ZOTOYI 12-25

ZOTOYI G40 50FT Outdoor LED String Lights User Manual

Model: 12-25

INTRODUCTION

Thank you for choosing ZOTOYI G40 50FT Outdoor LED String Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your string lights. Please read these instructions carefully before use and retain them for future reference.

SAFETY INFORMATION

- Always disconnect power before installing, replacing bulbs, or performing maintenance.

- Ensure the power source voltage matches the product specifications (120V).

- Do not exceed the maximum connectable strands (up to 20 strands) or total wattage (432 watts).

- Avoid submerging the string lights or bulbs in water, despite their waterproof rating.

- Do not modify the product in any way, as this may void the warranty and create safety hazards.

- Keep away from flammable materials.

PACKAGE CONTENTS

The ZOTOYI G40 50FT Outdoor LED String Lights package includes:

- 1 x G40 50FT Outdoor String Lights strand

- 27 x Shatterproof G40 Bulbs (25 installed, 2 spare)

SPECIFICATIONS

Feature	Specification
Model Number	12-25

Length	50 Feet
Bulb Type	G40 Plastic Shatterproof LED
Number of Bulbs	25 + 2 Spare
Wattage Per Bulb	1 Watt
Total Wattage	25 Watts (Max 432 Watts when connected)
Voltage	120V
Color Temperature	2700K Warm White
Luminous Flux	30 Lumens per bulb
Water Resistance Level	IP65
Lifespan	Approximately 30,000 Hours
Dimmable	Yes (Dimmer not included, requires compatible dimmer)
Connectable	Up to 20 strands end-to-end

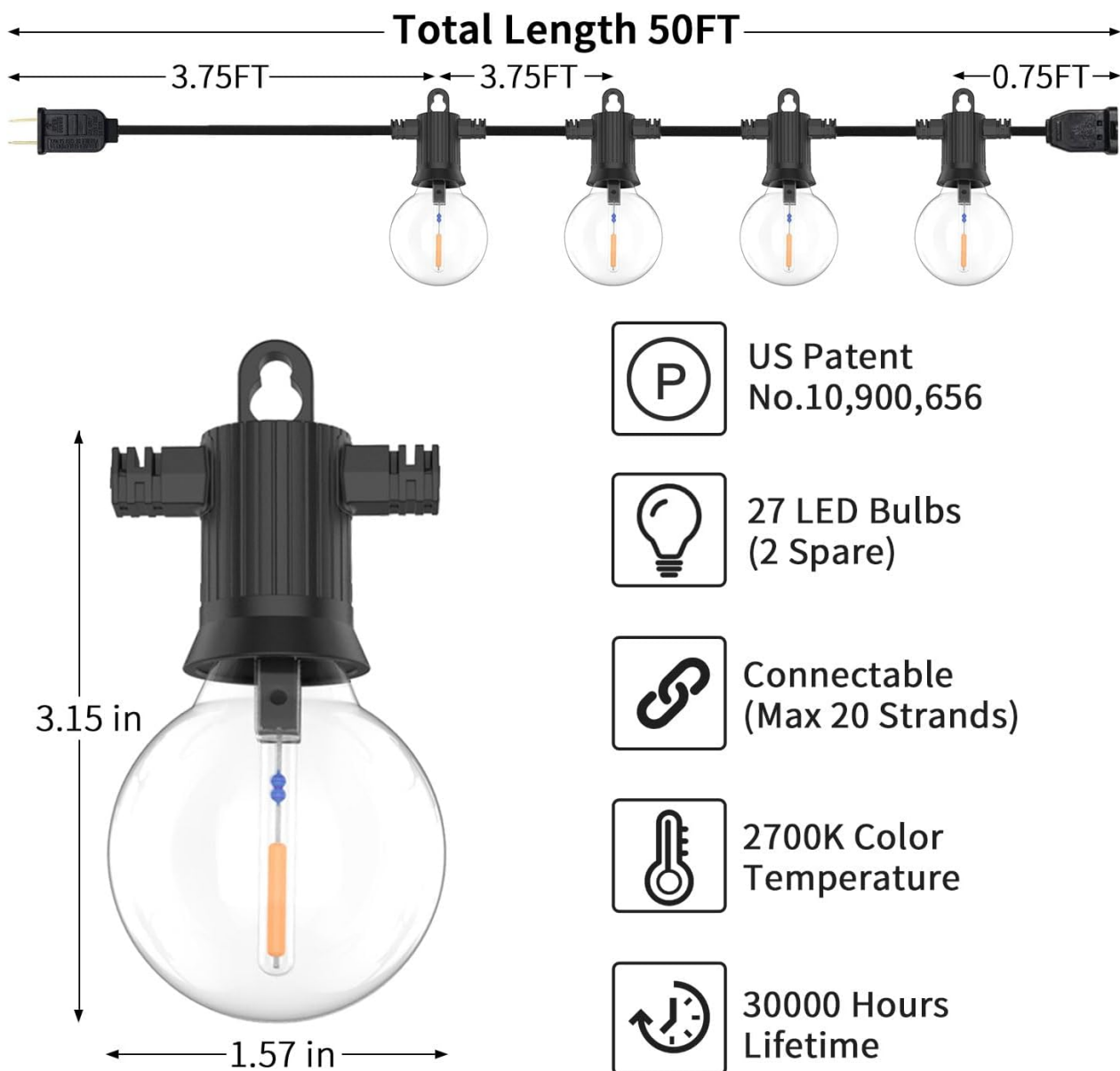The image below illustrates the dimensions and key features of the ZOTOYI G40 string lights.

Total Length 50FT

3.75FT — 3.75FT — 0.75FT

3.15 in

1.57 in

US Patent No.10,900,656

27 LED Bulbs (2 Spare)

Connectable (Max 20 Strands)

2700K Color Temperature

30000 Hours Lifetime

Image: ZOTOYI G40 String Light Dimensions and Features

Setup and Installation

1. **Unpack and Inspect:** Carefully remove the string lights from the packaging. Inspect all components for any damage.

2. **Plan Your Layout:** Determine the desired path for your string lights. Ensure the total length and number of connected strands do not exceed the maximum limits (50FT per strand, up to 20 strands total, max 432W).

3. **Mounting:** Each bulb socket features a hanging hole for easy installation. Use cable ties, ropes, or screw nails (not included) to secure the string lights along your desired path. Ensure the lights are securely fastened to prevent sagging or damage from wind.

4. **Connecting Multiple Strands (Optional):** If connecting multiple strands, align the end plug of one strand with the receptacle of another. Push firmly to ensure a secure, waterproof connection. Do not exceed 20 connected strands.

5. **Power Connection:** Once installed, plug the string lights into a standard 120V outdoor-rated power outlet. Ensure the outlet is protected from direct water exposure.

The following images demonstrate the installation process and the robust waterproof design.
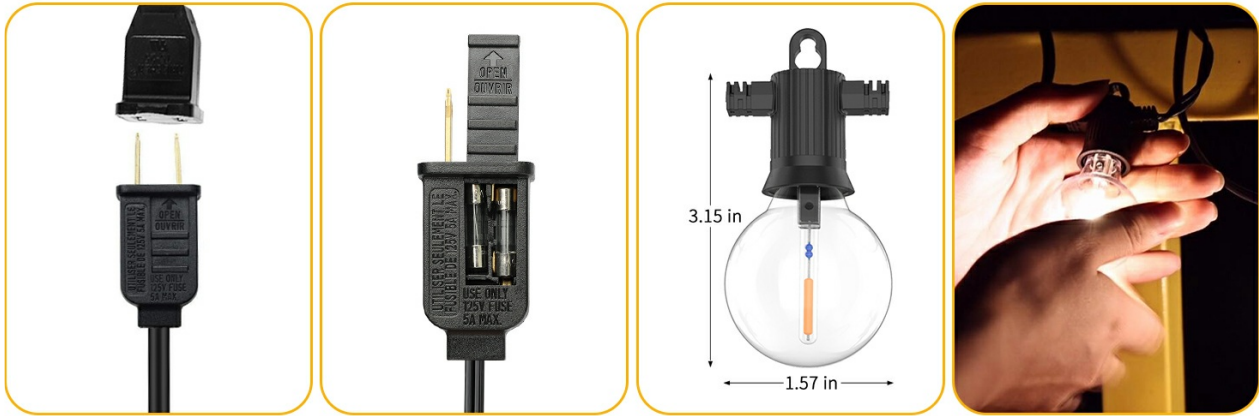
Image: Installation Steps for ZOTOYI G40 String Lights

Image: Double-Layer Waterproof Protection

OPERATING INSTRUCTIONS

Powering On/Off

To turn the lights on or off, simply plug or unplug the string lights from the power outlet. If connected to a switched outlet, use the wall switch.

Dimming Functionality

These string lights are compatible with most standard dimmers (dimmer not included). To adjust brightness, connect the string lights to a compatible dimmer switch. Follow the dimmer manufacturer's instructions for installation and operation.

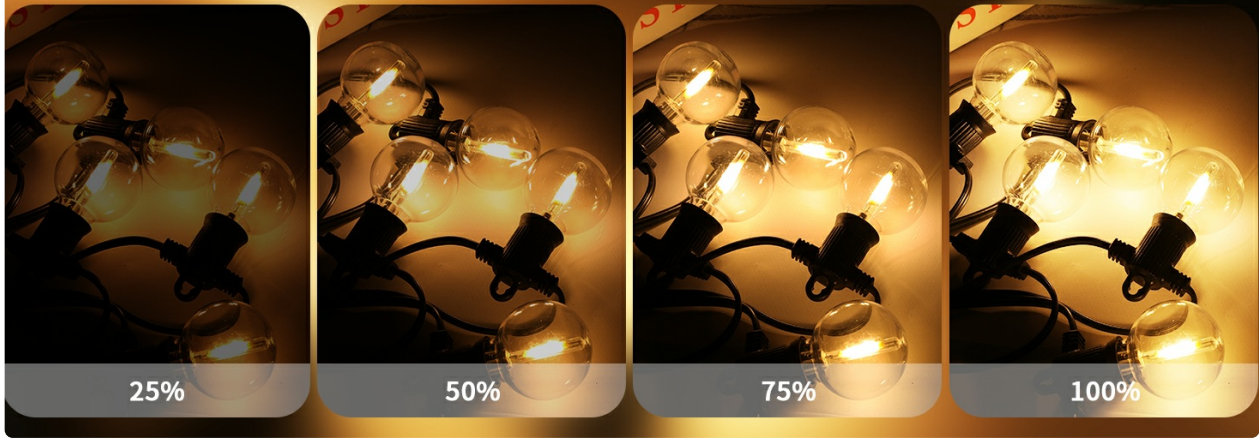The image below illustrates the dimming capability of the lights.

Image: Dimmable Feature (Dimmer Not Included)

MAINTENANCE

Cleaning

Ensure the lights are unplugged before cleaning. Wipe bulbs and cords with a soft, damp cloth. Do not use abrasive cleaners or solvents.

Bulb Replacement

If a bulb needs replacement, ensure the string lights are unplugged. Carefully unscrew the old bulb and screw in a new G40 plastic shatterproof bulb. Replacement filaments can be found by searching for B08G4N1CFS.
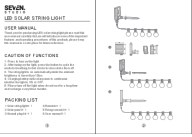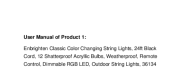
TROUBLESHOOTING

- **Lights do not turn on:**
  - Check if the power plug is securely inserted into a working outlet.
  - Verify that the power outlet is receiving electricity.
  - Inspect the fuse in the plug. If blown, replace it with a 5A MAX fuse.
  - Ensure all bulbs are securely screwed into their sockets.

- **One or more bulbs are out:**
  - These light strands are connected in parallel. If one bulb breaks or burns out, the remaining bulbs will stay lit. Replace the faulty bulb with a new one.

- **Lights flicker:**
  - Ensure all connections are tight, especially if multiple strands are connected.
  - If using a dimmer, ensure it is compatible and functioning correctly.

WARRANTY AND SUPPORT

ZOTOYI products are designed for durability and performance. For specific warranty details or technical support, please refer to the product packaging or contact ZOTOYI customer service directly. Protection plans are available for purchase separately to extend coverage for your product.
For replacement filaments, please search for B08G4N1CFS.

Related Documents - 12-25

	[ZOTOYI 200FT LED ST38 Outdoor String Light User Manual](#) This document provides care, maintenance, troubleshooting, safety, and installation instructions for the ZOTOYI 200FT LED ST38 Outdoor String Light. It includes a one-year limited warranty and details on package contents.
	[48ft Diamond LED Solar Powered String Lights User Manual](#) User manual for 48ft Diamond LED Solar Powered String Lights, including specifications, package contents, installation, advice, and attentions.
	[ZOTOYI 200FT LED ST38 Outdoor String Light User Manual](#) This document provides care, maintenance, troubleshooting, safety, and installation instructions for the ZOTOYI 200FT LED ST38 Outdoor String Light. It includes a one-year limited warranty and details on package contents.
	[48ft Diamond LED Solar Powered String Lights User Manual](#) User manual for 48ft Diamond LED Solar Powered String Lights, including specifications, package contents, installation, advice, and attentions.
	[Seven Studio LED Solar String Light User Manual](#) User manual for the Seven Studio LED Solar String Light, detailing functions, specifications, operation, installation, FCC compliance, and proper disposal. Features a solar-powered design with multiple lighting modes.
	[Enbrighten Classic Color Changing String Lights User Manual](#) User manual for Enbrighten Classic Color Changing String Lights (24ft, 12 bulbs, RGB LED, weatherproof). Includes setup, installation, remote control features, pairing, and safety instructions.