Master mode allows it to control all connected Slave units, simplifying operation in larger setups.

- 1.Full spectrum
- 2.Uniform color
- 3.For Whole growth circle

OURS



True Full Spectrum ,more efficient

- 1.Single spectrum
- 2.Speckled
- 3.Just Veg & Flower

OTHERS

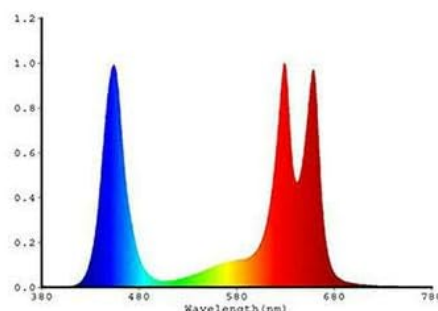
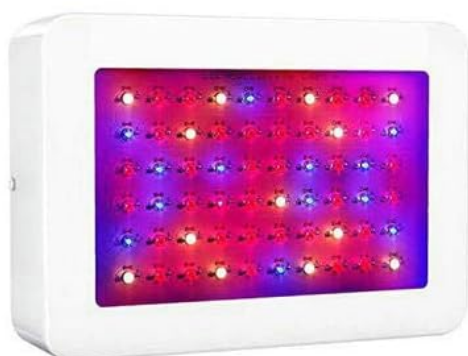


Image: A visual representation of the Hipargero HG-800's full spectrum output, highlighting its uniform color distribution compared to other grow lights.

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Video: This video demonstrates the Hipargero HG-800 LED Grow Light's Veg and Bloom channel operation, showing how to switch between different light spectrums for various plant growth stages.

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Video: An official Hipargero video showcasing the HG-800 LED Grow Light in operation, demonstrating its light output and features.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Hipargero HG-800 LED Grow Light:

- **Cleaning:** Periodically clean the light's surface and cooling fins with a soft, dry cloth to prevent dust buildup, which can impede heat dissipation. Ensure the light is unplugged before cleaning.
- **Fan Inspection:** Check the cooling fan for any obstructions or unusual noises. A clear fan ensures

efficient cooling and prevents overheating.

- **Cable Check:** Regularly inspect the power cable and hanging wires for any signs of wear or damage. Replace immediately if any damage is found.

6. TROUBLESHOOTING

If you encounter issues with your Hipargero HG-800, refer to the following common troubleshooting steps:

- **Light Not Turning On:**
 - Check if the power cable is securely plugged into both the light and the power outlet.
 - Ensure the power outlet is functional by testing it with another device.
 - Verify that both the 'Veg' and 'Bloom' switches on the light are in the 'ON' position.
- **Reduced Light Output:**
 - Confirm that both 'Veg' and 'Bloom' switches are engaged for full intensity.
 - Check for dust or debris on the LED lenses and clean them gently if necessary.
- **Overheating:**
 - Ensure the cooling fan is operating correctly and not obstructed.
 - Verify adequate airflow around the light unit and in the grow space.

If problems persist after attempting these steps, please contact customer support.

7. SPECIFICATIONS

| Feature | Specification |
|----------------------|------------------------------|
| Brand | hipargero |
| Model Number | 800 |
| ASIN | B07HH2FNW9 |
| GTIN (UPC) | 761780382297 |
| Item Type Name | grow light |
| Color | Red (LEDs) |
| Shape | Square |
| Material | Aluminum, Iron |
| Finish Type | Oxidization |
| Light Source Type | Light Emitting Diode |
| Power Source | Corded Electric |
| Voltage | 100-277 Volts |
| Light Source Wattage | 3 Watts (per individual LED) |

| | |
|---------------------------|-------------------------|
| Mounting Type | Hanging for indoor |
| Color Temperature | 3500 Kelvin |
| Number of Light Sources | 6 (bars) |
| Item Weight | 2.8 Kilograms |
| Item Dimensions L x W x H | 25.1"L x 16.1"W x 4.3"H |

8. WARRANTY AND SUPPORT

The Hipargero HG-800 LED Grow Light comes with a **3-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact Hipargero customer service through the retailer where the product was purchased or visit the official Hipargero website.

For additional information and support, you may visit the [Hipargero Store on Amazon](#).