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› LEDIARY /

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Model: 100FT Construction String Lights

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the LEDIARY 100FT Construction String Lights. This product is designed to provide bright, temporary lighting for various indoor and outdoor applications, including construction sites, attics, garages, and other job sites. Featuring a durable, weatherproof design and linkable functionality, these lights offer a versatile and reliable lighting solution.

2. SAFETY INFORMATION

- **Read all instructions:** Before installation and use, carefully read and understand all instructions to prevent injury or damage.
- **Electrical Safety:** Ensure the power source voltage matches the product's specified input (100-277 Volts AC). Do not overload circuits. Always unplug the string lights before performing any maintenance or bulb replacement.
- **Grounding:** This product is equipped with a grounded plug. Ensure it is connected to a properly grounded outlet.
- **Outdoor Use:** While rated IP65 weatherproof, ensure all connections are secure and protected from direct water exposure when used outdoors. Do not submerge the lights in water.
- **Bulb Handling:** Allow bulbs to cool before handling or replacing. Use only bulbs of the specified type and wattage.
- **Installation:** Do not install near flammable materials. Ensure adequate ventilation around bulbs. Do not secure the cord with staples or nails that could damage the insulation.
- **Damage:** Do not use if the cord, plug, or any part of the light string is damaged. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 x 100FT String Light Cord with 10 Medium Base Sockets
- 10 x LED Bulbs (10W each)

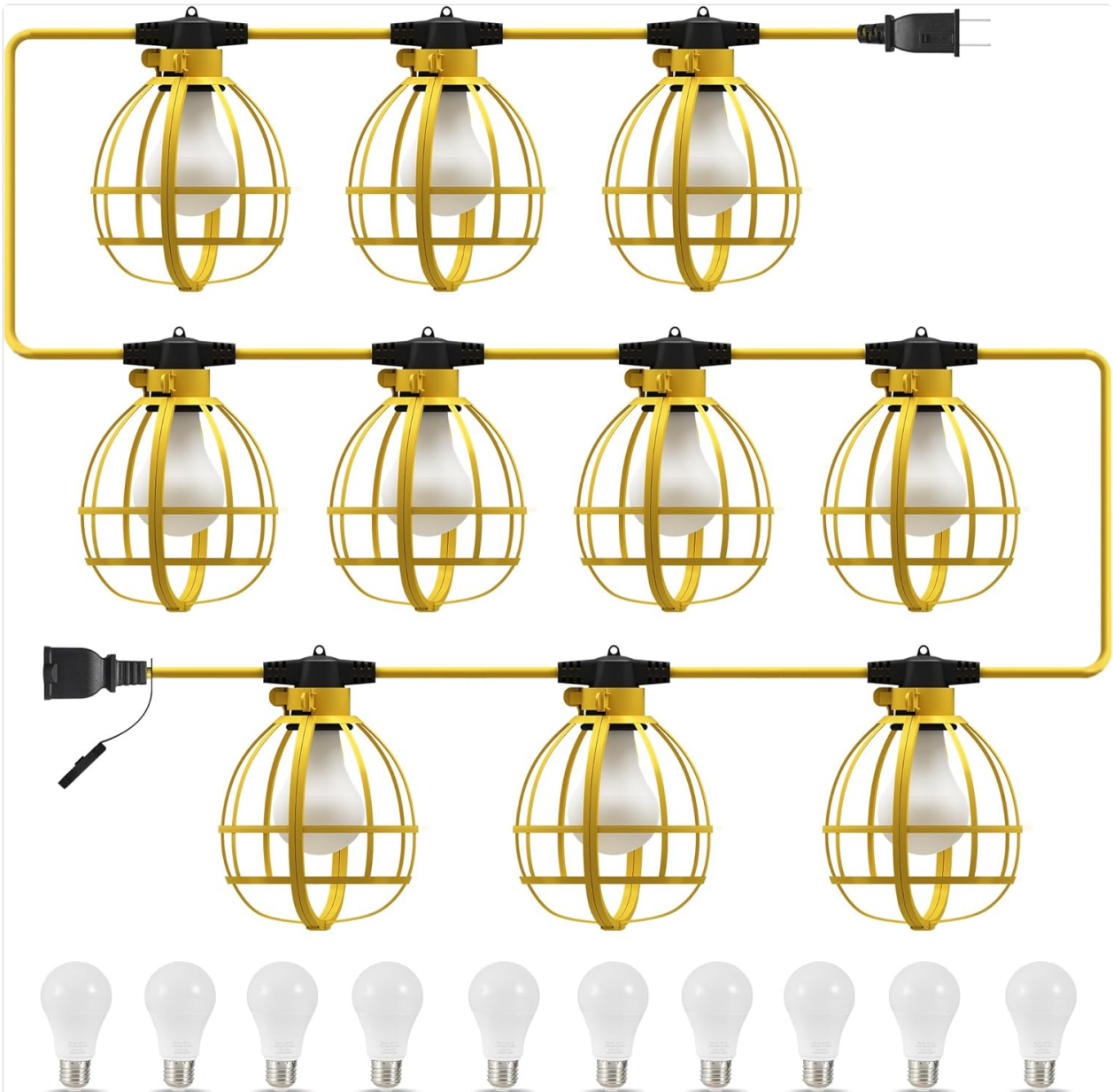


Image 3.1: Overview of the LEDIARY 100FT Construction String Lights, showing the 100-foot cord with 10 yellow caged sockets and 10 included LED bulbs.

4. SPECIFICATIONS

Feature	Specification
Length	100 Feet
Number of Bulbs	10 (included)
Wattage per Bulb	10 Watts
Total Wattage	100 Watts
Luminous Flux	10500 Lumens (Total) / 1050 Lumens (Per Bulb)
Color Temperature	6000K (Cool Daylight)
Input Voltage	100-277 Volts AC
Waterproof Rating	IP65
Wire Gauge	16 Gauge
Bulb Base Type	E26 (Medium Base)
Linkable	Yes, up to 8 sets (80 bulbs)
Lifespan	50,000 Hours
Certification	UL Listed
Usage	Indoor, Outdoor, Commercial
Item Weight	10.71 pounds



Image 4.1: Detailed specifications including dimensions, wattage, color temperature, and lumen output per bulb.

5. SETUP

5.1 Unpacking

1. Carefully remove all components from the packaging.
2. Inspect the string lights, bulbs, and cord for any signs of damage. Do not use if damaged.

5.2 Bulb Installation

1. Ensure the string light is unplugged from any power source.
2. Gently screw each LED bulb into the E26 medium base sockets. Do not overtighten.
3. Ensure the protective cage is securely fastened around each bulb.

5.3 Placement and Hanging

1. Determine the desired location for your string lights. Consider areas requiring temporary illumination such as construction zones, workshops, or outdoor work areas.

2. Use appropriate hanging hardware (not included) such as hooks, zip ties, or sturdy clips to secure the string lights. The sockets are designed with hanging points for easy installation.
3. Ensure the string is hung securely to prevent accidental falls or damage. Avoid placing tension directly on the electrical cord.

5.4 Connecting Multiple Strings (Linkable Feature)

The LEDIARY Construction String Lights are designed to be linkable, allowing you to connect up to 8 sets (totaling 80 bulbs) for extended coverage.

1. Ensure both string lights are unplugged from the power source.
2. Locate the male plug on one string and the female connector on the other.
3. Align and firmly push the male plug into the female connector.
4. Secure the connection by ensuring the waterproof cover on the female connector is properly sealed over the joint.
5. Plug the first string into a grounded power outlet.



Image 5.1: Illustration of the linkable design, demonstrating how to connect multiple string light sets using the integrated connectors and waterproof covers.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

To operate the string lights, simply plug the main power cord into a compatible 100-277V AC grounded electrical outlet. The lights will illuminate immediately. To turn off the lights, unplug the power cord from the outlet. This product does not feature an integrated on/off switch.

6.2 Intended Use

These string lights are designed for temporary lighting applications in demanding environments. Their robust construction and IP65 rating make them suitable for both indoor and outdoor use, including:

- Construction sites
- Workshops and garages
- Attics and basements
- Outdoor events requiring temporary illumination



Image 6.1: Visual representation of the lights' durability against various weather conditions, including sun, wind, rain, and snow.

7. MAINTENANCE

7.1 Cleaning

1. Always unplug the string lights before cleaning.
2. Use a soft, damp cloth to wipe down the cord, sockets, and protective cages.
3. Avoid using harsh chemicals or abrasive cleaners that could damage the materials.
4. Ensure all components are completely dry before plugging the lights back in.

7.2 Bulb Replacement

1. Ensure the string light is unplugged and the bulb has cooled completely.
2. Carefully unscrew the protective cage.
3. Unscrew the old bulb from the E26 socket.
4. Screw in a new E26 base LED bulb (maximum 10W per bulb) until snug. Do not overtighten.
5. Reattach the protective cage securely.

7.3 Storage

When not in use, store the string lights in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cord neatly to prevent tangling and damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on	No power to the outlet Loose plug connection Faulty bulb(s)	Check the power outlet with another device. Ensure the plug is fully inserted into the outlet. Check each bulb for proper seating and replace any burnt-out bulbs.
Some bulbs are not working	Loose or faulty bulb	Ensure all bulbs are screwed in tightly. Replace any non-functional bulbs.
Lights flicker	Unstable power supply Loose connection	Try plugging into a different outlet. Check all connections, including linked strings, for tightness.
Water inside sockets (despite IP65)	Improper sealing of linkable connector Extreme weather conditions	Ensure waterproof covers on linked connectors are fully sealed. While IP65 rated, avoid prolonged exposure to extreme conditions or direct high-pressure water jets.

9. WARRANTY AND SUPPORT

9.1 Manufacturer Warranty

LEDIARY provides a 5-year manufacturer warranty for this product, covering defects in materials and workmanship under normal use. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

9.2 Customer Support

For any questions, concerns, or warranty claims, please contact LEDIARY customer support. Refer to the product packaging or the official LEDIARY website for the most current contact information.

We are committed to providing a satisfied reply to all inquiries.