

NUTP3 Series  
24V RGB Color Changing LED Tape Light  
Source: 2.5W/ft. LED

|             |
|-------------|
| 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 Location
- 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). Spectrum Wall Slide Control can be used in place of controller or decoder.

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

ELECTRICAL

**Input Voltage:** 24V

**Wattage:** 2.5W per foot

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

**Dimming:** Dimmable with RGB controller, DMX decoder or Spectrum Wall Slide Control

**Maximum Run Length:** 40'

LABELS AND LISTINGS

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



PRODUCT IMAGES & DIMENSIONS



24V RGB Color Changing LED Tape Light

Length / Tape Light Finish

- NUTP3-W16LEDRGB = 16' Roll / White finish
- NUTP3-W12LEDRGB/12 = 12" Section / White finish
- NUTP3-W6LEDRGB/6 = 6" Section / White finish

Example: NUTP3-W16LEDRGB = 16' 24V RGB Color Changing LED Tape Light Roll, White finish

## NUTP3 Series

### 24V RGB Color Changing LED Tape Light Accessories

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Notes



RGB 2.4G Full Color RF Controller and Hand Held Remote

#### NARGB-860/61

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.



Spectrum Wall Slide Control (Controller + Dimmer in One)

#### NARGB-875W

Dual slide controller and dimmer. One slider controls LED color and other slider controls brightness with a positive off. Installs in wall switch between driver and power line interconnector (NARGB-710W).



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



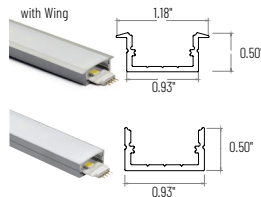
4' Channel / Clear Mounting Clips

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

Aluminum channel is field cuttable.

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

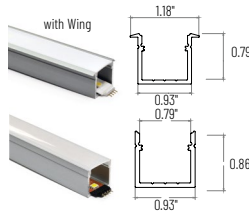
Mounts Tape Light to various surfaces. Pack of 15 clear acrylic mounting clips are included with every Tape Light roll.



4' Shallow Channels

#### NATL-C23A Aluminum w/Wing NATL-C24A Aluminum NATL-C24B Black NATL-C24W White

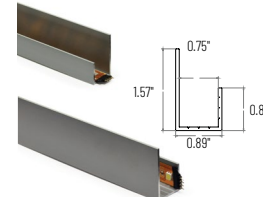
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



4' Deep Channels

#### NATL-C25A Aluminum w/Wing NATL-C26A Aluminum NATL-C26B Black NATL-C26W White

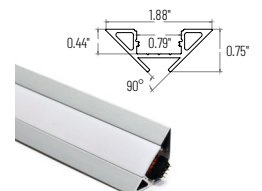
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



4' J-Style Channels

#### NATL-C27A Aluminum

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



4' Corner Channels

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

Plastic diffuser and End caps included. Field cuttable

## NUTP3 Series

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

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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 RGB tape  
**Includes:** 10' Power Line Connector



Class II Hardwire LED Driver with Breakers

**NMT-303/24C2D1** 3 x 100W

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



Class II Hardwire LED Driver

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

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



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

Field-cutable 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/Splitter 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



16AWG In-Wall Rated Wire

**NATL-W16-2-250** 16AWG 250'  
**NATL-W16-2-20** 16AWG 20'

16 AWG low voltage Class II two-conductor, in-wall rated wire.



Wire Clip, Plastic - 10pk

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