

Installation Instructions

NUTP14 Series

24V High Output COB 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.

⚠ CAUTION - THE MOUNTING MEANS PROVIDED WITH THIS LUMINAIRE HAS NOT BEEN EVALUATED FOR RELIABILITY. IF INSTALLED WHERE FAILURE OF THE MOUNTING MEANS COULD CAUSE INJURY TO PERSON OR DAMAGE TO PROPERTY BELOW SUPPLEMENTAL MEANS OF SECUREMENT SHOULD BE CONSIDERED.

- 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 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.
- Do not submerge the tape light in liquids, or install the product closer than 9.8' (3 meters) from a swimming pool surface.
- Wire leads and accessories are not rated for in-wall installation unless otherwise noted.

⚠ 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.

⚠ ATTENTION - LA FIABILITÉ DES MOYENS DE MONTAGE FOURNIS AVEC CE LUMINAIRE N'A PAS ÉTÉ ÉVALUÉE. S'IL EST INSTALLÉ LORSQUE LA DÉFAILLANCE DES MOYENS DE MONTAGE POURRAIT CAUSER DES BLESSURES À LA PERSONNE OU DES DOMMAGES AUX BIENS EN DESSOUS DES MOYENS D'ARRIMAGE SUPPLÉMENTAIRES DOIT ÊTRE ENVISAGÉ.

- Attached wire leads and connections are field-cutttable.
- Secure the tape light using only the 3M™ tape, mounting clips, or NATL2 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.
- 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.
- Use only with UL listed / UL recognized class 2 power unit.
- Tape light's minimum wire size is 22AWG min.
- 16.4' maximum run length

ITEM NO.	DESCRIPTION	RATING
NUTP14-COB24CV16	16.4' COB LED Tape Light Roll	24VDC / 4.5W/ft.
NUTP14-COB24CV100	100' COB LED Tape Light Roll	24VDC / 4.5W/ft.

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. Do not press on the COB themselves as this could result to damage.

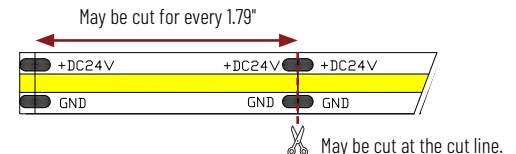
WIRING INSTRUCTIONS TO DRIVER:

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

CUTTING INSTRUCTIONS

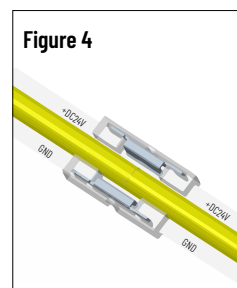
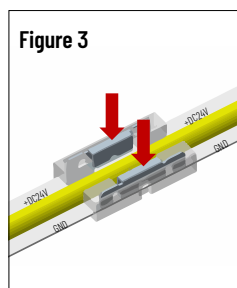
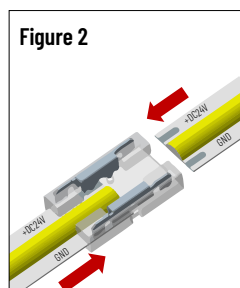
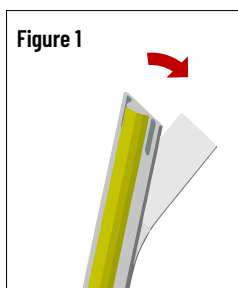
⚠ TURN OFF MAIN POWER BEFORE CUTTING TAPE LIGHT

1. The LED tape light may be cut every 1.79" (Figure 1)
2. Carefully cut the tape light along the line.



PCB TO PCB INSTRUCTIONS

1. Peel off the 3M adhesive on the back of the tape light. (Figure 1)
2. Insert the tape light in to the slot of the connector (Figure 2). **NOTE:** The positive and negative poles of the tape light in both directions should correspond.
3. Press down the connector terminals on each side to secure the tape light. (Figure 3)
4. Connection complete. (Figure 4)



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JUMPER CABLE INSTRUCTIONS

1. Peel off the 3M adhesive tape on the back of the tape light.
2. Insert the tape light in to the slot of the connector. (Figure 1)
NOTE: The positive and negative poles of the tape light in both directions should correspond.
3. Press down on the terminals on each side to secure the tape light. (Figure 2)
4. Connection complete.

Figure 1

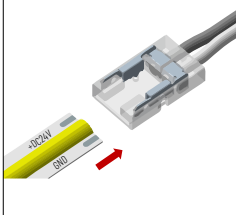


Figure 2

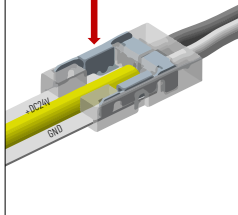
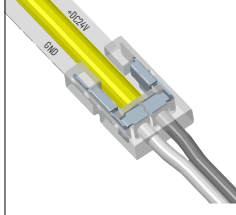


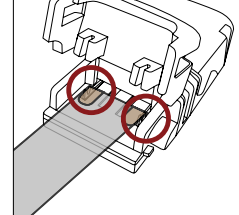
Figure 3



X, T, L CONNECTORS

1. Open the connector cover.
2. Peel off the 3M adhesive on the back of the tape light, place the tape light into the connector.
3. Make sure the tape light contacts are aligned to the pins. (Figure 1)
4. Close the connector cover

Figure 1



NATLCB-TB707

1. Cut the tape light and peel off the 3M adhesive tape on the back of the tape light. (Figure 1)
2. Loosen the screws of each terminal and insert the tape light into the slot the terminal. (Figure 2)
NOTE: The positive and negative tape light in both directions should correspond.
3. Secure the tape light by fastening the screws on the terminal. (Figure 3)
4. Connection complete.

Figure 1

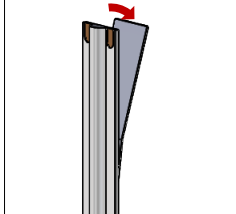


Figure 2

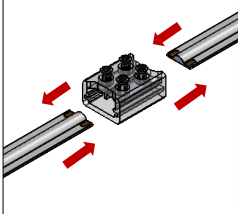


Figure 3

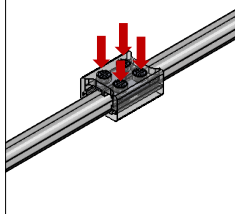
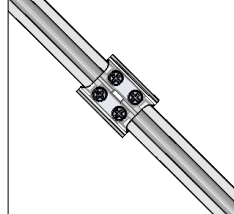


Figure 4



NATLCB-TB

1. Cut the tape light and peel off the 3M adhesive tape on the back of the tape light. (Figure 1)
2. Loosen the screws of each terminal on each sides, insert the tape light and desired wires on the other end. (Figure 2)
NOTE: The positive and negative terminals on each should correspond.
3. Fasten the screws of the terminals to secure the tape light. (Figure 3)
4. Connection complete.

Figure 1

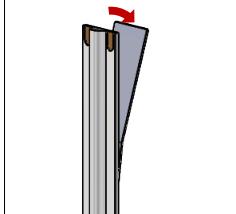


Figure 2

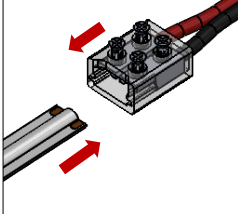


Figure 3

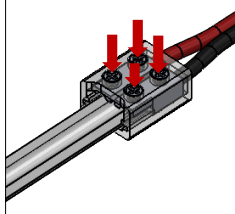
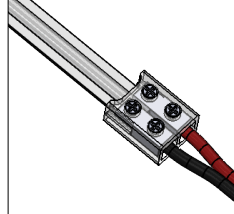


Figure 4



NOTE: NATLCB-TB can accommodate maximum of 16AWG wires.