

Relassy 80101018-fba

Relassy 150W Waterproof Full Spectrum LED Grow Light User Manual

Model: 80101018-fba

IMPORTANT SAFETY INFORMATION

Read all instructions carefully before using the Relassy 150W Waterproof Full Spectrum LED Grow Light. Failure to follow these safety guidelines may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the product's requirements (110V AC).
- Do not disassemble or modify the light. Unauthorized modifications can lead to product damage and void the warranty.
- Keep the light away from flammable materials.
- Do not look directly into the LED light when it is operating, as it can cause eye strain.
- The product is IP67 waterproof, suitable for damp environments and outdoor use. However, avoid submerging it in water.
- Always unplug the light from the power source before cleaning or performing any maintenance.

PRODUCT OVERVIEW

The Relassy 150W Waterproof Full Spectrum LED Grow Light is designed to provide optimal lighting for plants across all growth stages, mimicking natural sunlight. Its robust, waterproof design makes it suitable for both indoor and outdoor applications.

Key Features:

- **Full Spectrum Illumination:** Provides 380-830nm light, including wavelengths for flowering (630-660nm), germination (440-460nm), and cell growth (780-800nm).
- **IP67 Waterproof Rating:** Highly water-resistant and dust-proof, ideal for various environments including rainy or snowy conditions.
- **Efficient Heat Dissipation:** Constructed with aviation aluminum and designed with ventilation holes to maintain optimal operating temperature below 167°F (75°C).

- **Silent Operation:** Fan-less and driver-less design ensures no operational noise, suitable for quiet indoor spaces.
- **Adjustable Mounting:** Features a 180° adjustable bracket and supports three mounting methods for versatile placement.
- **Ultra-Thin and Lightweight:** Compact design with a wide 180° light angle.



IP67
Waterproof

Especially when plants need extra light in rainy or snowy days.

Protect the light from damage caused by water seepage.



Image: The Relassy 150W Waterproof Full Spectrum LED Grow Light, showcasing its compact design and light output.

Your browser does not support the video tag.

Video: A demonstration of plants growing under the Relassy Waterproof Outdoor Grow and Plant Light, highlighting its effectiveness across various growth stages and its waterproof features.

PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- Relassy 150W Waterproof Full Spectrum LED Grow Light

- Power Cable with ON/OFF Switch
- Adjustable Mounting Bracket
- Hanging Kit (chains/hooks)
- User Manual (this document)

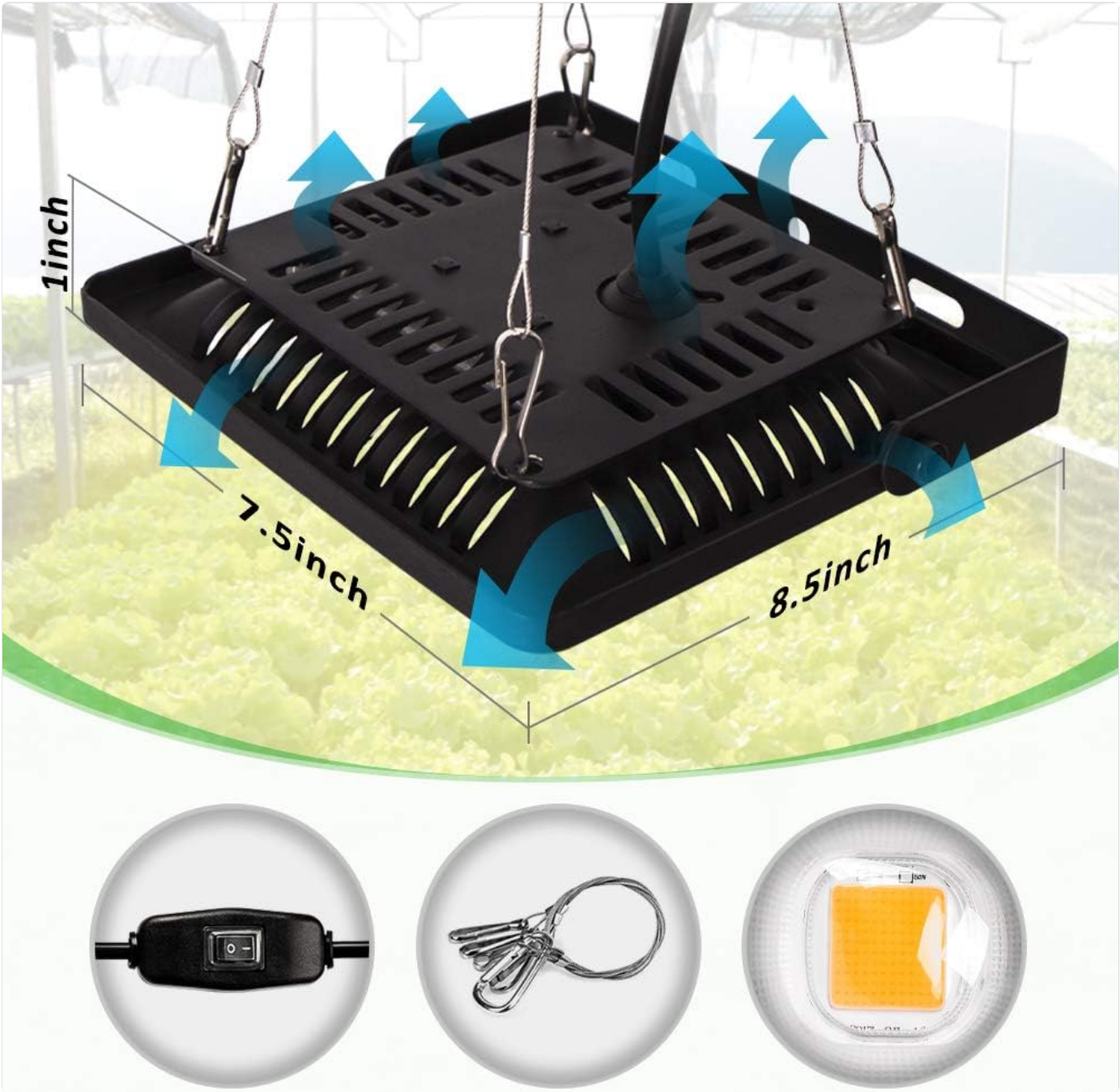


Image: Illustration of the grow light, power cable with switch, and hanging accessories included in the package.

SPECIFICATIONS

Feature	Detail
Brand	Relassy
Model Number	80101018-fba

Feature	Detail
Wattage	150W (Actual power consumption: 55W)
Light Source Type	LED (COB LED)
Spectrum	Full Spectrum (380-830nm)
Water Resistance Level	IP67 Waterproof
Product Dimensions	9.5"D x 7.6"W x 2.18"H
Item Weight	1.5 Pounds
Base Material	Aluminum
Power Source	Corded Electric
Voltage	110 Volts (AC)
Switch Type	Push Button (on cable)
Mounting Type	Inside Mount, Outside Mount (wall-mounted or ceiling-mounted)
Light Angle	180°
Operating Temperature	Below 167°F (75°C)

SETUP

The Relassy grow light offers flexible installation options. Choose the method best suited for your plant setup.

Mounting Options:

The light features a 180° adjustable bracket and supports three primary mounting methods:

- Hanging:** Use the provided hanging kit (chains/hooks) to suspend the light above your plants. Ensure the mounting surface is strong enough to support the light's weight.
- Wall-Mounted:** Secure the adjustable bracket to a wall using appropriate fasteners. The bracket allows you to angle the light as needed.
- Surface Placement:** The adjustable bracket also functions as a stand, allowing the light to be placed directly on a flat surface next to or above plants.

Recommmed Height For Every Growth Stage

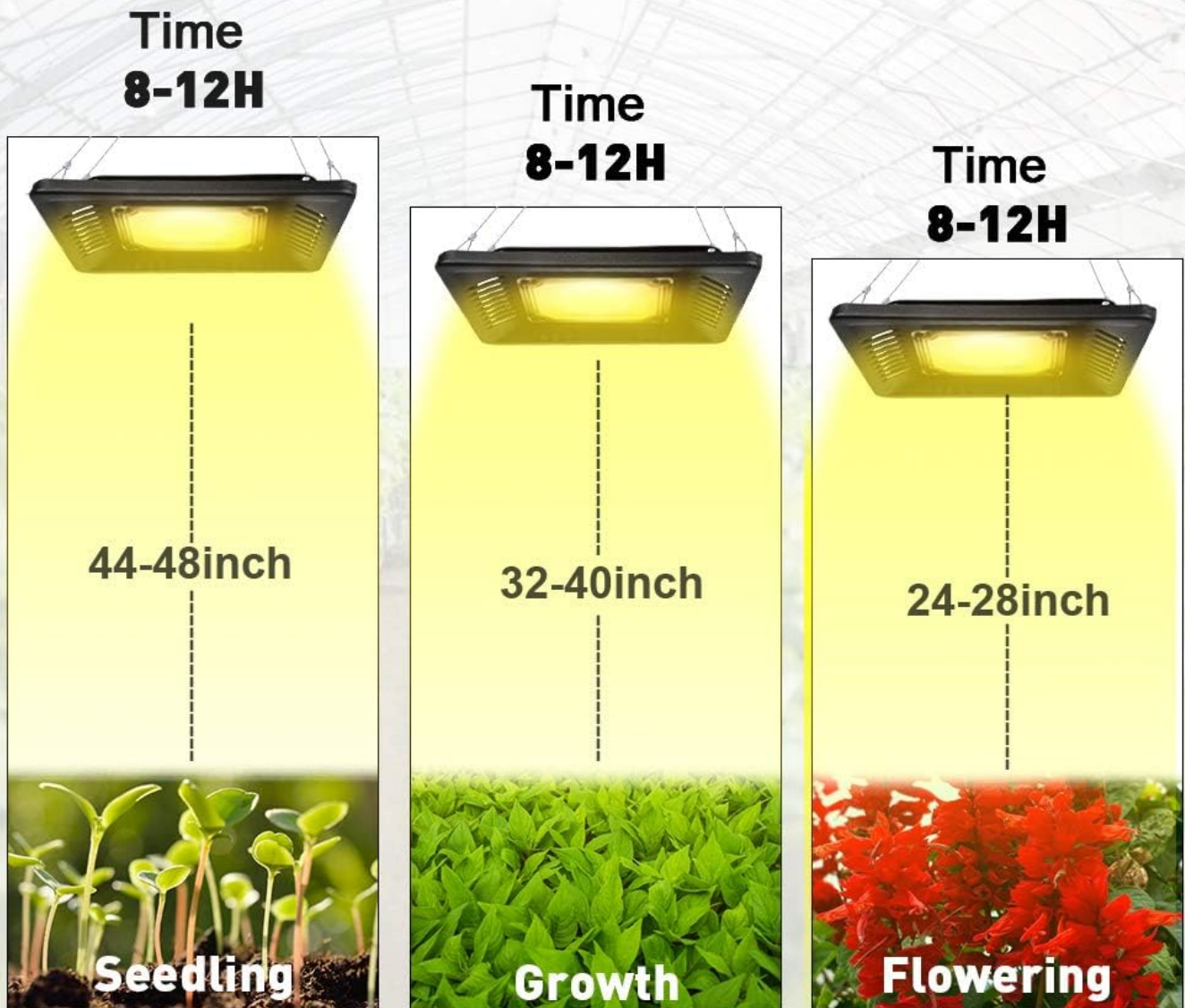


Image: The Relassy grow light demonstrating its 180-degree adjustable bracket and various mounting possibilities.

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Video: A demonstration of the Relassy Waterproof Plant Light being installed and used in a garden or greenhouse setting.

Electrical Connection:

Once mounted, connect the power cable to a standard 110V AC outlet. The light features an ON/OFF push-button switch on the 67-inch prolonged cable for convenient operation.

OPERATING INSTRUCTIONS

The Relassy grow light is designed for simple operation to support plant growth.

Powering On/Off:

Use the push-button switch located on the power cable to turn the light ON or OFF. Ensure the light is securely plugged into a power outlet before operation.

Full Spectrum Benefits:

The light provides a full spectrum from 380-830nm, crucial for various plant development stages:

- **630-660nm (Red Light):** Promotes flowering, fruiting, and increases yield.
- **440-460nm (Blue Light):** Enhances germination and photosynthesis, ideal for seed starting.
- **780-800nm (Infrared Light):** Benefits plant cell growth.

Recommended Light Height and Duration:

Adjust the height of the grow light above your plants according to their current growth stage. The recommended daily lighting duration is 8-12 hours.

Growth Stage	Recommended Height Above Plants	Daily Lighting Duration
Seedling / Germination	44-48 inches	8-12 hours
Vegetative Growth	32-40 inches	8-12 hours
Flowering	24-28 inches	8-12 hours
Fruiting	16-20 inches	8-12 hours



Image: Visual guide for adjusting the grow light height based on plant growth stages: seedling, growth, flowering, and fruiting.

MAINTENANCE

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

- **Cleaning:** Before cleaning, always unplug the light. Use a soft, dry cloth to wipe the surface of the light. For stubborn dirt, a slightly damp cloth can be used, but ensure no water enters the electrical components. Do not use harsh chemicals or abrasive cleaners.
- **Waterproof Feature:** The IP67 rating means the light is protected against dust and temporary immersion in water (up to 1 meter for 30 minutes). It is designed to withstand rain and damp conditions, making it suitable for outdoor use. However, avoid prolonged submersion or high-pressure water jets.
- **Heat Dissipation:** The light's aviation aluminum body and ventilation holes are designed for efficient heat dissipation. Ensure these vents are not blocked by dust or debris to maintain optimal operating temperature and prevent overheating.
- **Storage:** If storing the light for an extended period, ensure it is clean, dry, and stored in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Relassy grow light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	◦ No power to the outlet. ◦ Power cable not securely plugged in. ◦ Switch is off. ◦ Internal wiring issue.	◦ Check the power outlet with another device. ◦ Ensure the power cable is fully inserted into the outlet and the light. ◦ Press the ON/OFF switch on the cable. ◦ If issues persist, contact customer support.
Light flickers or is dim.	◦ Unstable power supply. ◦ Loose connection. ◦ Product defect.	◦ Try plugging into a different outlet. ◦ Ensure all connections are secure. ◦ Contact customer support if flickering continues.
Light gets excessively hot.	◦ Blocked ventilation. ◦ Operating in an enclosed space without airflow.	◦ Ensure ventilation holes are clear of dust and debris. ◦ Provide adequate airflow around the light. ◦ If overheating persists, discontinue use and contact support.

For problems not listed here, or if solutions do not resolve the issue, please contact Relassy customer support.

WARRANTY AND SUPPORT

The Relassy 150W Waterproof Full Spectrum LED Grow Light comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by:

- Improper installation or use.

- Accidents, abuse, or neglect.
- Unauthorized repairs or modifications.
- Natural disasters or external causes.

For warranty claims or technical support, please contact Relassy customer service through the retailer where the product was purchased or visit the official Relassy website for contact information.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question