

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 locations
- 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 [NARGBW-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

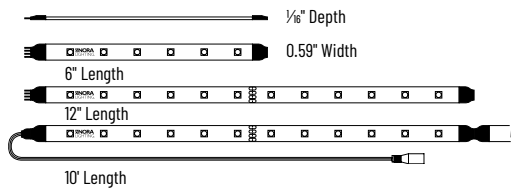
Maximum Run Length: 10'

LABELS AND LISTINGS

- cULus Listed for Damp Locations
- 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

Project

Catalog No.

Notes



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

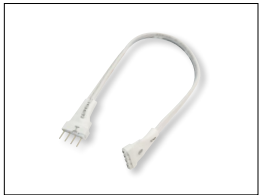
Replaces included 9-1/2" input wire, to allow for a longer length between RGBW controller or DMX decoder and LED driver.



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.



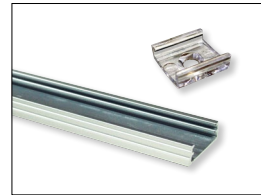
Shrink Wrap Tube / End Cap

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



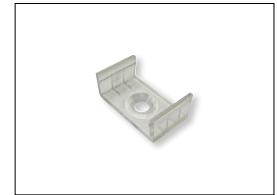
4 Channel / Clear Mounting Clips

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.

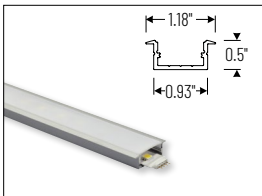


Mounting Clips for Channels

NATL-CMC Pack of 15

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

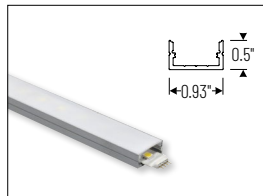
Pack includes 15 mounting clips.



4' Shallow Recessed Channel

NATL-C23A Aluminum

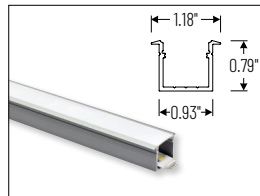
Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.



4' Shallow Channels

NATL-C24A Aluminum
NARGBW-918W Black
NATL-C24W White

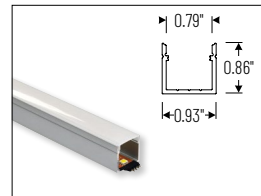
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



4' Deep Recessed Channel

NATL-C25A Aluminum

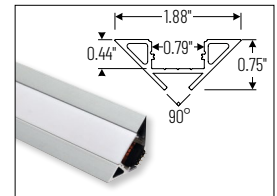
Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.



4' Deep Channels

NATL-C26A Aluminum
NATL-C26W White

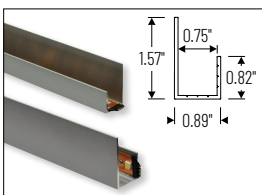
Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.



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.

NUTP11 Series

24V RGBW Color Changing LED Tape Light Drivers & Accessories

Type

Project

Catalog No.

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