



LED STRING LIGHT KIT

INDOOR / OUTDOOR

String Lights Installation and Use Guide

Item 812123 - STRING10L/14FT/16IN/E12/BLACK/LED/G16
14 Foot String Light with 0.7W G16 LED Bulbs

Safety Information

•For your protection and safety, please completely read and understand the information contained in this manual BEFORE you attempt to assemble, install or use this product. Failure to do so could lead to injury, electric shock or fire.

•If you are uncomfortable with any element of this installation – **STOP AND CONTACT A LICENSED ELECTRICIAN FOR ASSISTANCE.** Our Customer Experience team is unable to give electrical advice over phone, email or chat.

•Always use a voltage tester before touching any wire to ensure it is not live.

•For safety, always use tools with insulated handles and ladders made of wood or fiberglass.

•Do not use these products outdoors unless marked suitable for indoor and outdoor use. When products are used in outdoor applications, connect the product to a Ground Fault Circuit Interrupting (GFCI) outlet. If one is not provided, contact a qualified electrician for proper installation.

•Do not mount or place near gas or electric heaters, fireplaces, candles or other similar sources of heat.

•Do not submerge the product in or under water.

•Do not string product directly over pools, spas or other recreational water areas.

•Do not secure the wiring of the product with staples or nails, or place on sharp hooks or nails. Install only using the mounting means provided.

•Do not let lamps rest on the supply cord or on any wire.

•Do not use this product for other than its intended use.

•Do not hang objects from cord, wire, or light string.

•Do not close doors or windows on the product or extension cords as this may damage the wire insulation.

•Do not cover the product with cloth, paper or any material not part of the product when in use.

•This product has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not use with an extension cord unless plug can be fully inserted. Do not alter or replace the plug.

Package Contents

A – 1pc 14' 18/AWG 2 Conductor Wire with 10 Attached
Candelabra Base Sockets (E12)
B – 10 pcs 0.7W G16 Candelabra Base (E12) LED Bulbs

Note: MAXIMUM bulb wattage per socket is 25W. See chart for wattage and maximum number of strings linkable

14' 18/AWG String	
Bulb Wattage	Maximum Number of Strings
1W or Less	40
11W	7
15W	5
25W	3

Installation Instructions

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IMPORTANT: Turn off the power at the main fuse or circuit breaker box before starting installation.

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 these instructions, and current electrical code and/or the current National Electric Code (NEC).

CAUTION: Risk of Fire. Keep lamps away from any combustible surface. To reduce the risk of fire, electric shock or injury to persons:

•Commercial Grade String Lights are intended for installation by trained qualified electrical contractors. If you are uncomfortable with any element of this installation – **STOP AND CONTACT A LICENSED ELECTRICIAN FOR ASSISTANCE.** Our Customer Experience team is unable to give electrical advice over phone, email or chat.

•**IMPORTANT** – Inspect the wire insulation for any cuts or damages that may have occurred during shipping. If any defects are noted, do not install the String Light and instead call Bulbrite Customer Experience for assistance.

•String Lights can be supported by steel guide cables with zip ties and eyebolts (sold separately). Proper diameter cabling must be used for the maximum span distance between supports according to local building codes. We recommend attaching every 3rd socket to the support wire, but maximum length between supports is 20 feet.

•Suspend strings properly by attaching suspension cable (not provided) to solid support structures, such as joists beams or wall studs.

•Light sockets must be suspended so that bulbs are facing down ONLY.

•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.

•Do not cluster the bulbs.

•Not intended for installation in ceilings, soffits, cabinets or other enclosed spaces.
•Not intended for lighting aquariums.

•DO NOT secure String Lights to buildings or other structural supports using nails, staples or other sharp conducting materials.

•Avoid damage to the insulation during installation. DO NOT pierce or otherwise compromise wire or socket outer covering, jacket or sheathing.

•Periodically inspect wire and sockets for degradation due to weather. UV light or other damage. Promptly replace worn out light string.

•DO NOT MOUNT THE STRING LIGHTS WITH SOCKETS FACING UPWARD!

•DO NOT OVERLOAD ANY SOCKET MAXIMUM WATTAGE RATING!

•DO NOT OVERLOAD MAXIMUM WATTAGE CAPACITY!

•WARNING – RISK OF ELECTRIC SHOCK

Installing Bulbs or Relamping

1. Turn off the power at the main fuse or circuit breaker box before starting installation.
2. Before plugging in the string light, install a bulb in each socket. Turn the bulb clockwise, slowly but firmly until tight in the socket.
3. Cover the female end of the string light set with the attached included outlet cover.
4. Plug string light into a standard 120V outlet (GFCI outlet if outdoors) and check to see that all bulbs are lit.
5. If any are not lit, unplug the string and retighten the bulb in the socket
6. Repeat steps 3-5 until all bulbs are lit.

NOTE: If certain bulbs will not light, unplug the string light from the outlet and check the contact inside the socket (brass contact at the center of the socket). It may be necessary to raise the contact point somewhat to ensure reliable contact with the base of the bulb. Ensuring power is off, bend the contact upwards with a small flat-head screwdriver (no more than 25-30 degrees). Then retry from step 2.

Hanging The String Light Set

1. The string light must be securely fastened to a support at the end of each span.
2. For individual strings or connected string lengths over 20' long, the string must be connected to a support at minimum every 20' along the string, and at each junction point between strings. We recommend connecting every 3rd socket to the guide wire with cable zip ties.
 - a. String Lights can be supported by steel guide cables with zip ties and eyebolts (sold separately). Proper diameter cabling must be used for the maximum span distance between supports according to local building codes and electrical codes. We recommend attaching every 3rd socket to the support wire, but maximum length between supports is 20 feet.
3. Light sockets must be suspended so that bulbs are facing down ONLY.
 - a. DO NOT MOUNT THE STRING LIGHTS WITH SOCKETS FACING UPWARD!
 - b. 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.
 - c. Do not cluster the bulbs.

NOTE: In order to prevent damage the string light insulation during installation, do not use staples, nails, tacks or any other sharp instruments that may damage the cord to attach the string to building or other structural supports.

Care & Cleaning

- Ensure device is unplugged during cleaning.
- Do not use any cleaners with chemicals, solvents or harsh abrasives.
- Use a soft dry or slightly damp cloth to dust or wipe the product surfaces.
- Periodically inspect wire and sockets for degradation due to weather, UV light or other damage. Promptly replace worn out light string. Do not operate the string light if any portion of the string, sockets, or bulbs are damaged in any way.
- To replace any damaged or defective lamps, follow instructions under INSTALLING BULBS section.

Limited Warranty:

1 year from the date of purchase. If product fails within the warranty period, please contact: Bulbrite Industries, Inc., 145 West Commercial Avenue Moonachie, NJ 07074 | 800.528.5555 | info@bulbrite.com Bulbrite standard warranty terms and conditions shall apply.