

# NUTP11 Series

## 24V RGBW Color Changing LED Tape Light

Source: 8.85W/ft. LED  
400lm/ft.

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

RGBW tape light has alternating LED diodes that are RGB and White. It is effectively two types of LED tape light in one. Users can create any color in the rainbow using the RGB function or have a single clean and crisp white light. Both color settings are programmable and have adjustable brightness and action features that are controlled with the press of a button. This flexible LED light source is a durable and cULus listed for damp applications.

### FEATURES

- Available in 10' 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, Blue, and White (3000K)
- cULus listed for damp location
- No soldering or additional wiring is required
- No flicker delay or warm up like compact fluorescent products
- No UV light or infrared wavelengths
- White LED Lumen output - 160lm/ft
- 3-Year Limited Warranty

### INCLUDED WITH EVERY 10' ROLL

(1) 10' Tape Light Roll with 12" separable sections, (15) Acrylic Mounting Clips with screws [NATHR-685], and (1) 12" Power Line Interconnector [NARGWB-910W].

### SPECIFICATION

**Construction:** The tape can be cut every 6" or 6 LEDs at marked intervals. Cutting does not effect circuit (shrink wrap tube included for concealment). RGBW 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 RGBW tape light is controlled by RGBW controller and hand held remote or DMX decoder and DMX controller. Dimmable drivers are only for powering tape light runs.

### ELECTRICAL

**Input Voltage:** 24V

**Light Source:** 12 Dual LEDs per foot

**Lumens:** 400lm (all on)

**Wattage:**

All On: 8.85W/ft.

Red: 1.2W/ft.

Green: 1.2W/ft.

Blue: 1.2W/ft.

White: 5.25W/ft.

**Color Temperature:** Color Changing RGB with dedicated 3000K LED

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

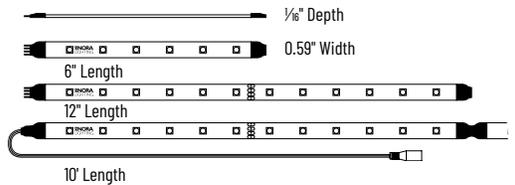
**Maximum Run Length:** 10'

### LABELS AND LISTINGS

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



### PRODUCT IMAGES & DIMENSIONS



## 24V RGBW Color Changing LED Tape Light

Catalog No. / Length

NUTP11-W10RGBW = 10' Roll

NUTP11-WRGBW/12 = 12" Section

NUTP11-WRGBW/6 = 6" Section

Example: NUTP11-W10RGBW = 10' 24V RGBW Color Changing LED Tape Light Roll

# NUTP11 Series

## 24V RGBW Color Changing LED Tape Light Accessories

Type

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RGBW RF Controller

**NARGBW-975**

12-24VDC 15A max. A controller is required for each RGBW 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.



RGBW Hand Held Remote

**NARGBW-977**

Used to program RGBW tape light to certain color configurations. Can be used up to control up to four NARGBW-975 controllers

**Key Selections:** Brightness, Colors, Color Changing - Flash, Strobe, Fade and Smooth Fade, On/Off



DMX Decoder for RGBW Tape Light

**NATL-DMX-4C/RGBW**

20A Max. A DMX decoder or RGBW controller is required for each RGBW 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

**NARGBW-962W** 10' Cable  
**NARGBW-963W** 30' Cable

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



Power Line Interconnector

**NARGBW-910W** 12" Cable

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



Interconnection Cables

**NARGBW-902W** 2" Cable  
**NARGBW-906W** 6" Cable  
**NARGBW-918W** 18" Cable  
**NARGBW-936W** 36" Cable  
**NARGBW-972W** 72" Cable

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



Splitter Cable

**NARGBW-900W** Y Splitter  
**NARGBW-901W** X Splitter

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



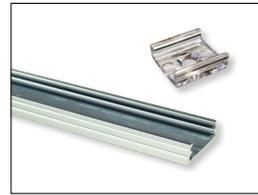
Shrink Wrap Tube / End Cap

**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



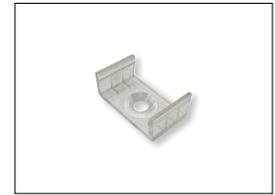
4' Channel / Clear Mounting Clips

**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.

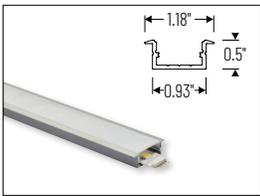


Mounting Clips for Channels

**NATL-CMC** Pack of 15

Mounting clips for NATL-C23, NATL-C24 and NATL-C27.

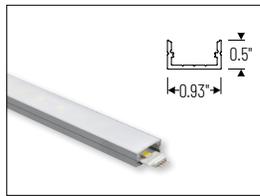
Pack includes 15 mounting clips.



4' Shallow Recessed Channel

**NATL-C23A** Aluminum

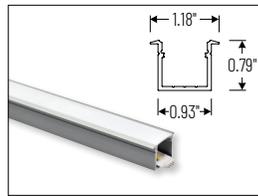
Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.



4' Shallow Channels

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

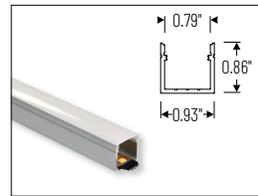
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



4' Deep Recessed Channel

**NATL-C25A** Aluminum

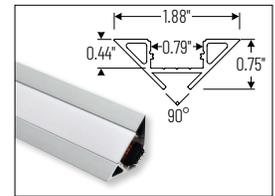
Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.



4' Deep Channels

**NATL-C26A** Aluminum  
**NATL-C26B** Black  
**NATL-C26W** White

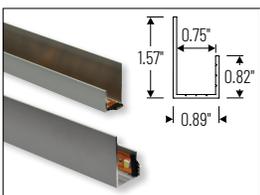
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



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.

# NUTP11 Series

## 24V RGBW Color Changing LED Tape Light Drivers & Accessories

Type

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Notes



Direct Plug-In LED Driver

**NATL-524W** 24V 24W  
**NATL-545W** 24V 45W

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



Direct Plug-In LED Driver

**NATL-596W** 24V 96W

**Input Voltage:** 120V  
**Input Wire:** 5' Cord and Plug  
**Output Wire:** 44" Power line connector



Class II Hardwire LED Driver

**NATL-5030HW** 24V 30W  
**NATL-5100HW** 24V 81.6W

**Input Voltage:** 120-240V  
**Dimming:** Non-Dimmable  
**Includes:** 10' Power Line Connector



Class II Hardwire LED Driver

**NATL-5096-24-HWD10** 24V 81.6W

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



Class II Hardwire LED Driver

**NATLED-5040HW** 24V 40W  
**NATLED-5075HW** 24V 75W

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



Class II Hardwire LED Driver with Breakers

**NMT-303/24C2D1** 120V/24V  
**NMT-303/24C2D2** 277V/24V

**Input Voltage:** 120V or 277V  
**Dimming:** N/A for RGBW tape  
**Breakers:** (3) 100W  
**NOTE:** Power Line Connector(s) not included



Class II Hardwire LED Driver with Regulator

**NMTD-60/24D** 24V 60W  
**NMTD-96/24D** 24V 96W

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



Power Line Connector

**NALTL-10** 10' Cable  
**NALTL-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-422** B or W

Field-cutttable plastic. Includes wire channel with double faced tape and cover. Available in Black or White.



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 7/8"D  
**NATL-408** 8-Way  
4"L x 1-1/8"W x 7/8"D



Wire Clip, Plastic - 10pk

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