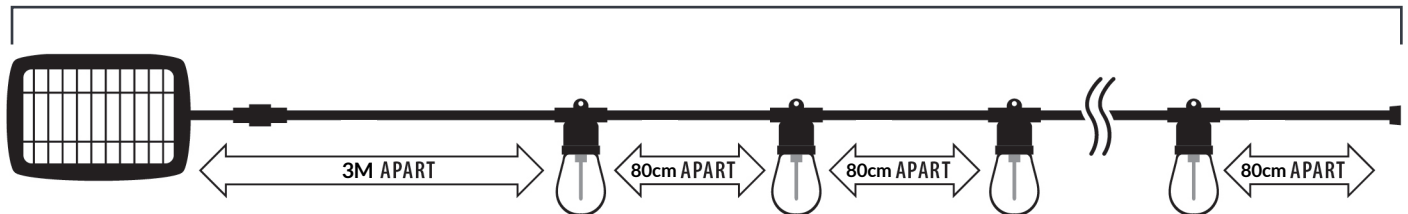


15m Solar Powered Festoon String Lights

Solar powered outdoor, waterproof/shatterproof LED string lights—with 1 watt DC Cozy-spectrum (candlelight-like) vintage style bulbs—for easy install for backyard and patio delight.

- 15 bulbs spaced 80 cm apart.
- **POWERFUL:** can run 6+ hours per night, following sunny day and 3+ hours following cloudy day. **And, NO ELECTRICITY!**
- Flexible cord outdoor patio string lights with 1W, DC, E27 standard base, S14 Edison-style shatterproof bulbs in candlelike spectrum for outdoor use.
- Warm glow matches relaxation-generating light-spectrum of candle and firelight.
Light-spectrum also designed to NOT attract bugs.
- Auto on/off based on sunlight and darkness.
- Continuous illumination or strobe feature.
- Compact solar panel is attractive, takes little space and is easy to install.
- **INCLUDES** ground stake and mounting bracket for rail or wall installations.
- For cozy, romantic, relaxed mood for your patio, pergola, trellis, bistro, lanai, or campsite.
- Provides just the right illumination for cozy romantic mood, for your enjoyment, for outdoor entertaining and dining.
- Can serve as light canopy for outdoor weddings, reunions, birthdays and events.. perfect for outdoor restaurants and bistros, and designed to last for years.
- To be used as single strand, **NOT CONNECTABLE.**
- Use only supplied (or LiquidLEDs replacement) 1 watt DC E27 standard base S14, Edison style bulbs.
- Durable rubberized strands and light housings are flexible and easy to install with heavy duty uv resistant cable ties, eyebolts or other appropriate hardware.
- 15 bulbs are low energy, shatterproof, high efficiency, cool temperature, 1 W DC polycarbonate, S14 vintage style, E27 standard base LED bulbs.
- **NO ELECTRIC COST!**
- LiquidLEDs is Australian based, service oriented and quality company.

15m Solar Powered Festoon String Lights (15 light sockets)



DO NOT ATTEMPT TO CONNECT SOLAR STRINGS FROM END TO END.

Directions for Installation and Use

Read and follow ALL SAFETY INSTRUCTIONS before assembly, installation and use.

WARNING: When using electrical lighting products, basic safety precautions must always be followed to reduce risk of electric shock, fire and personal injury.

Retain instructions for future reference.

Liquid
LEDs

LiquidLEDs Lighting Pty Ltd
Phone 02 8880 9033
www.liquidleds.com.au

CAUTION: Risk of Shock and Fire

This is an electrical product with inherent risks! To avoid risk of burns, fire, personal injury or electrical shock, it must be used properly and kept out of reach of children. It is not a toy!

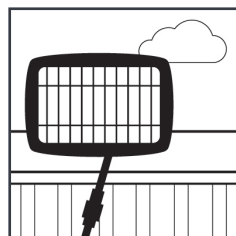
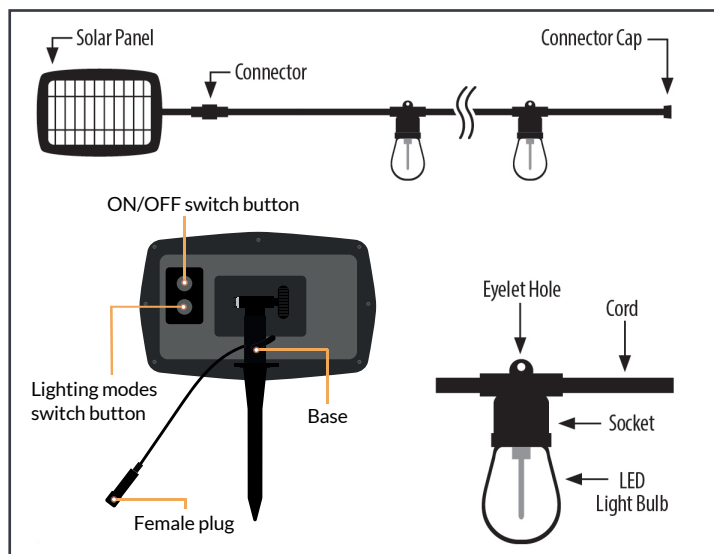
- **USE ONLY 1 W DC bulbs, E27 standard base LED bulbs.**
- **DO NOT EXCEED 1 watts per bulb.**
- **DO NOT USE DC bulb (use only 1 watt DC LED bulbs with E27 standard base).**
- **Do not** allow bulbs (lamps) to rest upon supply cord, electrical cord or any wire.
- **Do not** cover the light string or bulbs with paper, plastic, cloth or any other material.
- **Do not** remove bulbs or inspect product components unless disconnected from power source.
- **Do not** open bulbs—there are no serviceable parts inside.
- **Do not** operate product with missing bulbs or open sockets. Replace missing bulbs promptly (before further use).
- **Do not** place near electric or gas heater, candles, fireplace or any other heat or combustion source.
- **Do not** run cord or string through doors or windows, which upon closing could abrade or damage the wire coatings.
- **Do not** touch active bulbs as they are hot to the touch.
- **Do not** submerge in water or other liquid.
- **Do not** secure the wiring of this light string with sharp hooks, staples or nails.
- **Do not** use on trees unless living, fresh, hydrated, mechanically intact and secure against breaking or tipping with no contact between bulbs or sockets and branches or leaves.
- **Do not** use for marking emergency exits.
- **Do not** use within 5 meters of hot tubs, pools or spas or anywhere it might fall and become submersed in such liquid filled devices.
- **Do not** hang ornaments, clothing or any other object from cord, bulb, wire or any other part of extension cord or light string.
- **Do not** use where water can pool or accumulate near or around extension cord, bulbs, or either end of light string.
- **Install only** using the recommended means of mounting.
- **Not designed for permanent installation**—this is a seasonal use product.
- **Power output:** maximum of 15 watts per light string.
- **Insure** that support object has sufficient structural capacity to support weight of light string and bulbs, even in high wind.
- **Do not** use product for other than its intended use.
- **Exercise good sense**, common sense and caution in accord with your intended use.
- **If in doubt** about the installation or application of this product, consult help@liquidleds.com.au
- **If not installed and used per instructions**, may cause excess heat or harmful interference to radio communications.

INSTALLATION: Warning

- **Disconnect power** at the solar panel before installing or servicing this product.
- **Tools needed** for installation (not included) include safety glasses, ladder, supporting hardware (based on your setting which may include eyebolts, brackets, heavy duty uv resistant cable ties and/or guide wire), pliers, thin gloves, screwdriver and scissors are commonly employed. Typical set up and installation time is 20-30 minutes.

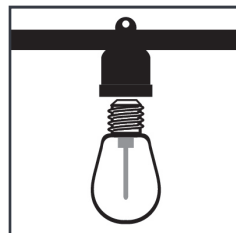
STEP 1: INSPECT Carefully remove components from packaging and lay them out on a smooth work-surface. Carefully uncoil light string. Inspect all aspects of product carefully. Return product to manufacturer if any part of the light string, cord, or connector is cut, damaged, cracked, frayed or if any connector or lamp-socket is damaged or loosened, or any wire is exposed.

NOTE: If any part is missing, do not attempt to assemble and use. Contact LiquidLEDs for shipment of missing part.

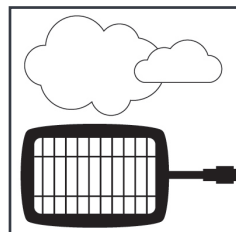


STEP 2: SELECT LOCATION FOR SOLAR PANEL and visualize where you would like the light string to be. Things to keep in mind:

- **Light string is 15 meter long.** NOTE: The first 3 meter (from solar panel) have no bulbs.
- **Solar panel must face west** in order to capture most energy from sun.
- **Solar panel can peg into the ground, or be mounted into railing, siding or other suitable support.**
- **Solar panel uses light sensor for ON/OFF**, so must be located away from nighttime illumination.



STEP 3: INSTALL BULBS With light string un-plugged (no power), insert only 1 watt DC LED Bulbs with standard E27 base into each socket and gently tighten clockwise until fully seated in rubber seal. Do not over tighten.



STEP 4: INSTALL SOLAR PANEL, AND CHARGE BATTERY: Once a suitable location is chosen, securely install solar panel with light panel facing south at an angle perpendicular to midday sun. Your options are as follows:

- a. Using ground stake, place stake securely into ground in suitable location. Or,
- b. Using 3 each, 5/8 inch long pan-head screws to mount solar panel securely into rail or siding.

LET CHARGE ONE FULL DAY BEFORE CONNECTING LIGHT STRING. Or alternatively precharge using micro USB cable (not included).

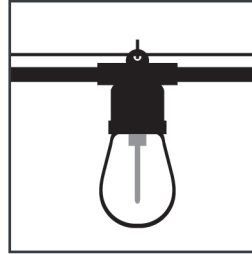
See next page for STEPS 5 & 6.

INSTALLATION: Warning continued.



STEP 5: TEST Connect the male end of the light string into the female end of the Solar Panel cord. On the back side of the solar panel, turn the switch to "ON" Then, test the bulbs by covering the solar panel with a dark towel (to activate the sensor). Check each bulb to see that it's lit up. If not, adjust tension on bulb, or try another bulb.

STEP 6: INSTALL LIGHT STRING with light string **UNPLUGGED** (no power) attach "eyelet holes" to supporting.



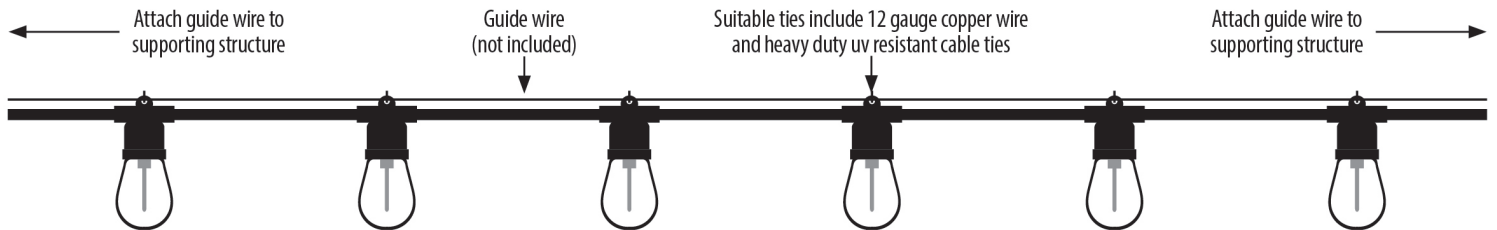
structure or guide wire using smooth surfaced fasteners such as 12 gauge copper wire, eyebolts or brackets (not included), or heavy duty uv resistant cable ties.

NOTE: maximum unsupported distance is 20 feet.

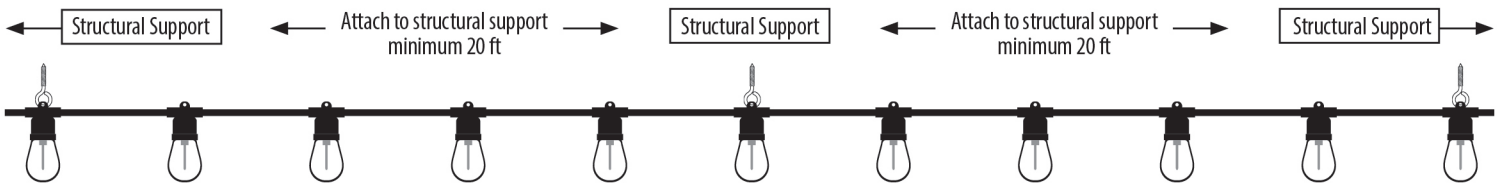
NOTE: use only appropriately rated guide wire (cable) for spans beyond 20 feet.

NOTE: light sockets must hang downward, not sideways or upward. This is to prevent water from getting in the socket.

Installation Method A: Using a guide wire with ties (not included).



Installation Method B: Attach to a structure.



ROUTINE MAINTENANCE

- **Regularly inspect condition of fasteners** and fix or replace if showing wear or insecure attachment or support.
- **Regularly inspect light bulbs** and replace only with 1W DC standard E27 base LED bulbs if burned out or broken—**after unplugging (disconnecting power source).**
- **Regularly inspect condition of light string and power cord (from solar unit).** If light string, sockets or any other aspect of light string or power cord are showing signs of abrasion or wear and tear, then discontinue use and properly dispose of.

CAUTION: DO NOT ATTEMPT TO CONNECT SOLAR STRINGS FROM END TO END. THEY ARE TO BE USED ONE STRING PER SOLAR PANEL ONLY.

DISCONNECTING & STORING STRING LIGHTS: Warning

- **Carefully remove** product from its support including trees, branches, or bushes in order to avoid any undue strain or stress on the product. Neatly wrap product and store in cool dry place protected from sunlight.
- **When ready to reuse:** FOLLOW THE SAME STEPS AS FOR INSTALLATION (SEE ABOVE).