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> Wolezek Grow Light Strips User Manual (Model BL-K40B)

wolezek BL-K40B

Wolezek Grow Light Strips User Manual

Model: BL-K40B

1. INTRODUCTION

The Wolezek Grow Light Strips are designed to provide optimal lighting for indoor plants at all growth stages. Featuring a full spectrum LED configuration, adjustable light modes, multiple brightness levels, and an automatic timer, these lights support photosynthesis and promote healthy plant development. The product's design prioritizes efficiency, durability, and ease of installation.

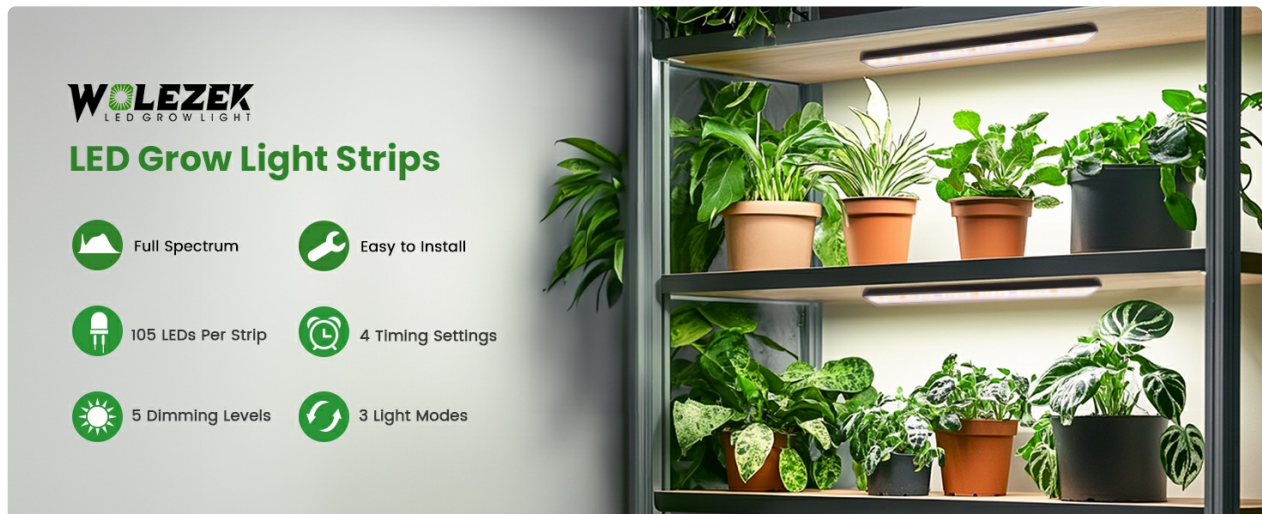


Image: Overview of Wolezek LED Grow Light Strips highlighting key features.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- Grow Light Strips x 4
- Power Adapter x 1
- User Manual x 1
- Power Cord x 1
- Zip Ties x 8

- Double-sided Tapes x 8
- Screws x 8
- Cable Organizers x 8

PACKAGE CONTENT

- Grow Light Strips x 4
- Power Adapter x 1
- User Manual x 1
- Power Cord x 1
- Zip Tie x 8
- Double-sided Tapes x 8
- Screw x 8
- Cable Organizer x 8

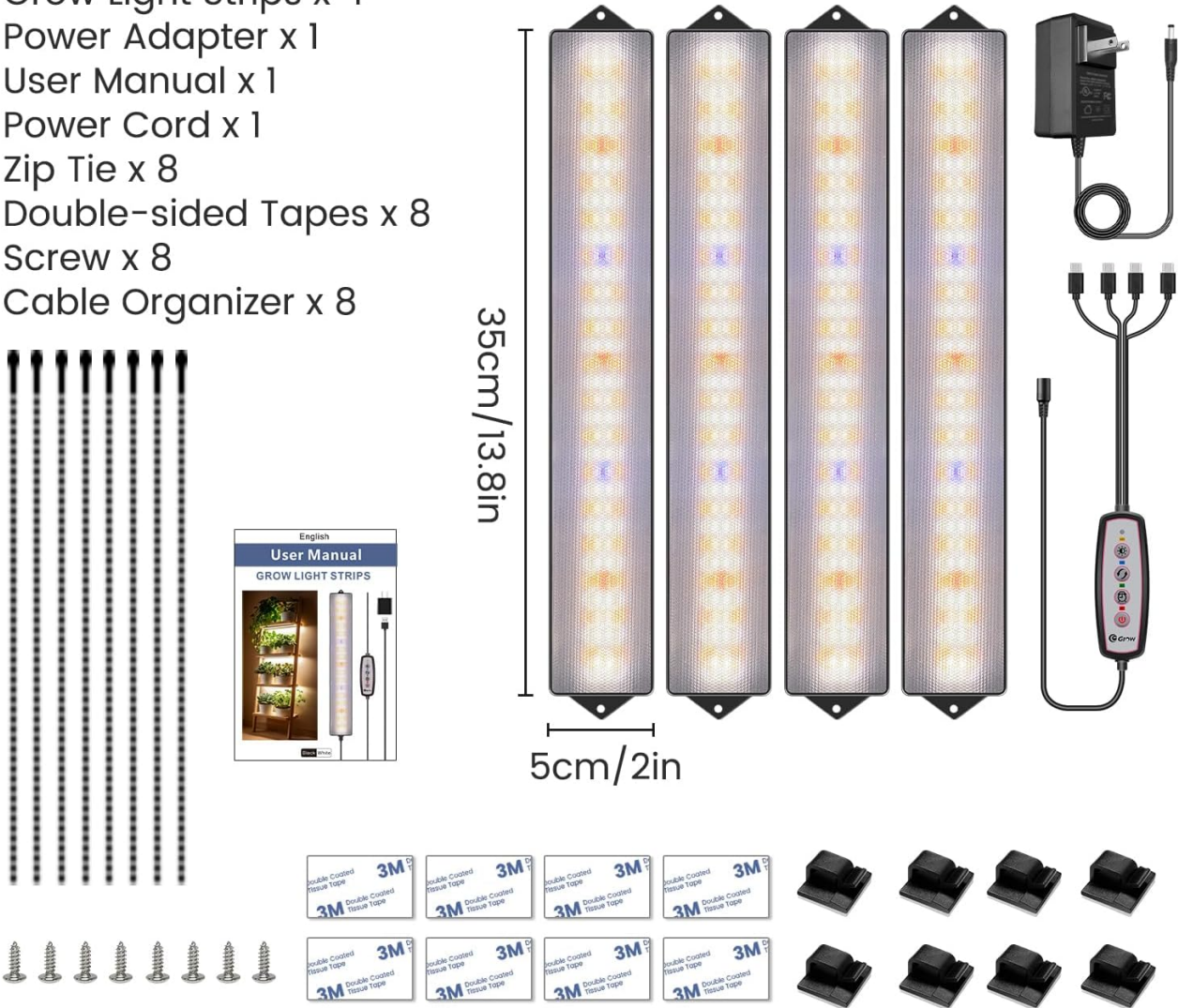


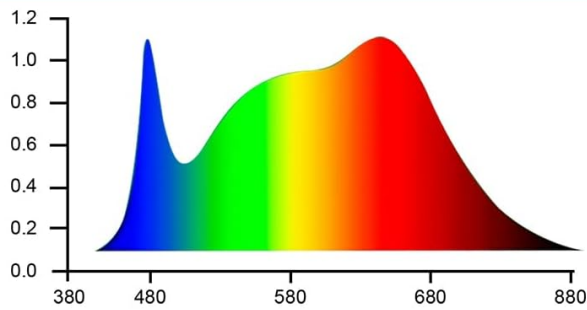
Image: All items included in the Wolezek Grow Light Strips package.

3. SPECIFICATIONS

Model Number	BL-K40B
Brand	Wolezek
Light Source Type	LED (Full Spectrum)
LED Configuration	6000K Cool White, 3500K Warm White, 660nm Red, 450nm Blue (105 LEDs per strip, 420 total)
Wavelength Coverage	380nm to 800nm

Wattage	40 Watts
Voltage	12 Volts
Product Dimensions	13.8"L x 2"W x 1"H (per strip)
Item Weight	1.52 pounds
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminum
Mounting Type	Under Cabinet Mount (Versatile)
Power Cord Length	9.8 ft

FULL SPECTRUM



105 HIGH EFFICIENCY LEDs

for Each Light Strip

- 
66 Cold White LEDs
 Provide the various spectra of light needed for plant growth, promoting photosynthesis
- 
34 Warm White LEDs
 Bring the light closer to the sun
- 
3 Red LEDs
 Contributes to the flowering and fruit development of plants
- 
2 Blue LEDs
 Promotes leaf growth and thickness, enhancing the efficiency of photosynthesis



Image: Full spectrum light distribution and LED composition details.

4. SETUP AND INSTALLATION

The Wolezek Grow Light Strips offer flexible installation options to suit various environments. Ensure the

power adapter is unplugged before installation.

4.1 Initial Connection

1. Connect the power cord to the TYPE-C interface on the grow light strip.
2. Connect the power adapter to the power cord.
3. Plug the power adapter into a standard electrical outlet.

4.2 Mounting Methods

Choose one of the following methods for mounting your grow light strips:

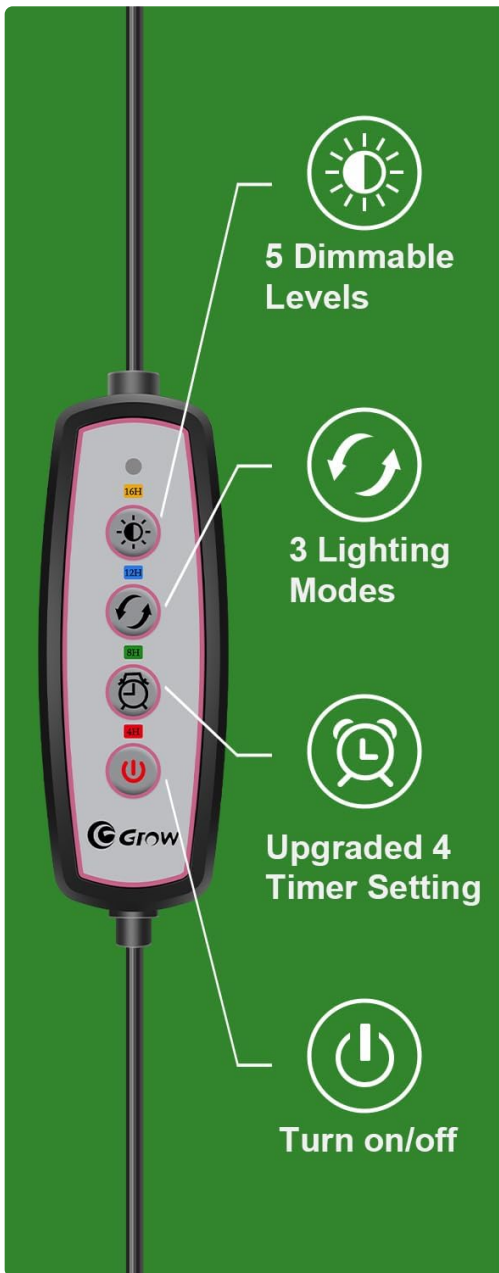
- **Using Screws:** Secure the light strips to a surface using the provided screws. This method offers a permanent and sturdy installation.
- **Using Double-Sided Tape:** For non-permanent or lighter applications, attach the light strips using the included double-sided tape. Ensure the surface is clean and dry for optimal adhesion.
- **Using Zip Ties:** Ideal for attaching to wire shelving, plant racks, or other structures. Thread the zip ties through the designated holes on the light strips and secure them.

OUR LIGHT	OTHERS
 UL Certified Power Adapter 12V High power, stable and safe 	  No Certification Short lifespan, low efficiency
 Upgraded 4 Timer Setting More options, 4H/8H/12H/16H 	  Old Version 4H/8H/12H
 PC Cover Dustproof and waterproof 	  No Cover Unsightly, no protection
 Bigger Width More LED chips and wider coverage for each light strips 	  Small Light Strips Not bright enough, smaller coverage area

Image: Visual guide for three installation methods: screws, double-sided tape, and zip ties.

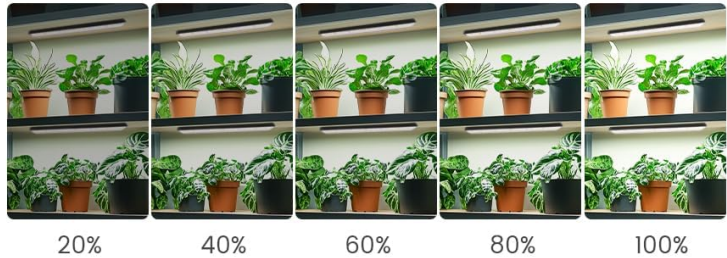
5. OPERATING INSTRUCTIONS

The Wolezek Grow Light Strips feature an integrated controller for easy adjustment of light settings.



5 Dimmable Levels

Provides 5 levels of dimming options from 20% to 100%



3 Lighting Modes

Choose the appropriate light mode based on the plant's growth needs



★ Upgraded 4 Timer Setting

Choose the appropriate light mode based on the plant's growth needs



Image: The inline controller with its various functions.

5.1 Power On/Off

- Press the **Power Button** to turn the lights on or off.

5.2 Light Modes

Cycle through the three available light modes by pressing the **Mode Button**:

- **Cold White Light:** Primarily 6000K cool white LEDs.
- **Warm White + Red + Blue Light:** Combination of 3500K warm white, 660nm red, and 450nm blue LEDs.
- **All Light On:** Activates all LED types for a full spectrum output.

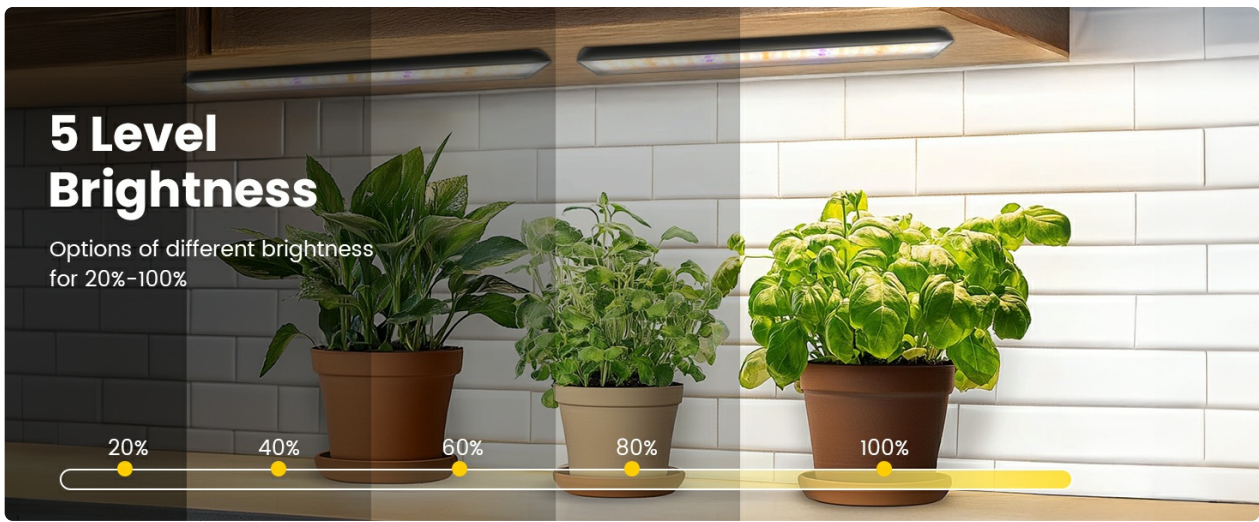


Image: Visual representation of the three light modes.

5.3 Brightness Levels

Adjust the light intensity by pressing the **Brightness Button**. There are 5 dimmable levels, ranging from 20% to 100% brightness.

Sleek & Modren Design

Simple design suitable for your home style



Image: Illustration of the 5 dimmable brightness levels.

5.4 Automatic Timer

Set the automatic timer by pressing the **Timer Button**. The timer will automatically turn the lights on and off at the same time each day.

- **4H:** 4 hours on, 20 hours off.
- **8H:** 8 hours on, 16 hours off.
- **12H:** 12 hours on, 12 hours off.
- **16H:** 16 hours on, 8 hours off.

Note: This plant light does not work with smart sockets if the timer function is desired.

3 Light Modes

Suitable for plants at all growth stages



Image: Details of the 4 timing options available on the controller.

6. MAINTENANCE

To ensure optimal performance and longevity of your Wolezek Grow Light Strips, follow these simple maintenance guidelines:

- **Cleaning:** The PC cover helps prevent dust and water mist from accumulating on the LEDs. To clean the light strips, ensure they are unplugged from the power source. Gently wipe the surface with a soft, dry cloth. Avoid using abrasive cleaners or harsh chemicals.
- **Inspection:** Periodically check the power cord and connections for any signs of damage. If any damage is observed, discontinue use and contact customer support.
- **Placement:** Ensure the lights are placed in an area with adequate ventilation to prevent overheating, although the aluminum housing is designed for efficient heat dissipation.

7. TROUBLESHOOTING

If you encounter any issues with your Wolezek Grow Light Strips, refer to the following common troubleshooting steps:

- **Lights Not Turning On:**
 - Check if the power adapter is securely plugged into both the light strip and the electrical outlet.
 - Ensure the power outlet is functional by testing it with another device.
 - Verify that the power button on the inline controller has been pressed.
- **Timer Not Functioning Correctly:**
 - Confirm that the desired timer setting (4H, 8H, 12H, or 16H) is selected on the controller.
 - The timer function operates on a 24-hour cycle from the moment it is set. If the timing seems off, reset the timer by unplugging and replugging the unit, then setting the timer at the desired start time.
- **Inconsistent Brightness or Flickering:**
 - Check all connections to ensure they are firm.
 - Ensure the power supply is stable and not experiencing fluctuations.
 - If the issue persists, contact customer support.

For issues not covered here, please contact Wolezek customer support for assistance.

8. WARRANTY AND SUPPORT

Wolezek products are designed for quality and reliability. For specific warranty details, including coverage period and terms, please refer to the product packaging or contact Wolezek customer service directly.

Customer Support:

If you require technical assistance, have questions about your product, or need to initiate a warranty claim, please visit the official Wolezek website or contact their customer support team through the retailer where the product was purchased.

You can often find support contact information on the manufacturer's official website or through your purchase platform (e.g., Amazon's 'Your Orders' section).