

# Installation Instructions

## NUTP51 / NUTP81 / NUTP71

### 24V Continuous LED Tape Light

**READ PRIOR TO ATTEMPTING INSTALLATION**  
**ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION**  
**INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN**

**⚠ WARNING** - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition to the National Electric Code and all applicable state and local building codes. The final installation must be approved by the appropriate qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

**⚠ AVERTISSEMENT** - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite en conformité avec l'édition actuelle du Code national de l'électricité et toutes étatiques et locales codes du bâtiment applicables. L'installation finale doit être approuvée par l'inspecteur en électricité / bâtiment qualifié approprié(s). Une mauvaise installation peut entraîner un incendie ou un risque électrique. Soyez sûr de la puissance électrique vers le circuit a été coupée avant l'installation de ce système électrique.

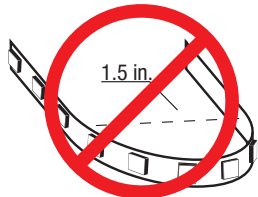
ITEM NUMBER	DESCRIPTION	MAXIMUM RUN DISTANCE
NUTP51	24V Hy-Brite Continuous Tape Light	25' continuous - not cut
NUTP81	24V High Output Continuous Tape Light	16' continuous - not cut
NUTP71	24V Standard Continuous Tape Light	64' continuous - not cut

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

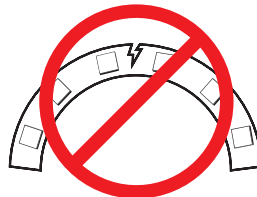
- Always turn off power prior to installation or replacement.
- Continuous Tape Light contacts are very fragile, handle with care.
- Do not turn on Tape Light while on the spool, may cause the tape light to overheat and melt or ignite.
- Do not press directly on the LEDs themselves, as it may cause damage.
- Do not use the product in a potentially combustive 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.
- Continuous Tape Series is cULus Listed for Damp Location.
- Use only with UL listed / UL recognized class 2 power unit.
- Secure the tape light using only the 3M™ tape, hangers, clips, or 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.
- Tape light's minimum wire size is 22AWG.

**⚠ WARNING!** **DO NOT CONNECT DIRECTLY TO HIGH VOLTAGE POWER!**  
 READ ALL WARNINGS AND INSTALLATION INSTRUCTIONS THOROUGHLY.

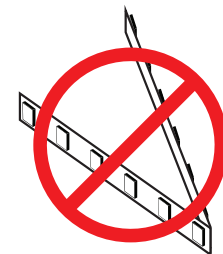
#### HANDLE LED TAPE LIGHT WITH CARE!



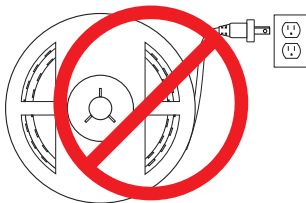
**DO NOT BEND LED STRIP LIGHT TO A DIAMETER LESS THAN 1.5 INCHES.**



**DO NOT BEND LED STRIP LIGHT ON A HORIZONTAL PLANE**



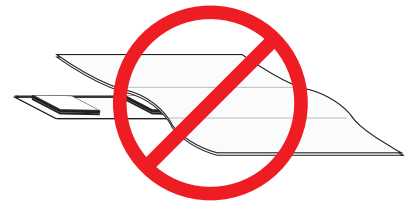
**DO NOT FOLD, CREASE, OR TWIST LED STRIP LIGHT.**



**DO NOT POWER STRIP LIGHT WHILE ATTACHED TO SPOOL OR TIGHTLY COILED.**



**DO NOT PUT EXCESSIVE PRESSURE ON SURFACE OF TAPE LIGHT (GLASS/ACRYLIC PLANES ETC.)**



**DO NOT COVER STRIP LIGHT WITH ANY MATERIALS.**

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#### 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.

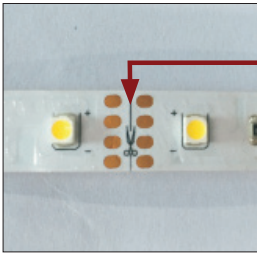
#### WIRING INSTRUCTIONS TO DRIVER

1. Only use with Class 2 24V power supply.
2. Driver may have a male plug and the LED Tape Light may have a female connector. Plug male connector into female connector together. Some drivers will require connecting + and - wire together.

**POLARITY:** Continuous Tape has + and - markings. These must be connected to + and - of the driver leads or another tape lead.

#### CUTTING INSTRUCTIONS

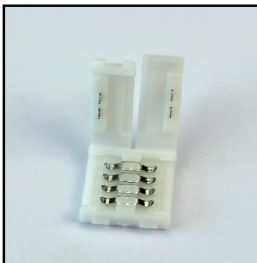
1. Continuous LED tape light may be cut every 4".
2. Carefully cut the tape light along the line, be careful not to press on the LEDs as this could damage the joint.



#### CONNECTING MULTIPLE SECTIONS

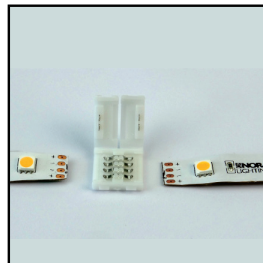
⚠ When sliding the ribbon into the flip connector, make sure to fully insert the ribbon under the side tabs and UNDER the metal contact. Make sure the polarity is correct.

##### Step 1



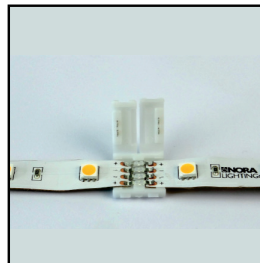
Open the snap cover.

##### Step 2



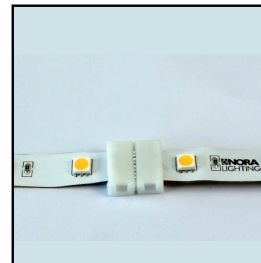
Take a ribbon and align it to the snap cover.

##### Step 3



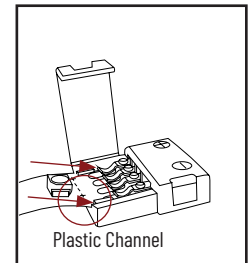
Assign polarities and slide the ribbon into the connector.

##### Step 4



Seat the ribbon in fully and close the snap cover.

##### NOTE:



Slide the tape INTO the plastic channels and UNDER the metal connectors.

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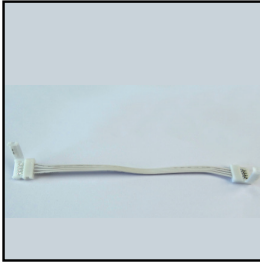
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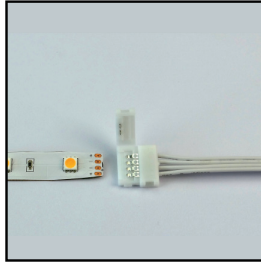
#### NATLCFC-200 & 600 SERIES INTERCONNECTORS

Step 1



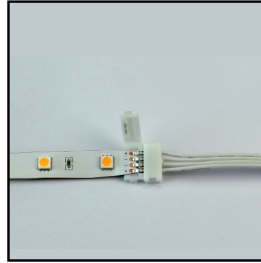
Open the snap cover.

Step 2



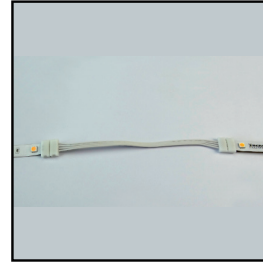
Take a ribbon and align it to the snap cover.

Step 3



Assign polarities and slide the ribbon into the connector.

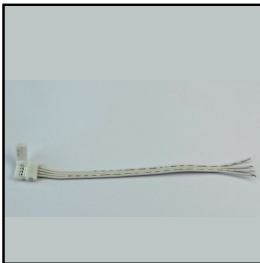
Step 4



Seat the ribbon in fully and close the snap cover.

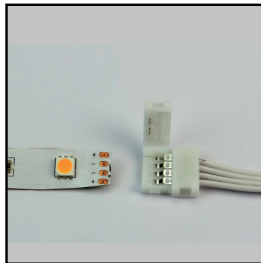
#### NATLCFC-208 & 608 SPLICE CONNECTORS

Step 1



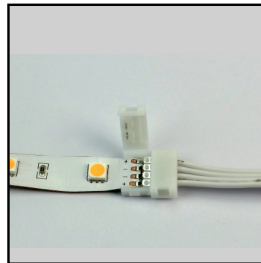
Open the snap cover.

Step 2



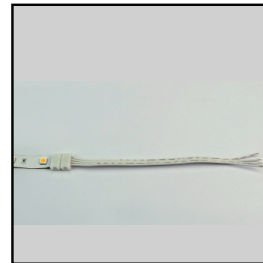
Take a ribbon and align it to the snap cover.

Step 3



Assign polarities and slide the ribbon into the connector.

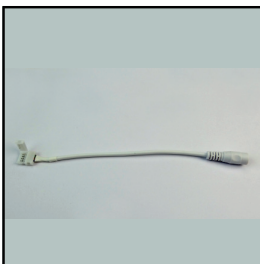
Step 4



Seat the ribbon in fully and close the snap cover.

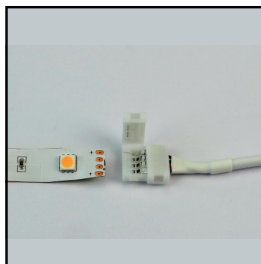
#### NATLCFC-209 & 609 PLUG CONNECTOR

Step 1



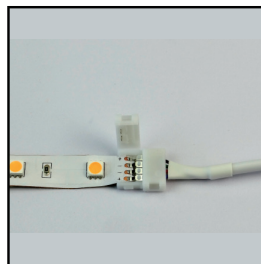
Open the snap cover.

Step 2



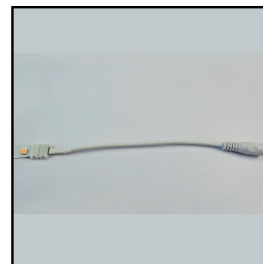
Take a ribbon and align it to the snap cover.

Step 3



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Step 4



Seat the ribbon in fully and close the snap cover.