

# Installation Instructions

\*\*\*URGENT: READ PRIOR TO ATTEMPTING INSTALLATION\*\*\*

## SPECIALTY LIGHTING – HIGH OUTPUT LED TAPE LIGHT

ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION

Item#	Description	Rating
NUTP8-LED	24V High Output LED Tape Light (Amber Finish)	24V / 4.2W/ft.
NUTP8-WLED	24V High Output LED Tape Light (White Finish)	24V / 4.2W/ft.

INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN.

### **IMPORTANT: Please read before installation**

- Always turn off power prior to installation or replacement.
- Tape Light contacts are very fragile, handle with care.
- Do not turn on Tape Light while on the spool, may cause the tape light to overheat and melt or ignite.
- Do not press directly on the LEDs themselves, as it may cause damage.
- Do not use the product in a potentially combusive environments.
- Do not cover this product as the covering may cause the tape light to overheat and melt or ignite.
- Do not operate with the tape light tightly coiled.
- Do not route the cord or tape light through walls, doors, windows or any like part of the building structure.
- Do not use if there is any damage to the light or cord insulation. Inspect periodically.
- NUTP8 Series is cULus Listed for Damp Location.
- Secure the tape light using only the 3M™ tape, hangers, clips, or NATHR-680 Aluminum Channel (sold separately). Do not secure this product or its cord with staples, nails, or like means that may damage the insulation or permanently attach to the building structure.
- Wire leads and accessories are not rated for in-wall installation unless otherwise noted.
- Attached wire leads and connections are field-cuttable.
- Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted.
- Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
- Do not install in environment where excessive heat may exist (ex. close proximity to the fireplace, etc.)
- See operating temperature on spec sheet.

### **Installation Instructions:**

1. Decide where you want to place the LED tape light.
2. The tape light has a 3M™ self-adhesive backing, ensure the surface area that you intend to adhere the tape light to is clean and dry. Simply remove the backing strip and carefully lay the tape light in place working from one end to the other ensuring there are no raised sections.
3. Using a lint-free cloth gently press between the LEDs on the tape to remove any air bubbles and activate the adhesive, make sure you do not press on the LEDs themselves as this could damage the joint.

### **Wiring Instructions to Driver:**

1. Driver has male plug and the LED Tape Light has the female connector. Plug male connector into female connector together.

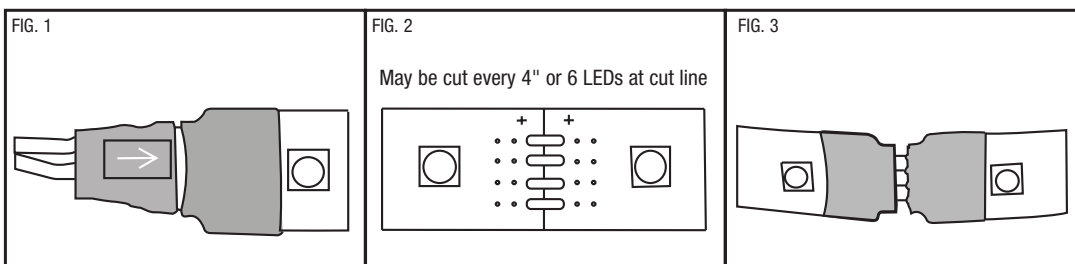
**Polarity:** Tape Light must always be connected facing upward and red arrow on connectors must always face up. (Fig. 1)

### **Cutting Instructions - See back side for joining instructions:**

1. The LED tape light may be cut every 4" or 6 LEDs. Every 4" section is separated by cut line. (Fig. 2)
2. Carefully cut the tape light along the line, be careful not to press on the LEDs as this could damage the joint.
3. When cutting the end of the tape light, shrink wrap the open cut with NATL-400.

### **Separable every 12":**

1. The LED tape light may be separated every 12". Every 12" section is shrink wrapped around the connection point. Cut the silicone to reveal the connection point. (Fig. 3)
2. Two separated tape light may be connected, but must be shrink wrapped (Page 2) to maintain cULus Listing.



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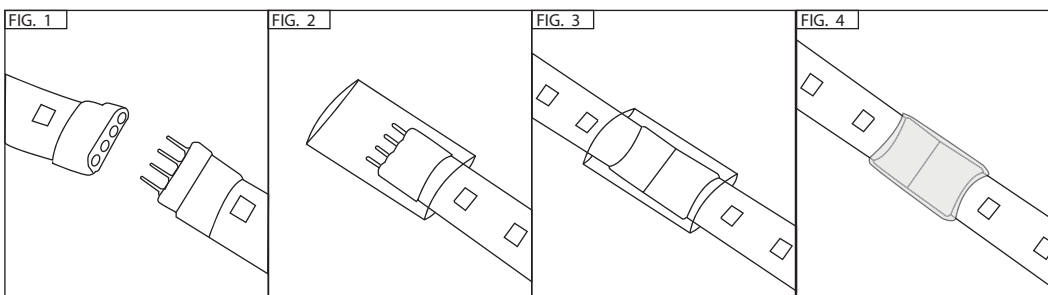
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### Shrink Wrap Installation Instructions to ensure ETL listing:

1. Have one male and one female end of the tape light.
2. Insert male end of the tape light into the pre-cut shrink wrap supplied by Nora Lighting.
3. Connect the male and female connections inside the shrink wrap. Adjust shrink wrap so both tape lights have sufficient shrink wrap covering black insulation.
4. Heat the shrink wrap (hair dryer, or flame at least 6" away from tape/shrink wrap) around entire connection to wrap the connection tightly and maintain cULus listing.



### List of driver's that can be used with NUTP8 Series:

- Meanwell Electronic Driver PLC-100-24
- Meanwell Electronic Driver PLC-60-24
- Meanwell Electronic Driver PLC-30-24
- Meanwell Electronic Driver ELN-60-24
- Meanwell Electronic Driver ELN-30-24
- Magnetic Driver NMT-48/24C2
- Magnetic Driver NMT-60/24C2
- Magnetic Driver NMT-96/24C2
- Magnetic Driver NMT-303/24C2
- GME Wall Plug Electronic Driver GFP451DA
- GME Wall Plug Electronic Driver GFP241DA
- Various Listed Driver