

NUTP11 Series

24V RGBW Color Changing LED Tape Light

Source: 3.12W/ft. LED
350lm/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 [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 / Wattage: 350lm / 3.12W per foot

Color Temperature: Color Changing RGB with dedicated 3000K LED

Dimming: Dimmable with RGBW controller or DMX decoder

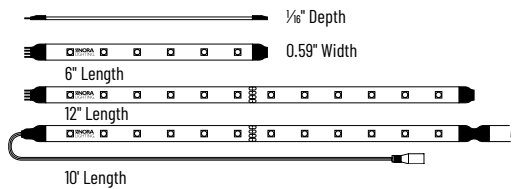
Maximum Run Length: 10'

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

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RGBW RF Controller
NARGW-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
NARGW-977

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



RGBW Touch Pad Wall Controller
NARGW-869

24V 16A max. Includes mounting back box. Requires driver. Local control of RGBW, select static colors, 4 changing modes, 3000K LED on/off, ALL LEDs on/off with memory and dimming.



Controller Power Line Connector
NARGW-962W 10' Cable
NARGW-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
NARGW-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
NARGW-902W 2" Cable
NARGW-906W 6" Cable
NARGW-918W 18" Cable
NARGW-936W 36" Cable
NARGW-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
NARGW-900W Y Splitter
NARGW-901W X Splitter

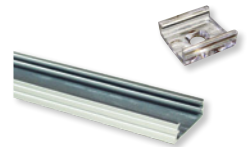
Allows splitting the RGBW Tape light from a run or driver, into two or three separate runs.



Shrink Wrap Tube / End Cap
NATL-400 Shrink Wrap Tube
NATL-403 Black
NATL-403W White

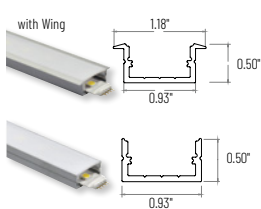
Shrink wrap seals connection made in the field. Necessary to maintain cULus listing. Two shrink wrap tubes are included with every Tape Light roll and section.

Covers open end of tape light



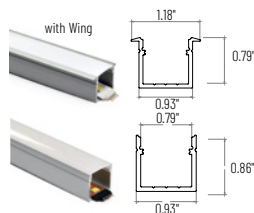
4' Channel / Clear Mounting Clips
NATHR-680 4' Channel / Aluminum
NATHR-685 Clips / Pack of 15

Aluminum channel is field cuttable. Mounts Tape Light to various surfaces. Pack of 15 clear acrylic mounting clips are included with every Tape Light roll.



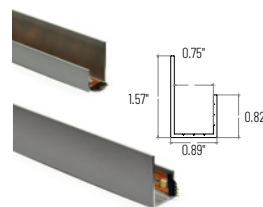
4' Shallow Channels
NATL-C23A Aluminum w/Wing
NATL-C24A Aluminum
NATL-C24B Black
NATL-C24W White

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



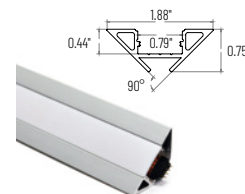
4' Deep Channels
NATL-C25A Aluminum w/Wing
NATL-C26A Aluminum
NATL-C26B Black
NATL-C26W White

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



Mounting Clips for Channels
NATL-CMC Pack of 15

Mounting clips for NATL-C23, NATL-C24 and NATL-CC27. Pack includes 15 mounting clips.

NUTP11 Series

24V RGBW Color Changing LED Tape Light Drivers & Accessories

Type

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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-5060HW 24V 60W
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 96W

Input Voltage: 120-277V
Dimming: N/A for RGBW 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 RGBW tape
Includes: (3) 10' Power Line Connectors



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 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

NALT-10 10' Cable
NALT-30 30' Cable

For use with Class II drivers. Carries power 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-cuttable 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/Splicer 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