

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

⚠ IMPORTANT - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical 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.

⚠ IMPORTANT - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite conformément à l'édition actuelle du Code national de l'électricité et à tous les codes de construction locaux et nationaux applicables. L'installation finale doit être approuvée par un ou plusieurs inspecteurs qualifiés en électricité / bâtiment. Une installation incorrecte peut entraîner un incendie ou un risque électrique. Assurez-vous que l'alimentation électrique du circuit a été déconnectée avant d'installer ce système électrique.

ITEM NUMBER	DESCRIPTION	MAXIMUM RUN DISTANCE
NUTP51	24V Hy-Brite Continuous Tape Light	32' continuous - not cut / 28' with connecting sections
NUTP81	24V High Output Continuous Tape Light	24' continuous - not cut / 20' with connecting sections
NUTP71	24V Standard Continuous Tape Light	64' continuous - not cut / 32' with connecting sections

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 combustible 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.
- 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. Only use with Class 2 24V power supply.
2. Driver may have a male plug and the LED Tape Light may have a the 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.

Installation Instructions

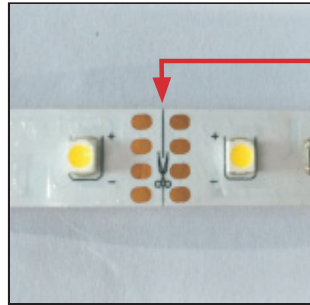
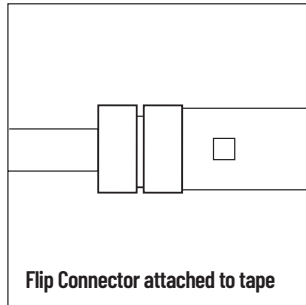
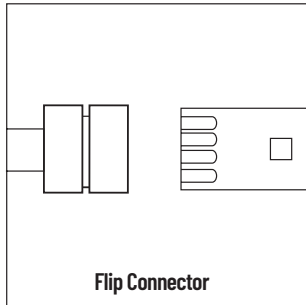
NUTP51 / NUTP81 / NUTP71

24V Continuous LED Tape Light

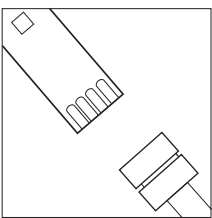
READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

CUTTING INSTRUCTIONS - SEE BACK SIDE FOR JOINING INSTRUCTIONS:

1. The 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.



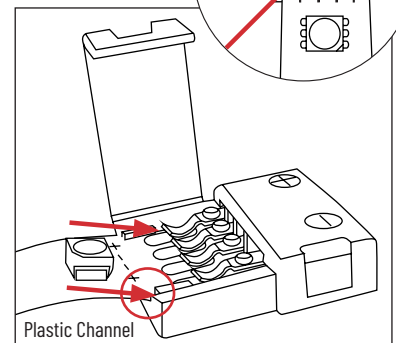
MAY BE CUT AT THE
CUT LINE.



EXTENSION CONNECTOR INSTALLATION INSTRUCTIONS TO ENSURE ETL OR CULUS LISTING:

1. Have one male and one female end of the tape light.
2. Insert male or female end of tape light into one end of the extension connector.
3. Snap the connector cover close on both end.

DO NOT PUT TAPE ABOVE
METAL CONNECTORS!



LIST OF DRIVER'S THAT CAN BE USED WITH CONTINUOUS 24V TAPE:

NON-DIMMABLE

- NATL-524W: 24W Plug-In
- NATL-545CPW: 45W Plug-In
- NATL-545W: 45W Plug-In
- NATL-596W: 96W Plug-In
- NATL-5030HW: 30W Hardwire
- NATL-5060HW: 60W Hardwire
- NATL-5100HW: 100W Hardwire

NON-DIMMABLE

- NATL-5096-24-HWD10: 96W 0-10V Hardwire
- NATLED-5040HW: 40W ELV Hardwire
- NATLED-5075HW: 75W ELV Hardwire
- NMTD-60/24D: 60W Magnetic Hardwire
- NMTD-96/24D: 96W Magnetic Hardwire
- NMT-303/24C2D1: 3x100W Magnetic Hardwire
- NMT-303/24C2D1: 3x100W Magnetic Hardwire
- NATL-SWEX60/24: 60W Dimmer & Switch
- NATL-SWEX100/24: 100W Dimmer & Switch



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



WARNING!

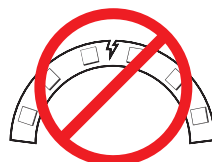
DO NOT CONNECT DIRECTLY TO HIGH VOLTAGE POWER!

READ ALL WARNINGS AND INSTALLATION INSTRUCTIONS THOROUGHLY.

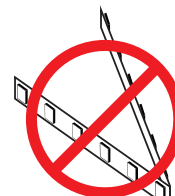
HANDLE LED TAPE LIGHT WITH CARE!



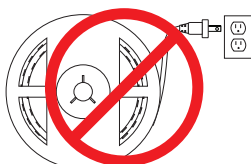
DO NOT BEND LED STRIP LIGHT
TO A DIAMETER LESS THAN 1.5 INCHES.



DO NOT BEND LED STRIP LIGHT
ON A HORIZONTAL PLANE



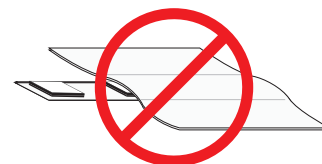
DO NOT FOLD, CREASE,
OR TWIST LED STRIP LIGHT.



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.

Installation Instructions

NUTP51 / NUTP81 / NUTP71

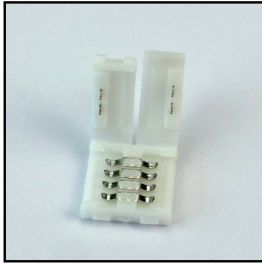
24V Continuous LED Tape Light

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



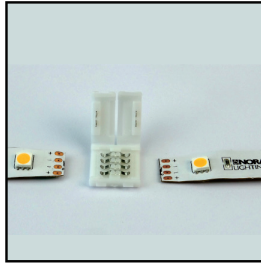
When sliding the ribbon into the flip connector, make sure to fully insert the ribbon under the side tabs and UNDER the metal contact. Make sure the polarity is correct.

Step 1



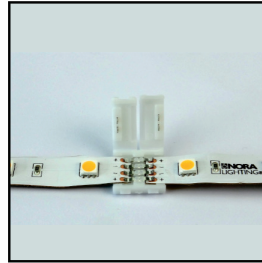
Open the snap cover.

Step 2



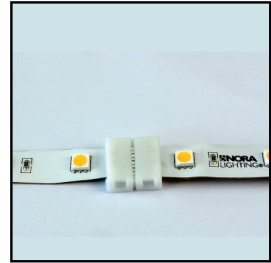
Take a ribbon and align it to the snap cover.

Step 3



Assign polarities and slide the ribbon into the connector.

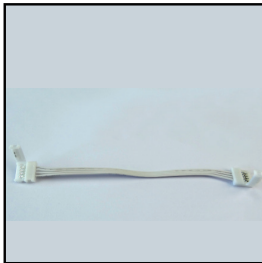
Step 4



Seat the ribbon in fully and close the snap cover.

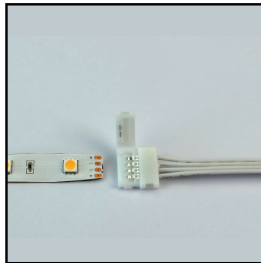
NATLCFC-200 & 600 SERIES INTERCONNECTORS

Step 1



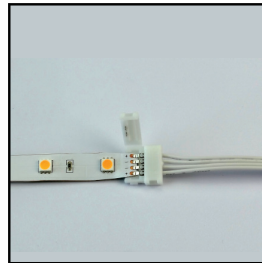
Open the snap cover.

Step 2



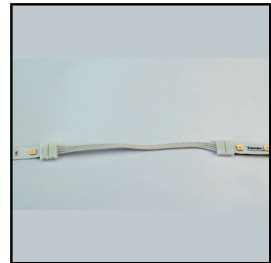
Take a ribbon and align it to the snap cover.

Step 3



Assign polarities and slide the ribbon into the connector.

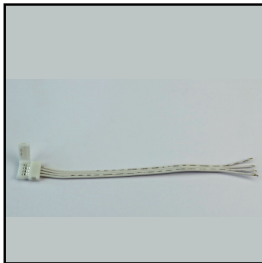
Step 4



Seat the ribbon in fully and close the snap cover.

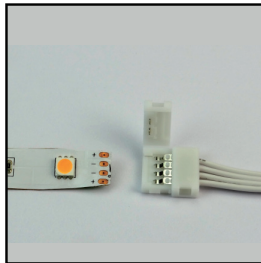
NATLCFC-208 & 608 SPLICE CONNECTORS

Step 1



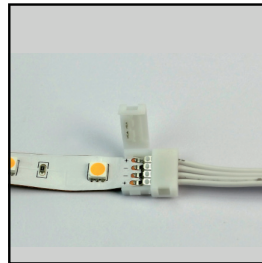
Open the snap cover.

Step 2



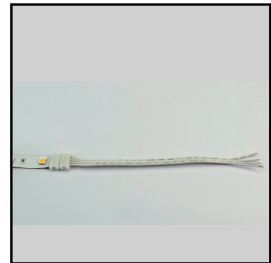
Take a ribbon and align it to the snap cover.

Step 3



Assign polarities and slide the ribbon into the connector.

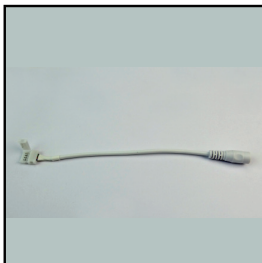
Step 4



Seat the ribbon in fully and close the snap cover.

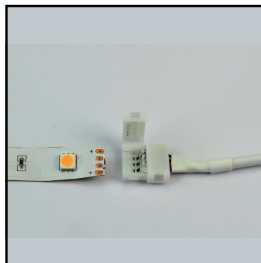
NATLCFC-209 & 609 PLUG CONNECTOR

Step 1



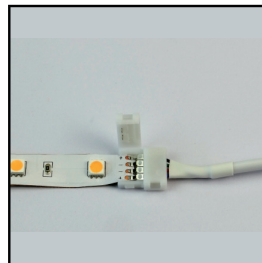
Open the snap cover.

Step 2



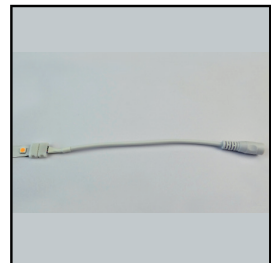
Take a ribbon and align it to the snap cover.

Step 3



Assign polarities and slide the ribbon into the connector.

Step 4



Seat the ribbon in fully and close the snap cover.