NUTP3 Series
24V RGB Color Changing LED Tape Light
Source: 2.5W/ft. LED
100lm/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 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).

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: 24V
Lumens / Wattage: 100lm / 2.5W per foot
Color Temperature: Color Changing RGB (up to 16 colors)
Dimming: Dimmable with RGB controller or DMX decoder
Maximum Run Length: 35'

LABELS AND LISTINGS

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

PRODUCT IMAGES & DIMENSIONS

⅛" Depth

0.59" Width
6" Length

12" Length

16' Length (includes NARGB-710)

24V RGB Color Changing LED Tape Light

Length / Tape Light Finish

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

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

122823P1

NUTP3 Series
24V RGB Color Changing LED Tape Light Accessories

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.
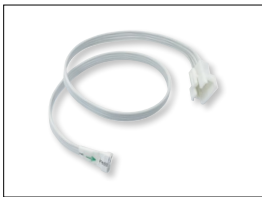

DMX Decoder for RGB Tape Light

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.

Controller Power Line Connector

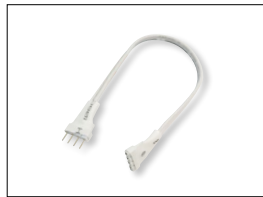**NARGB-762W**   10' Cable
NARGB-763W   30' Cable

Replaces included 9-½" 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
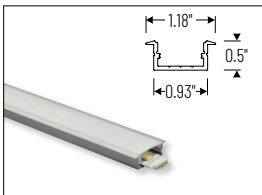**NATL-403W**   White

Covers open end of tape light

4' Channel / Clear Mounting Clips

NATHR-680   4' Channel / Aluminum

Aluminum channel is field cuttable.
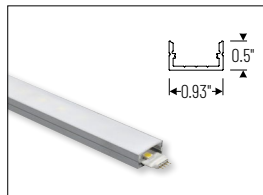
NATHR-685   Clips / Pack of 15

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

4' Shallow Recessed Channel

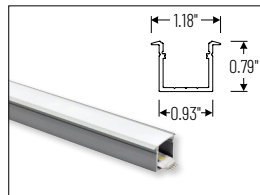**NATL-C23A**   Aluminum

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

4' Shallow Channels

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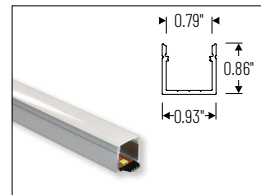**NATL-C24B**   Black
NATL-C24W   White

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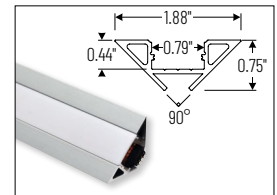

4' Deep Recessed Channel

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

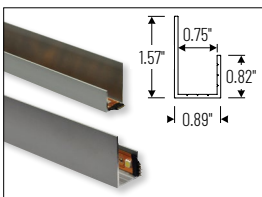Used to mount tape light to various surfaces. Plastic diffuser and end caps included. Field cuttable.

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.

NUTP3 Series
24V RGB Color Changing LED Tape Light Drivers & Accessories

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-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

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 Breakers

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

Input Voltage: 120V or 277V
Dimming: N/A for RGB 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 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-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 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