Light String Troubleshooting

Occasionally a section of lights may go out in your artificial Christmas tree or other holiday decoration. This is typically the result of a bulb that has become loose from the socket. Removing and reinserting the loose bulb should remedy the problem. Additionally, each light bulb has two small copper wires that come out of the base of the bulb, and fold upwards on each side (see diagram). If one or both of these wires are broken or not in their proper positions when placed into the bulb socket, the bulb will not light. Moving the copper wires into place or replacing the bulb should remedy the problem.

“One Light Goes Out, the Rest Stay Lit”
This technology uses an internal shunt within the bulb to continue the flow of electricity throughout a light string, even if a bulb has burned out. However, the shunt can fail if a bulb is broken, loose or removed, causing the flow of electricity through the string to stop.

Visual Inspection
Discard any light sets that have cut, damaged, or frayed wire insulation or cords, cracks in the lamp holders or enclosures, loose connections, or exposed copper wire.

An individual bulb that is not lighting can be easily replaced with one of the spare bulbs normally included with the product by following the directions in the Assembly Instructions Manual. If the entire string does not light, a fuse may have blown and will need to be replaced. Fuses are located in the light string plug and can be replaced by following the directions in the Assembly Instructions Manual.

Light Testers
Light testers can be found at major retailers like Lowes and Home Depot, at local garden centers and at online stores such as Amazon. Follow the instructions that come with the tester for the easiest and most effective way to find the bulb causing a string section not to light.

UL REGULAR & READY-LIT LIGHTS

Bulb Replacement Instructions
1. Unplug light string from power source.
2. Pull up on the Bulb Lock unlatching the bulb from the bulb socket. Gently pull the bulb straight out (Figure 1).
3. Before inserting the new bulb into socket, make sure that the two wires on either side of the bulb base are straight up and flush with the base (diagram at right).
4. Carefully insert new bulb into socket and push down Bulb Lock until it snaps into place (Figure 2).

Fuse Replacement Instructions (UL Regular & Ready-Lit Lights Only)
1. Unplug light string from power source.
2. Fuses are located in light string plug. Slide the fuse access cover away from cord side (in direction of arrow, Figure 3) exposing fuses.
3. Remove fuses from compartment and examine. Replace burnt out fuse with new one.
4. Close fuse compartment by sliding access cover back in towards cord side of plug (Figure 4).

LOW VOLTAGE LED LIGHTS

Bulb Replacement Instructions
1. Unplug light string from power source.
2. Pull up on the Bulb Lock unlatching the bulb from the bulb socket. Gently pull the bulb straight out.
3. Carefully insert new bulb into socket (bulb is keyed and only goes in one way) and push down Bulb Lock until it snaps into place.

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