

Type _____
 Project _____
 Catalog No. _____
 Lamp/Wattage _____

NUTP3 Series 24V RGB LED Tape Light (Color Changing)

Source: 2.5 Watts Per Foot

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, cETLus Listed for Wet Location applications and IP65 rated.

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
- ETL Listed for Wet Location and IP65 rated
- 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

CONSTRUCTION

The silicone encapsulated tape can be cut every 6 LEDs 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 wet location listing. Simply slice the clear shrink wrap at each electrical connection, and separate pieces. This eliminates soldering when using partial rolls. Each roll comes with 12" power line connector NARGB-710.

MOUNTING

Each Tape Light roll comes with 15 clear acrylic clips and also comes with pre-applied 3M™ adhesive tape for simple installation. An optional aluminum channel is available.

ELECTRICAL

Power: 24 Volt DC Input / 2.5 Watts Per Foot / 40 Watts Per Roll

Light Source: 12 RGB LEDs Per Foot / 192 LEDs Per Roll

Operating Temperature: -25°C ~ 60°C (-13°F ~ 140°F)

Life Expectancy: 50,000 Hours

Maximum Run Length: 40' (w/ NATL-5100)

CONTROLLER

Each run requires a controller, which can be linked together for color synchronization. The controller can be controlled locally or with an optional hand held remote.

LABELS AND LISTINGS

cETLus Listed for Wet Location¹ (not submersible)

IP65 Rated

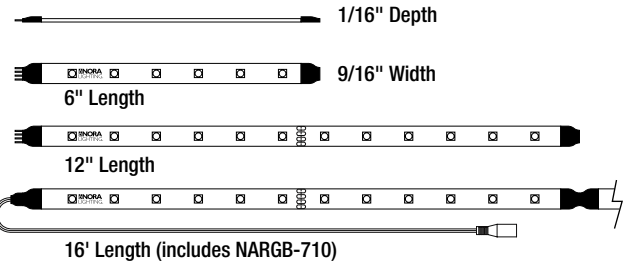
California Energy Commission

3 Year Limited Warranty



¹ To maintain wet location when connecting 2 sections; add clear shrink wrap over mating pieces and shrink wrap per instructions. (2) Shrink wrap tubes are included with each roll and section.

DIMENSIONS



RGB CONTROLLER (REQUIRED)

NARGB-760: 24VDC / 360W RGB Controller

NARGB-761: Hand Held Remote for RGB Controller

HARDWIRE DRIVERS

NATL-530HW: 24VDC / 30W Class II Hardwired LED Driver

NATL-560HW: 24VDC / 60W Class II Hardwired LED Driver

NATL-5100: 24VDC / 100W Class II Plug-In LED Driver (hardwireable)

PLUG-IN DRIVERS

NATL-524: 24VDC / 24W Direct Plug-In LED Driver

NATL-545: 24VDC / 45W Direct Plug-In LED Driver

NATL-5100: 24VDC / 100W Class II Plug-In LED Driver

DRIVER ACCESSORIES

NRA-125/6: 6" Extension Cord for NATL-530HW & NATL-560HW

NRA-125/12: 12" Extension Cord for NATL-530HW & NATL-560HW

NRA-125/18: 18" Extension Cord for NATL-530HW & NATL-560HW

NRA-125/72: 72" Extension Cord for NATL-530HW & NATL-560HW

NRA-6035W/6: 6' Cord and Plug for NATL-530HW & NATL-560HW

NRA-6035W/10: 10' Cord and Plug for NATL-530HW & NATL-560HW

NUSP-JBox: Junction Box required for hardwiring NATL-530HW, NATL-560HW, NATL-5100

RGB TAPE LIGHT ACCESSORIES

NATL-400: Shrink Wrap Tube (Pack of 5)

NATL-403: End Cap

NARGB-700: "Y" Splitter Cable

NARGB-701: "X" Splitter Cable

NARGB-7xx: Interconnection Cable (available in 2", 6", 18", 36", 72")

NARGB-710: 12" Power Line Interconnector

NATHR-680: 4' Aluminum Channel

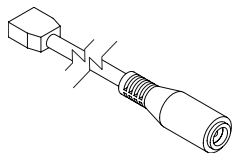
NATHR-685: Clear Acrylic Mounting Clips (Pack of 15)

Create a complete fixture / driver catalog number: Example: NUTP3-16LEDRGB / NARGB-760 / NATL-545

RGB Tape Light - select one	LED Drivers		Driver Accessories		Optional Accessories																																																
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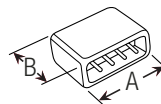
24V RGB TAPE LIGHT ACCESSORIES

NARGB-710 - 12" Power Line Interconnector



The 12" power line interconnector cable connects a Tape Light run to a Driver.
NARGB-710 is included with every Tape Light roll (16').

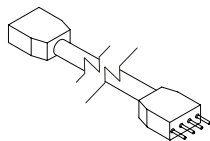
NATL-403 - End Cap



A: Width: 1/2"
B: Length: 3/8"

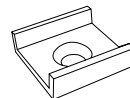
Used to cover open end of Tape Light.

- NARGB-702** - 2" Interconnection Cable
- NARGB-706** - 6" Interconnection Cable
- NARGB-718** - 18" Interconnection Cable
- NARGB-736** - 36" Interconnection Cable
- NARGB-772** - 72" Interconnection Cable



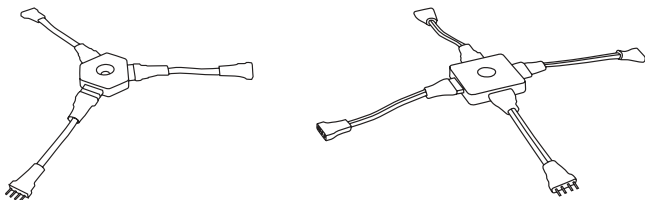
The interconnection cables allow for the linking of any two Tape Lights in any direction or extension of power line interconnectors. The arrow on the interconnection cable must always be facing upward to maintain polarity. Interconnection cables may be joined together for custom lengths.

NATHR-685 - Mounting Clips (Pack of 15)



Used to mount tape light to surface, includes mounting screws.
Pack of 15 are included with every Tape Light roll (16')

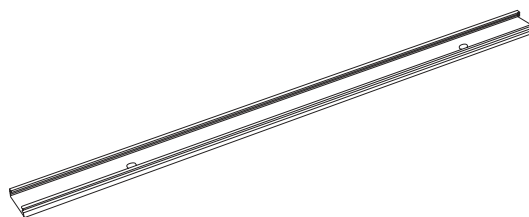
- NARGB-700** - "Y" Splitter Cable
- NARGB-701** - "X" Splitter Cable



Cable Lengths: 3"

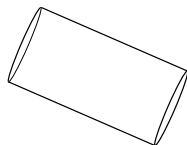
Splits connection from one Tape Light or Driver into two or three separate Tape Lights.

NATHR-680 - 4' Aluminum Channel



Used to mount tape light to various surfaces. Tape Light snaps into the channel.
Field Cuttable. Recommended for most installations.

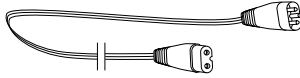
NATL-400 - Shrink Wrap Tube (Pack of 5)



Used to seal connections made in the field. Necessary to maintain ETL Wet Listing.
Pack of 2 are included with every Tape Light roll and section.

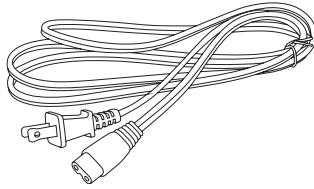
24V RGB TAPE LIGHT LED DRIVER ACCESSORIES

NRA-125/6 - 6" Flexible Connector
NRA-125/12 - 12" Flexible Connector
NRA-125/18 - 18" Flexible Connector
NRA-125/72 - 72" Flexible Connector



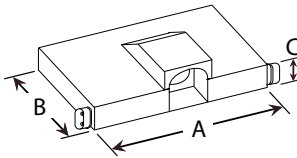
Used to extend length between NUSP-JBox and NATL-530HW & NATL-560HW.
Can be joined together to create custom lengths.

NRA-6035W/6 - 6' Flexible Power Cord
NRA-6035W/10 - 10' Flexible Power Cord



Used to convert NATL-530HW & NATL-560HW into a direct plug-in driver.

NUSP-JBox - Junction Box for Hardwired LED Drivers

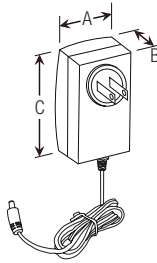


A: Width: 4-1/2"
B: Length: 2-3/4"
C: Height: 1-1/2"

To be used with NATL-530HW, NATL-560HW, or NATL-5100 Drivers.
Capable of feeding two separate LED Drivers. Accepts Romex® or flex.
Includes (1) male to male connector and (1) male to female connector. UL Listed.

24V RGB TAPE LIGHT CONTROLLER & LED DRIVERS

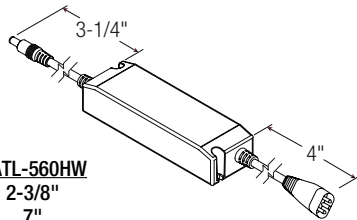
NATL-524 - 24W Direct Plug-In Driver
NATL-545 - 45W Direct Plug-In Driver



A: Driver Width: 1-3/4"
 B: Driver Length: 1-1/2"
 C: Driver Height: 3-3/4"

Direct Plug-In Driver allows direct connection to the LED Tape Light.
 Includes a 6' Power Line Connector Cable.

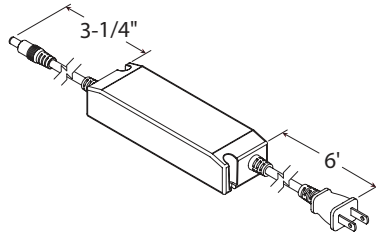
NATL-530HW - 30W Class II Hardwired LED Driver
NATL-560HW - 60W Class II Hardwired LED Driver



	NATL-530HW	NATL-560HW
A: Driver Width:	1-3/4"	2-3/8"
B: Driver Length:	5-5/8"	7"
C: Driver Height:	1-1/4"	1-3/8"

Hardwired LED Driver allows for driver to be hardwired with NUSP-JBox (required).
 The power line connector is 3-1/4" long and the input wire is 4" long.
 Can be converted into plug-in driver with NRA-6035W/6 or NRA-6035W/10.

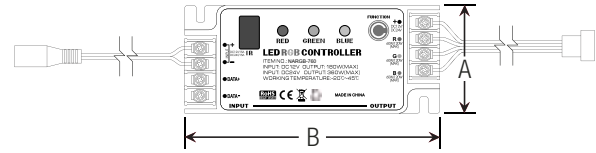
NATL-5100 - 100W Class II Plug-In LED Driver



A: Driver Width: 2-5/8"
 B: Driver Length: 7-7/8"
 C: Driver Height: 1-3/8"

Cord and Plug can be cut to be hardwired with NUSP-JBox.
 The power line interconnector is 3-1/4" long and the cord and plug is 6'.

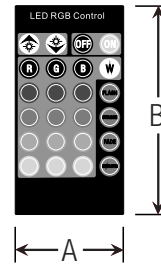
NARGB-760 - RGB Controller



A: Width: 2"
 B: Length: 4-3/4"
 C: Height: 1"

RGB Controller is needed for each tape light run.
 RGB Controllers can be synchronized to change simultaneously.
 Capable of creating several colors or automated changing of visual spectrum.
 Can be controlled locally or with Hand Held remote (NARGB-761).

NARGB-761 - Hand Held Remote Control



A: Width: 1-7/8"
 B: Length: 3-1/2"
 C: Height: 1/4"

For remote control of RGB Controller up to 22' away (must be in direct view of controller)
 Used to program RGB Tape Light run to certain color configurations.