

# NUTP6 Series

## 12V RGB Color Changing LED Tape Light

Source: 3.5W/ft. LED  
50lm/ft.

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

RGB LED Tape Light has the colors Red, Green, and Blue in every LED diode. Several colors of visual spectrum can be selected and programmed with a 120° viewing angle. A stationary color, automatic changing colors and brightness can be selected and changed at anytime with the press of a button. This flexible LED light source is a durable silicone encapsulated tape, cULus Listed for Damp Location applications.

### FEATURES

- Available in 16' roll, 12" section, and 6" section
- Separable every 12", easily disconnected and connected without soldering
- Field cuttable every 6" or 6 LEDs
- 120° Beam Angle
- Easy to install; pre-applied 3M™ tape or 15 acrylic mounting clips (included with roll)
- Primary Colors: Red, Green, and Blue
- cULus Listed for Damp Locations
- No soldering or additional wiring is required
- No flicker delay or warm up like compact fluorescent products
- No UV light or infrared wavelengths
- 3-Year Limited Warranty

### INCLUDED WITH EVERY 16' ROLL

(1) 16' Tape Light Roll with 12" separable sections, (15) Acrylic Mounting Clips with screws [NATHR-685], and (1) 12" Power Line Interconnector [NARGB-710W].

### SPECIFICATION

**Construction:** The tape can be cut every 6" at marked intervals. Cutting does not effect circuit (shrink wrap tube included for concealment). RGB Tape Light is also separable every 12", each connection has pre-installed shrink wrap around power connections to ensure listing. Simply slice the clear shrink wrap at each electrical connection, and separate pieces. This eliminates soldering when using partial rolls.

**Mounting:** Each Tape Light includes pre-applied 3M™ adhesive tape for simple installation. Optional channels and clear acrylic clips are available.

**Controller:** Each run requires a controller or DMX decoder, which can be linked together for color synchronization. The controller can be controlled locally or with an optional hand held remote. DMX decoder requires a DMX controller (by others).

**Dimming:** Dimming RGB tape light is controlled by RGB controller or DMX decoder. Dimmable drivers are only for powering tape light runs.

### ELECTRICAL

**Input Voltage:** 12V

**Lumens / Wattage:** 50lm / 3.5W per foot

**Color Temperature:** Color Changing RGB (up to 16 colors)

**Dimming:** Dimmable with RGB controller or DMX decoder

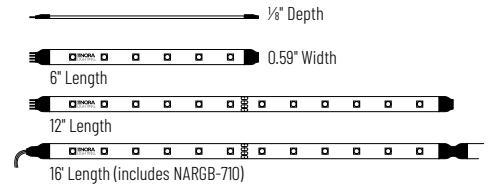
**Maximum Run Length:** 20'

### LABELS AND LISTINGS

- cULus Listed for Damp Locations
- 3-Year Limited Warranty



### PRODUCT IMAGES & DIMENSIONS



## 12V RGB Color Changing LED Tape Light

Length / Tape Light Finish

**NUTP6-16LEDRGB** = 16' Roll / Amber finish

**NUTP6-LEDRGB/12** = 12" Section / Amber finish

**NUTP6-LEDRGB/6** = 6" Section / Amber finish

Example: **NUTP6-16LEDRGB** = 16' 12V RGB Color Changing LED Tape Light Roll, Amber finish

# NUTP6 Series

## 12V RGB Color Changing LED Tape Light Accessories

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RGB 2.4G Full Color RF Controller and Hand Held Remote

**NARGB-860/G1**

12V/24V controller is required for each RGB LED Tape Light run. Installs between the driver and the power line interconnector. The controller can be used to toggle between colors or changing modes.



RGB Controller and Hand Held Remote (sold separately)

**NARGB-760** RGB Controller  
**NARGB-761** RGB Hand Held Remote

360W Max. A controller is required for each RGB LED Tape Light run. Installs between the driver and the power line interconnector. The controller can be used to toggle between colors or changing modes.



DMX Decoder for RGB Tape Light

**NATL-DMX-4C**

20A Max. A DMX decoder or RGB controller is required for each RGB LED Tape Light run. Installs between the driver and the power line interconnector. The decoder requires a DMX controller (by others) to operate.



Controller Power Line Connector

**NARGB-762W** 10' Cable  
**NARGB-763W** 30' Cable

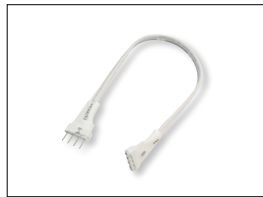
Replaces included 9-1/2" input wire, to allow for a longer length between RGB controller or DMX decoder and LED driver.



Power Line Interconnector

**NARGB-710W** 12" Cable

Connects a RGB Tape Light run to a RGB controller or DMX decoder. (1) Power line interconnector is included with every Tape Light roll. Use interconnection cables to increase length.



Interconnection Cables

**NARGB-702W** 2" Cable  
**NARGB-706W** 6" Cable  
**NARGB-718W** 18" Cable  
**NARGB-736W** 36" Cable  
**NARGB-772W** 72" Cable

Allows easy linking of two RGB Tape Lights sections. Cables are flexible and can be moved in any direction, or be joined together for custom lengths.



Splitter Cable

**NARGB-700W** Y Splitter  
**NARGB-701W** X Splitter

Allows splitting the RGB Tape light from a run or driver, into two or three separate runs.



Shrink Wrap Tube / End Cap

**NATL-400** Shrink Wrap Tube

Shrink wrap seals connection made in the field. Necessary to maintain cULus listing. Two shrink wrap tubes are included with every Tape Light roll and section.

**NATL-403** Black  
**NATL-403W** White

Covers open end of tape light



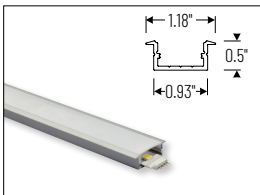
4' Channel / Clear Mounting Clips

**NATHR-680** 4' Channel / Aluminum

Aluminum channel is field cuttable.

**NATHR-685** Clips / Pack of 15

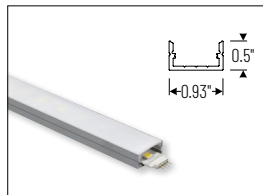
Mounts Tape Light to various surfaces. Pack of 15 clear acrylic mounting clips are included with every Tape Light roll.



4' Shallow Recessed Channel

**NATL-C23A** Aluminum

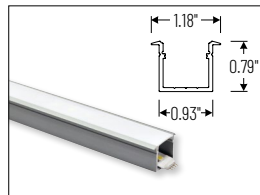
Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.



4' Shallow Channels

**NATL-C24A** Aluminum  
**NATL-C24B** Black  
**NATL-C24W** White

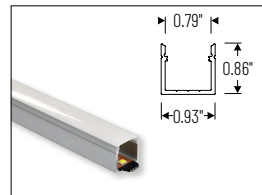
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



4' Deep Recessed Channel

**NATL-C25A** Aluminum

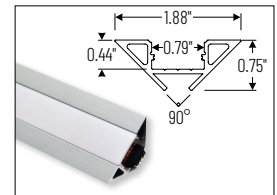
Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.



4' Deep Channels

**NATL-C26A** Aluminum  
**NATL-C26W** White

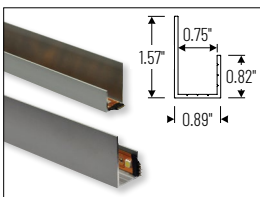
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



4' Corner Channels

**NATL-C28A** Aluminum  
**NATL-C28B** Black  
**NATL-C28W** White

Plastic diffuser and End caps included. Field cuttable



4' J-Style Channel

**NATL-C27A** Aluminum

Used to mount tape light to various surfaces. Field cuttable.

# NUTP6 Series

12V RGB Color Changing LED Tape Light Drivers & Accessories

Type

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Direct Plug-In LED Driver

**NAPK-524W/12** 12V 24W

**Input Voltage:** 120V  
**Cable Length:** 6 Feet



Direct Plug-In LED Driver

**NAPK-560W/12** 12V 60W

**Input Voltage:** 120V  
**Input Wire:** 4' Cord and Plug  
**Output Wire:** 4' Power line connector



Class II Hardwire LED Driver

**NATL-5060-12-HWD10** 12V 60W

**Input Voltage:** 120-277V  
**Dimming:** N/A for RGB tape  
**Includes:** 10' Power Line Connector



Class II Hardwire LED Driver

**NAPKED-5040HW** 12V 35W  
**NAPKED-5060HW** 12V 60W

**Input Voltage:** 120V  
**Dimming:** N/A for RGB tape  
**Includes:** 10' Power Line Connector



Class II Hardwire LED Driver with Breakers

**NMT-244/12C2D1** 120V/12V  
**NMT-244/12C2D1** 277V/12V

**Input Voltage:** 120V or 277V  
**Dimming:** N/A for RGB tape  
**Breakers:** (4) 60W  
**NOTE:** Power Line Connector(s) not included



Class II Hardwire LED Driver with Regulator

**NMTD-40/12D** 12V 40W  
**NMTD-60/12D** 12V 60W

**Input Voltage:** 120-277V  
**Dimming:** N/A for RGB tape  
**Regulator:** Integral regulator for constant current and voltage  
**Includes:** 10' Power Line Connector



Power Line Connector

**NATL-10** 10' Cable  
**NATL-30** 30' Cable

For use with Class II drivers. Carries output from driver, requires power line interconnectors.



5' Power Line Splitter

**NATL-302W**

Splits power line connector into two separate leads, requires power line cable.



2' Wire Raceway

**NATL-422B** Black  
**NATL-422W** White

Field-cuttable plastic. Includes wire channel with double faced tape and cover.



Low Voltage Splice Box

**NATL-415W**

Use to join low voltage lead to power line connector.



Terminal Block

**NATL-407** 4-Way  
2-3/8"L x 1-1/8"W x 3/8"D  
**NATL-408** 8-Way  
4"L x 1-1/8"W x 3/8"D



Wire Clip, Plastic - 10pk

**NATL-404W** J-Clip  
**NATL-405W** Over the Wire  
**NATL-406W** Square Clip