

# Commercial Grade Light String Kits

## Installation instructions for LS-M-24-48 and LS-MS-24-48 light string kits

**WARNING:** These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with the owners manual, current electrical codes and/or the current National Electric Code (NEC).

### **CAUTION – To reduce the risk of fire, electric shock or injury to persons:**

1. Commercial Grade Light String is intended for installation by trained, qualified electrical contractors.
2. Light string must be supported by steel guide cables, with zip ties and eyebolts, or other suitable supporting hardware whenever span distances exceed twenty feet AND whenever a span includes the interconnection of two light strings. See Figure 1 on reverse.
3. Proper diameter cabling must be used for instances requiring guide wire between supports according to local building codes.
4. Suspend strings properly by attaching suspension cable (not provided) to solid support structures, such as joists, beams or wall studs.
5. Light sockets must be installed so that bulbs are facing down ONLY.
6. Keep combustible material clear of bulbs. Do NOT allow lamps or sockets to come into contact with walls, ceilings, fabrics associated with shades, blinds or other materials. Lamps should hang freely in a downward direction with a minimum of 3" space from the nearest object.
7. Do not cluster the bulbs.
8. Not intended for installation in ceilings, soffits, cabinets or other enclosed spaces.
9. Not intended for lighting aquariums.
10. Do NOT secure light string to buildings or other structural supports using nails, staples or other sharp, conducting materials.
11. Avoid damage to the insulation during installation. Do NOT pierce or otherwise compromise wire's or socket's outer covering, jacket or sheathing.
12. Periodically inspect wire and sockets for degradation due to weather, UV light or other damage. Promptly replace worn out light string.
13. **DO NOT MOUNT THE LIGHT STRINGS WITH SOCKETS FACING UPWARD!**
14. **USE WITH 25-WATT (MAXIMUM) BULBS ONLY!**
15. **DO NOT EXCEED 18 AMPS IN ANY RUN!**

### **WARNING – RISK OF ELECTRIC SHOCK!!**

Disconnect power at source prior to wiring, re-lamping or servicing in any way.

1. **Do not interconnect the light strings such the total load exceeds 18 amps.**
2. The light string kits are supplied with an attached polarized plug that will only fit into a polarized outlet. If it does not fit, reverse the plug. If it still does not fit, contact a qualified electrician. **Do not alter the plug.**

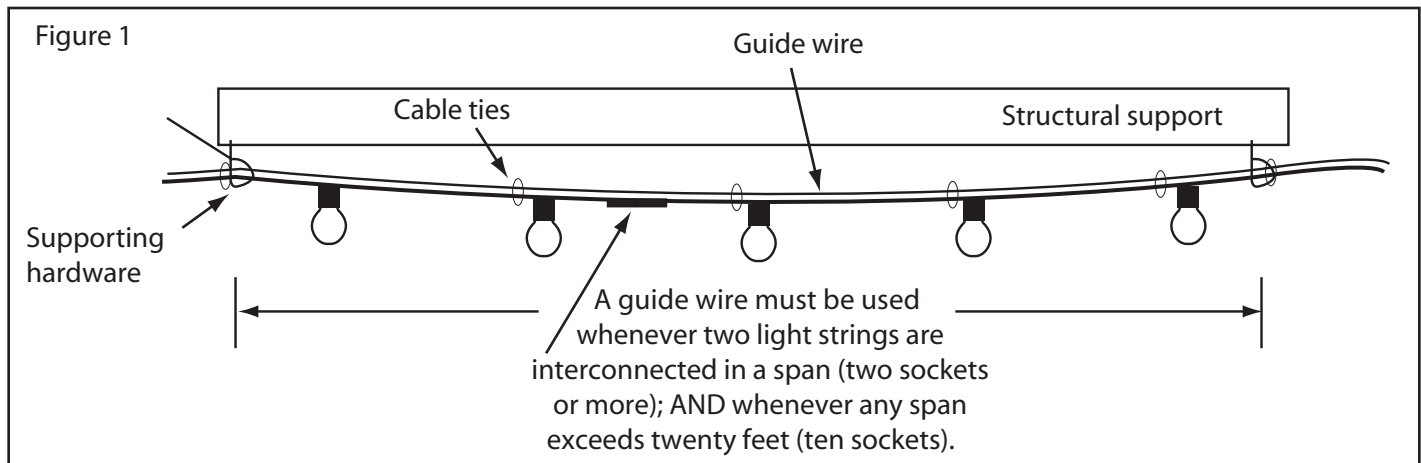
# RESTORATION HARDWARE

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### SECURING LIGHT STRINGS TO A MOUNTING SURFACE

1. Each socket of the light string must be securely attached to a support structure. Do NOT secure light string or its sockets to buildings or other structural supports using nails, staples or other sharp, fasteners that can pierce the wire jacket; or with conducting materials.
2. At each end of a span (two unsupported sockets or more), eyebolts or other supporting hardware must be used. The maximum span distance for LS-MS-24-48 and/or LS-M-24-48 between supports is twenty feet (ten sockets). Whenever the span distance includes a set of interconnected light strings, a guide wire must be used to provide strain relief and support for the light string. A guide wire is also required for any span that exceeds twenty feet. See Figure 1.



### RE-LAMPING LIGHT STRINGS

**WARNING – RISK OF ELECTRIC SHOCK!!** Disconnect power at source prior to re-lamping light strings. For outdoor light strings, do NOT re-lamp light strings during rain or other inclement weather conditions.

1. Re-lamp light strings only during dry and calm weather conditions.
2. Unscrew existing lamps by lightly holding the socket in one hand and twisting the lamp counter-clockwise. Lamps may be tight in the sockets. This is normal to prevent moisture from getting into socket.
3. Replace with medium base lamp of same wattage. **Do not exceed 25 watts per bulb.** Screw bulb into socket clockwise until top of socket forms a tight seal around bulb and bulb makes solid contact with socket.

**Maximum run for 48 foot plug-in kits interconnected together is 18 AMPS (2160 watts total); or 8 light string kits when lamped with no more than 10-watt lamps in each socket.**

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