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### addlon JCD-E12/15/1W/C

# addlon 50FT LED Outdoor String Lights User Manual

Brand: addlon

Model: JCD-E12/15/1W/C

## 1. PRODUCT OVERVIEW

The addlon 50FT LED Outdoor String Lights are designed to provide durable, energy-efficient, and aesthetically pleasing illumination for your outdoor spaces. Featuring shatterproof Edison-style bulbs and a weatherproof design, these lights are suitable for year-round use in various conditions.

### Key Features:

- **Energy Saving:** Advanced LED technology reduces electricity consumption by up to 98% compared to traditional incandescent bulbs.
- **Shatterproof & Long Life:** Includes 15 sockets and 16 shatterproof LED bulbs (1 spare). Individual wick process provides enhanced safety and durability.
- **Waterproof & ETL Certified:** IP65 waterproof rating ensures resistance to rain, sun, wind, snow, humidity, and extreme temperatures.
- **Dimmer Compatible:** Can be used with compatible dimmer switches (not included) for adjustable mood lighting.
- **3 Year Product Support:** Backed by a 3-year quality support from addlon.

## 2. SETUP AND INSTALLATION

Before installation, ensure the power is off. Carefully uncoil the string lights to prevent tangling. The bulbs are shatterproof, but handle with care.

### Components Included:

- 1 x 50FT LED String Light Strand (15 sockets)

- 16 x Shatterproof LED Bulbs (1 spare)
- 2 x Fuses (1 spare)

### Installation Steps:

1. **Plan Your Layout:** Determine the desired path for your string lights. Consider using hooks, guide wires, or poles for support, especially for longer spans or in windy areas.
2. **Secure the Strand:** Use appropriate mounting hardware (not included) to secure the string light cable. The bulbs have a small mounting hole on top for hooks. Ensure the cable is taut but not overly strained.
3. **Install Bulbs:** Gently screw each LED bulb into its respective socket. Ensure they are tightened securely to maintain the IP65 waterproof seal.
4. **Connect to Power:** Plug the string lights into a standard 120V outdoor-rated electrical outlet. If using multiple strands, they are connectable end-to-end.
5. **Test Lights:** Turn on the power to verify all bulbs are functioning correctly.

### Visual Aids:



Main product view of the 50FT LED Outdoor String Lights.

# Advanced Waterproof Structure



IP65 waterproof for year-round use

Double layer structure



Sunproof



Snowproof



Waterproof



Windproof

Detail of the advanced IP65 waterproof structure for year-round use.

# Shatterproof LED Bulbs



Plastic that survives any fall

Impact-Proof Lights



Illustration of the shatterproof LED bulbs designed to withstand impacts.

# Dimension



Fits your space seamlessly



 **16 Wicks**  
(1 Spare)

 **15 Sockets**  
(E12base)

 **50 Feet**  
(3FT Spare)

 **2 Fuses**  
(1 Spare)



Diagram showing the total wire length, number of wicks, sockets, and fuses.

# Reliable & Sturdy Wires



Enhanced conductivity for better performance



Close-up of the high-grade copper and PVC cable jacket for enhanced durability.

### 3. OPERATING INSTRUCTIONS

The addlon LED Outdoor String Lights are designed for simple operation. Once plugged in, they will illuminate. For advanced control, consider using a compatible dimmer switch.

#### Dimmer Compatibility:

These string lights are compatible with most standard dimmer switches (not included). Using a dimmer allows you to adjust the brightness to create the desired ambiance for any occasion.

#### Usage Tips:

- For optimal energy savings, turn off lights when not in use.

- Ensure all connections are secure, especially in outdoor environments, to maintain waterproofing.

## Visual Aid:

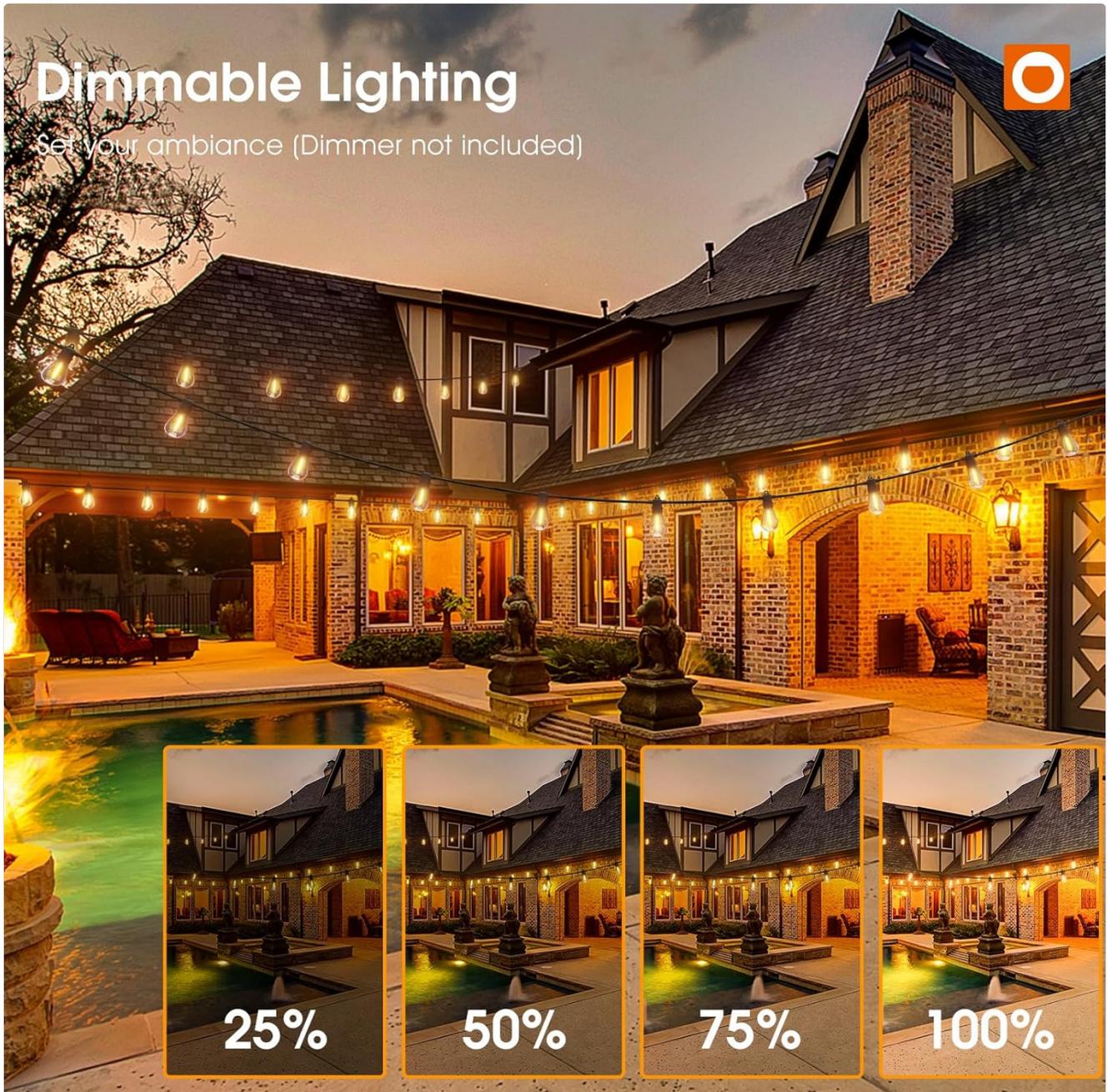


Illustration showing various dimming levels (25%, 50%, 75%, 100%) for adjustable ambiance.

## 4. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your addlon LED Outdoor String Lights, follow these maintenance guidelines:

- **Cleaning:** Periodically wipe down the bulbs and cable with a soft, damp cloth to remove dirt and debris. Do not use harsh chemicals or abrasive cleaners.
- **Bulb Replacement:** Although designed for long life, if a bulb needs replacement, ensure the power is off before unscrewing the old bulb and screwing in a new one. Use only compatible replacement bulbs.

- **Fuse Replacement:** If the entire strand stops working, check the fuse located in the plug. Unplug the unit, slide open the fuse compartment, and replace with a new fuse of the same rating (spare fuses included).
- **Storage:** If storing the lights for an extended period, coil them neatly and store in a cool, dry place away from direct sunlight.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the outlet.	Check the power outlet and circuit breaker.
Lights do not turn on.	Blown fuse in the plug.	Replace the fuse in the plug with a spare (see Maintenance section).
Lights do not turn on.	Loose bulb.	Ensure all bulbs are securely screwed into their sockets.
Some bulbs are not working.	Faulty bulb.	Replace the non-functioning bulb with a spare.
Lights flicker.	Loose connection.	Check all bulb connections and the main power plug.

## 6. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	JCD-E12/15/1W/C
Length	50FT
Number of Sockets	15
Number of Bulbs	16 (1 spare)
Light Source Type	LED
Bulb Type	Edison S14 (Shatterproof Plastic)
Light Color	Yellow (Warm White)
Voltage	120 Volts
Wattage per Bulb	1 Watt

Feature	Detail
Water Resistance Level	IP65 Waterproof
Special Features	Shatterproof, Weatherproof, Dimmer Compatible
Power Source	Corded Electric
Material	Plastic
Item Weight	2.16 pounds
Package Dimensions	10.43 x 6.42 x 5.63 inches
Manufacturer	ShenZhen Jin Chang Da Nonferrous Metals Co., Ltd Brand Name: addlon
First Available Date	March 8, 2022

## 7. WARRANTY AND SUPPORT

addlon provides a **3-year product support** for these LED Outdoor String Lights. This warranty covers manufacturing defects and ensures quality. For any inquiries or support needs, please refer to the contact information provided with your purchase or visit the official addlon website.

For further assistance, please visit the [addlon Store on Amazon](#).