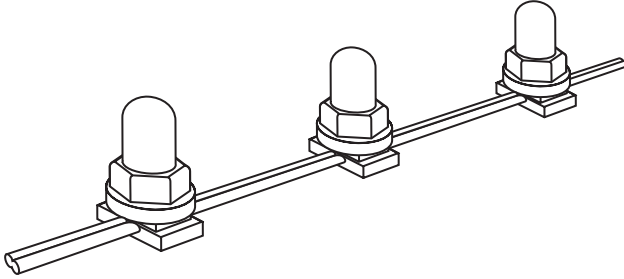


INSTALLATION  
INSTRUCTIONS

# LED GLOBE LIGHT

Flexible Marquee String  
with LED Long Life, Ultra Low  
Energy Consumption Technology



## LED GLOBE LIGHT SPECIFICATIONS

<b>Voltage</b>	12V
<b>LED Specifications</b>	0.5 watt, 4-chip, LED unit
<b>Average LED Life</b>	60,000 hours
<b>LED Spacing</b>	1 foot (12") on center
<b>LED Color</b>	White
<b>Construction</b>	Parallel wired on UL listed 16g wire. Sold in custom cuts to a maximum of 200 LED globes (200'). Field cutable, with field installable end cap.
<b>Cutability</b>	Cutable anywhere
<b>LED Socket &amp; Wire Color</b>	Black LED sockets, black wire, clear globe

### **WARNING:**

- INTERCONNECTED STRINGS MUST NOT EXCEED 200 LED GLOBES.
- USE ONLY NSL SUPPLIED 0.5 WATT LED UNIT (LEDGL-B-XX).
- NSL STRONGLY RECOMMENDS, AND LOCAL ELECTRICAL CODE MAY REQUIRE, USE OF A 110V GFI WITH THE 12V TRANSFORMER IN OUTSIDE APPLICATIONS.
- NOT FOR USE WITH DIMMERS.
- 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 OWNER'S MANUAL, CURRENT LOCAL CODES, AND/OR THE CURRENT NATIONAL ELECTRICAL CODE.

## SAFETY

First make sure transformer IS NOT PLUGGED INTO a receptacle, and fixture is not receiving power in any way.

## SYSTEM DESIGN

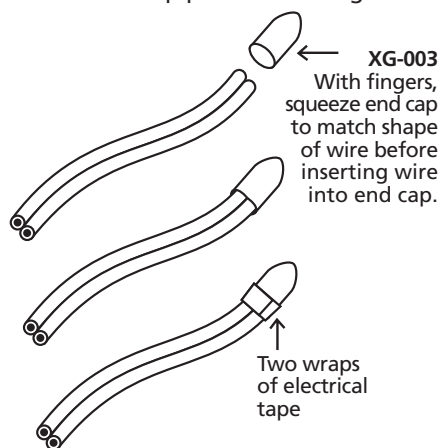
Lay out the project in sections that do not exceed 200 LED globes in any one interconnected section. To shorten an interconnected section, LED Globe Light is field cuttable. See Field Cutting below.

### **WARNING:**

DO NOT INTERCONNECT LED GLOBE LIGHT STRINGS IN SECTIONS GREATER THAN 200 TOTAL LED GLOBES.

## FIELD CUTTING

If you decide to cut off a piece of an LED Globe Light string to custom fit an application, again first make sure power is not reaching product you are about to cut. Cut the LED Globe Light between bulb sockets with a sharp pair of garden shears. Push XG-003 end cap onto cut end of the string. Make sure end cap is secure, then snugly wrap electrical tape around end cap per the drawing below.



## MOUNTING

Mount individual LED sockets to mounting surface using appropriate nail clips.

## LED REPLACEMENT

To replace a LED 4-chip unit, first turn off all power to the LED Globe Light string. Hold onto socket, turn globe counter clockwise. Hold onto LED socket and firmly pull out 12 volt, 0.5 watt LED 4-chip unit. Replace only with our part number LEDGL-B-32 and firmly push unit into wedge-base socket. Replace globe by firmly turning globe clockwise until reaching stop.

### **WARNING:**

USE ONLY 12V NSL REPLACEMENT LED 4-CHIP UNIT (LEDGL-B-XX).

## CONNECTING TO TRANSFORMER

Make sure every socket is secured to the mounting surface, all sockets have the correct LED units of no more than 0.5 watts, and an appropriate end cap is terminating the section. Bring lead wire from LED Globe Light string into a UL listed, outdoor rated, 12 volt transformer not to exceed 150 watts per output tap (NSL part number TR-12-150, TR-12-300, or TR-12-600). Make sure transformer is not receiving power! Loosen cover. Knockout one of the metal tabs and install appropriate strain relief. Bring LED Globe Light wire through strain relief, strip off 3/8" of insulation on both wires, insert wire into 12V terminal block inside transformer and tighten screws on terminal block securing wires. Tighten strain relief onto LED Globe Light wire. Close and secure transformer cover. After checking end cap is in place, and transformer cover is secure, plug transformer into 110VAC GFI outlet.

### **WARNING:**

NOT FOR USE WITH DIMMERS.

## NATIONAL SPECIALTY LIGHTING

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2/10