



# WireTap

## Installation Guide

### SAFETY PRECAUTIONS

**ATTENTION:** Improper installation or attachment of these products may lead to potential fire or electric shock hazards. Install products following the guidelines provided and in adherence to the latest electrical codes and/or the current National Electric Code (NEC) to mitigate risks.

**BEWARE –** To minimize the dangers of fire, electrical shock, or injury:

Commercial Grade Light String should only be installed by experienced, certified electrical contractors.

The light string can be anchored with steel guide cables, zip ties, and eyebolts, using appropriate diameter cabling as per local building codes. Refer to the provided chart for maximum span distances between supports.

Attach suspension cables securely to sturdy support structures such as beams, joists, or wall studs. Suspension cable is not included.

Ensure light sockets are oriented so that bulbs only point DOWN.

Maintain a safe distance between bulbs and flammable materials. Bulbs or sockets should not touch walls, ceilings, fabrics, or other objects. Bulbs should be suspended freely downward, at least 3" away from any objects.

Avoid bunching the bulbs together.

The product is not suitable for installation in ceilings, soffits, cabinets, or any confined spaces.

Avoid use near standing water such as pools or fountains.

Use non-conductive, non-sharp materials to secure light strings to buildings or structures. Do not use nails, staples, or similar materials.

Avoid puncturing or compromising the wire or socket's protective wire insulation.

Regularly check wires and sockets for wear and tear or damage from weather and UV light. Replace damaged light strings immediately.

**NEVER INSTALL THE LIGHT STRINGS WITH SOCKETS FACING UPWARDS!**

**AVOID EXCEEDING THE SOCKET'S RECOMMENDED MAXIMUM WATTAGE! (15 WATTS MAX)**

**DO NOT SURPASS THE RECOMMENDED MAXIMUM WATTAGE IN ANY STRING!**

**DO NOT REMOVE THE PLUGS!**

## POLARIZED PLUG SETS

- 1 | These string sets come with a built-in polarized plug designed to fit into a matching outlet. If there are compatibility issues, try reversing the plug. If the issue persists, consult a qualified electrician. Do not remove or modify the plug.

## CHANGING BULBS

CAUTION – ELECTRICAL SHOCK HAZARD!

- 1 | Ensure the power source is disconnected before changing bulbs in light strings. Avoid changing bulbs in outdoor light strings during rainy or adverse weather conditions.
- 2 | To remove the existing bulbs, gently hold the socket with one hand and turn the bulb counter-clockwise. Bulbs may feel tight in the sockets, this is normal to prevent rain intrusion.
- 3 | Once existing bulb is removed, screw in replacement bulb clockwise until it is firmly seated in the socket. Take care to ensure that the rubber flange makes a good seal around the top of the bulb.

## STRINGING WIRETAP

- 1 | The light sockets should only be hung with the bulbs facing downwards. NEVER HANG THE LIGHT STRINGS WITH SOCKETS POINTING UPWARD!
- 2 | Each end of every span of the light string must be firmly fastened to a support structure. For a 24 foot Cord & Plug Light String, the maximum distance for an unsupported span is 12 feet (6 sockets).
- 3 | Fasten the light string to the supporting attachments (such as eyebolts, brackets, etc., not included) utilizing cable ties (not provided). Refer to Figure 1.
- 4 | Cap the unused female plug at the end of the last light string using the attached cap.
- 5 | For unsupported spans that are longer than 12 feet, employ a suitably rated cable support system along with cable ties (none are included with the light string), and adhere to local regulations regarding suspended structures and weights.

**FIGURE 1**

