

MAKE SURE LEDTask AMPERAGE DOESN'T EXCEED POWER SUPPLY*

Make all connections and test system before installing

Note: 24watts / 2amps per 5-meter reel and 4.8watts / 0.4amps per 1-meter reel

- Cutting the LED ribbon to desired length:** Using scissors the LED ribbon can be cut on the clearly marked cutting line which is located every 3 LEDs (Fig 1) except where the solder drops are located on the ribbon. The solder is located every 19-1/2 inches on the ribbon. Making a cut on the solder or anywhere else on the ribbon except on the cutting line will damage the ribbon and it will not operate. **NOTE: The piece of ribbon left over from your cut CANNOT be used - keep this in mind when designing the layout.**
- After the cut is made:** Fill the end cap with the silicone sealant provided and slide over ribbon (Fig 2). Smooth overfill along the edge of end cap to ensure watertight seal (**allow to dry overnight**).
- Connecting multiple reels together:** Plug female connector at end of reel into male connector at beginning of the 2nd reel. Follow these steps when using LTCWP ribbon to ribbon connectors (Fig 3). **NOTE: A maximum of (2) 5-meter reels or (10) 1-meter reels can be connected together and wired back to the power supply.** Using these guidelines will eliminate possible voltage drop.
- Wiring from Ribbon to Power Supply:** Plug the LTW-24-WP series waterproof female connector into the male connector affixed to the start of the reel. Wire back to the power supply (Fig 4). **NOTE: Wire with white stripe on female connector is 'positive'.** Power supplies must be installed in waterproof listed enclosures or a watertight structure; excluding LTHM50-DIM and LTHM100-DIM which are listed for wet location.
- Mounting ribbon to surface:** Use the mounting clips and screws provided to attach ribbon to surface (Fig 5). Four clips per meter are included. **NOTE: Avoid mounting the clips directly over an LED.**
- Securing connections:** Use additional clips to secure connectors located at the end of the run to the mounting surface (Fig 6). **THIS PRODUCT IS UL LISTED 'WET LOCATION' AND IS NOT INTENDED TO BE SUBMERGED DIRECTLY IN WATER.**



Fig 1



Fig 2

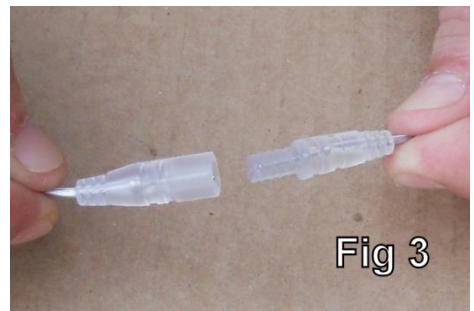


Fig 3

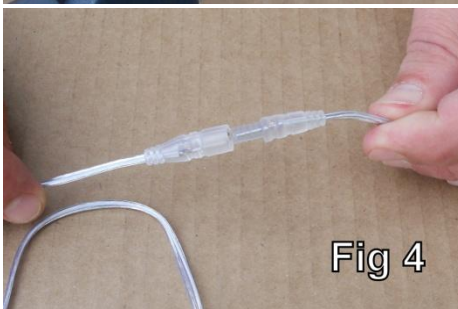


Fig 4

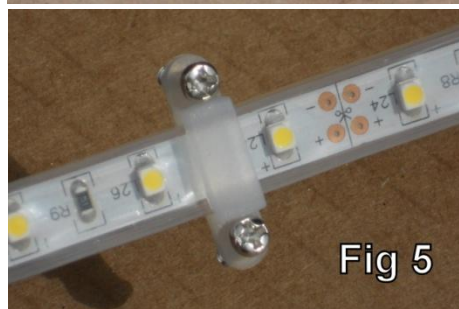


Fig 5

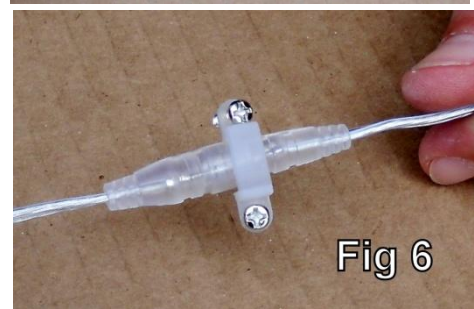


Fig 6