

INSTALLATION INSTRUCTIONS  
STL68-WW-16-12VAC



**⚠ 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, current electrical codes, and/or the current National Electric Code (NEC).

**⚠ WARNING**

Use only with 12V AC transformer with a wattage capacity that can handle the total load. Factory warranty will be void if used with a non-recommended power supply, transformer or driver.

**⚠ WARNING**

To reduce the risk of fire, electric shock or injury to persons, make sure that the electrical power to the system is disconnected at the source prior to installation or any servicing.

**⚠ WARNING**

Never fold Trulux® or bend past the minimum bending radius of 1" whether lighted or unlighted.

**SAFETY INFORMATION**

- Read all installation instructions before beginning; if not qualified, do not attempt installation. Contact a qualified electrician.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual and stay within its guidelines when using this product. Save these instructions for future use.
- Do not cover this product with paper surface coverings, fabrics, streamers, or other similar combustible materials.
- Do not operate Trulux on the reel, nor while it is coiled.
- This IP68 rated tape light is suitable for outdoor use in wet locations. Not intended to be submerged at depths greater than 1 meter.
- Not suitable for exposure to chemicals such as chlorine or bromine.
- Seal any cut end with IP68 end cap and silicone or polyurethane sealant (sold separately).
- Do not route the cord or tape light through walls, ceilings, doors, windows, or any similar part of the building structure.
- Secure tape light using mounting clips provided with the tape and/or factory recommended mounting clips, mounting track, and aluminum channel (sold separately).
- Do not secure this product or its cord with staples, nails, or like means that may damage the outer jacket or cord insulation.
- Do not use if there is any damage to the tape light, diodes or power cord insulation; inspect periodically.
- Do not install on gates or doors, or where subject to continuous flexing.
- Do not install in airtight tanks or enclosures of any kind.
- Size your 12V AC transformer (not included) appropriately for your run distance. Be sure not to load a power supply to 100% as this will reduce its efficiency; a 90% maximum load is recommended.

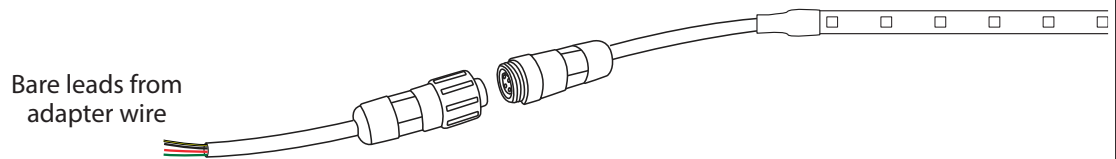
**LAYOUT CONSIDERATIONS**

Pay close attention to the following maximum run lengths:

Series	Wattage	Cut Increments	Maximum run
STL68 Series	2.2W/ft	19.68"	20 feet (44 watts)

Each reel includes (1) attached 1ft IP68 female lead, (1) attached 1ft male IP68 tail, and (2) 6ft connector cables (IP68 connector to bare leads). See Figure 1. Each reel may be cut only once; be sure to seal the cut ends with appropriate IP68 end cap and silicone or polyurethane sealant to preclude the entrance of water. The piece cut off can be sealed and used.

FIGURE 1



**INSTALLING AND WIRING:**

1. Disconnect power at source before installing STL68 tape light.
2. Consider distance to transformer location from tape light installation.
3. Locate the transformer in a protected dry location. Using included 6ft IP68 connector cable bring 12V AC power from the transformer to the attached IP68 power feed.
4. Connect bare leads of connector cable to 12V AC transformer per transformer instructions.

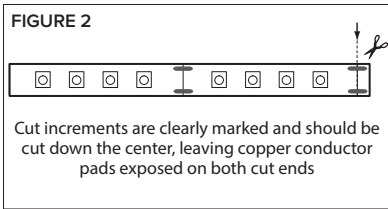
## INSTALLATION INSTRUCTIONS STL68-WW-16-12VAC



### CUTTING AND SEALING:

**NOTE:** Cut increments are every 19.68". Failure to cut on cut increment marks will result in dead tape.

1. Disconnect power before making any cuts.
2. Using marked cut increments for reference cut tape with utility knife. See Figure 2.
3. Fill end cap with silicone or polyurethane sealant (sold separately).
4. Insert cut end of tape into the end cap and wipe away any excess sealant.
5. Allow sealant to dry before exposing to water.



### ADDITIONAL SAFETY MEASURES

1. Route and secure cords so that they will not be pinched or damaged in any way.
2. LEDs are bright. Do not look directly at lighted tape light.

**Important Note:** The National Electrical Code (NEC) does not permit cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, ceilings, soffits, or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when damage is noted.