

NUTP1-16LED 24V 16' Standard LED Tape Light Roll

Source: 24W LEDs

PRODUCT DESCRIPTION

LED Tape Light is a perfect solution for your LED linear lighting needs. This energy efficient and very low profile LED Tape is great for use in cove lighting, architectural enhancements, under cabinet or many more discreet locations. This flexible LED light source is a durable silicone encapsulated tape, cULus Listed for Wet Location applications and IP65 rated. Available in a roll, kit, or sections. Each roll or kit comes with (16) 12" sections linked together.

FEATURES

- Available in 16' kit, 16' roll, 12" section, and 4" section
- 70 lumens per foot with 3000K CCT
- Separable every 12", easily disconnected and connected without soldering
- Field cuttable every 4" or 6 LEDs
- Easy to install; pre-applied 3M™ tape or 15 acrylic mounting clips (included with roll/kit)
- 6 available colors: Blue, Green, Red, Yellow, Cool White (4200K), Warm White (3000K)
- cULus Listed for Wet Location and IP65 rated
- Exceeds Title 24 high efficacy requirements
- No soldering or additional wiring is required
- No flicker delay or warm up like compact fluorescent products
- No UV light or infrared wavelengths
- Three Year Limited Warranty

Included with every roll:

(1) 24V 16' Tape Light Roll, (15) Acrylic Mounting Clips with screws [NATL-401], (1) 24V 9" Power Line Interconnector [NATL-509], and (5) Shrink Wrap Tubes [NATL-400].

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). LED 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.

MOUNTING

Each Tape Light roll or kit comes with 15 clear acrylic clips and also comes with pre-applied 3M™ adhesive tape for simple installation. An optional aluminum channel is available. Do not install closer than 9.8' (3 meters) from a swimming pool surface.

ELECTRICAL

Voltage: 24V DC

Power Consumption: 1.5 Watts Per Foot (24W Total)

Lumens: Up to 70 Lumens Per Foot

Light Source: 18 LEDs Per Foot (288 LEDs Total)

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

Life Expectancy: 50,000 Hours

Maximum Run Length: 64' (w/ 96W Driver)

Labels and Warranty

cULus Listed for Wet Location¹ (not submersible)

IP65 Rated

Title 24 Compliant

California Energy Commission

Three Year Warranty



¹ To maintain wet location when connecting 2 sections; add clear shrink wrap over mating pieces and shrink wrap per instructions.

24V 16' Standard LED Tape Light Roll

NUTP1-16LED30: 16' 24V LED Tape Light Roll, 3000K

NUTP1-16LED42: 16' 24V LED Tape Light Roll, 4200K

NUTP1-16LEDB: 16' 24V LED Tape Light Roll, Blue

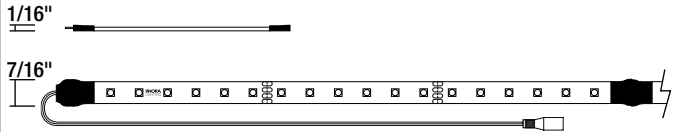
NUTP1-16LEDG: 16' 24V LED Tape Light Roll, Green

NUTP1-16LEDR: 16' 24V LED Tape Light Roll, Red

NUTP1-16LEDY: 16' 24V LED Tape Light Roll, Yellow (Amber)

Type	
Project	
Catalog No.	
Lamp/Wattage	

DIMENSIONS



Length: 16'
Width: 7/16"
Depth: 1/16"

ACCESSORIES

Item Number	Description
NATL-202	2" Interconnection Cable
NATL-206	6" Interconnection Cable
NATL-218	18" Interconnection Cable
NATL-236	36" Interconnection Cable
NATL-272	72" Interconnection Cable
NATL-300	"Y" Splitter Cable
NATL-301	"X" Splitter Cable
NATL-400	Shrink Wrap Tube (Pack of 5)
NATL-401	Clear Acrylic Mounting Clips (Pack of 15)
NATL-403	End Cap
NATL-420B	4' Plastic Channel, Black
NATL-420W	4' Plastic Channel, White
NATL-509	9" 24V Power Line Interconnector
NATL-511	11" 24V Power Line Interconnector with Switch

LED DRIVERS

HARDWIRE DRIVERS

Item Number	Description
NATL-530HW	24V 30W Class II Hardwired Electronic LED Driver
NATL-560HW	24V 60W Class II Hardwired Electronic LED Driver
NATL-5100HW	24V 100W Class II Hardwired Electronic LED Driver
NMT-48/24C2D1	120V/24V 48W Dimmable Class II Remote Hardwire Magnetic Driver w/ Regulator
NMT-48/24C2D2	277V/24V 48W Dimmable Class II Remote Hardwire Magnetic Driver w/ Regulator
NMT-96/24C2D1	120V/24V 96W Dimmable Class II Remote Hardwire Magnetic Driver w/ Regulator
NMT-96/24C2D2	277V/24V 96W Dimmable Class II Remote Hardwire Magnetic Driver w/ Regulator
NMT-303/24C2D1	120V/24V 300W Dimmable Class II Remote Hardwire Magnetic Driver w/Regulator
NMT-303/24C2D2	277V/24V 300W Dimmable Class II Remote Hardwire Magnetic Driver w/Regulator

PLUG-IN DRIVERS

NATL-524	24V 24W Direct Plug-In LED Driver
NATL-545	24V 45W Direct Plug-In LED Driver
NATL-596	24V 96W Class II Plug-In Electronic LED Driver

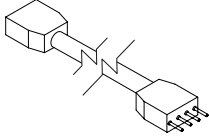
DRIVER ACCESSORIES

NALTL-10	Replacement 10' Power Line Connector for NMT Series & NATL-5100HW
NALTL-30	Replacement 30' Power Line Connector for NMT Series & NATL-5100HW
NATL-415	Low Voltage Splice Box
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

Standard LED Tape Light Optional Accessories

Interconnection Cable

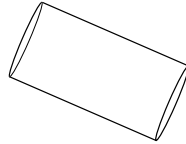
The interconnection cables allow for linking of any tape lights in any direction or extension of power line interconnectors. The arrow on the interconnection cable must always be facing upward to maintain polarity. Interconnection cables may be joined together for custom lengths.



- NATL-202: 2" Interconnection Cable
- NATL-206: 6" Interconnection Cable
- NATL-218: 18" Interconnection Cable
- NATL-236: 36" Interconnection Cable
- NATL-272: 72" Interconnection Cable

Shrink Wrap Tube (Pack of 5)

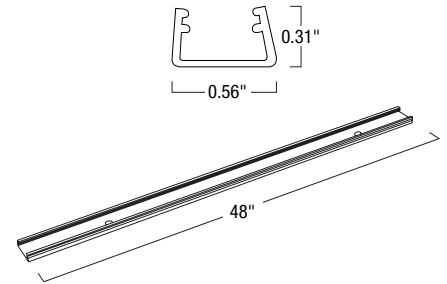
Used to seal connections made in the field. Necessary to maintain ETL Wet Listing. Pack of 5 are included with every Tape Light roll.



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

Plastic Channel

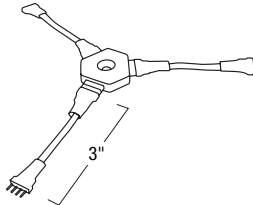
Used to mount tape light to various surfaces. Tape Light snaps into the channel. Field Cuttable. Recommended for most installations.



- NATL-420B: 4' Plastic Channel, Black
- NATL-420W: 4' Plastic Channel, White

"Y" Splitter Cable

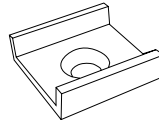
Splits connection from one tape light or driver into two separate tape lights.



NATL-300: "Y" Splitter Cable

Clear Acrylic Mounting Clips (Pack of 15)

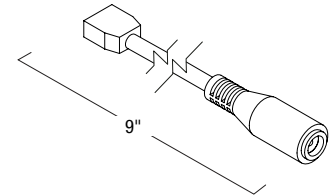
Used to mount tape light to surface, includes mounting screws. Pack of 15 are included with every Tape Light roll.



NATL-401: Clear Acrylic Mounting Clips (Pack of 15)

Power Line Interconnector

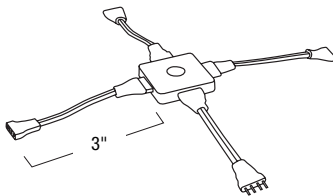
To connect a Tape Light run directly to LED Driver. NATL-509 is included with every Tape Light roll.



NATL-509: 9" 24V Power Line Interconnector

"X" Splitter Cable

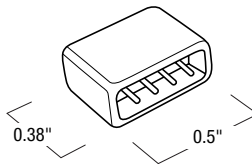
Splits connection from one tape light or driver into three separate tape lights.



NATL-301: "X" Splitter Cable

End Cap

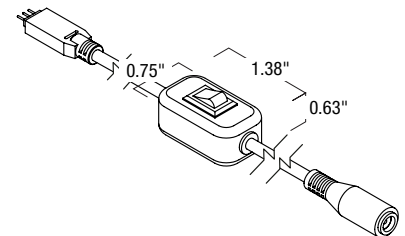
Used to cover open end of Tape Light.



NATL-403: End Cap

Power Line Interconnector with Switch

Allows for individual switching on any Tape Light run. Connects a Tape Light run directly to LED Driver.

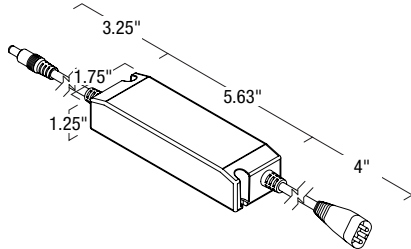


NATL-511: 11" Power Line Interconnector w/Switch

24V Standard LED Tape Light Drivers

30W 24V Class II Hardwire Electronic LED Driver

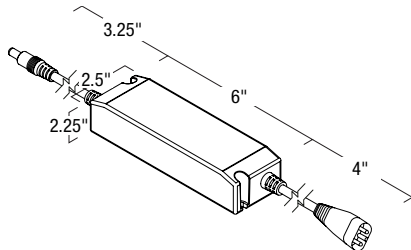
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.



NATL-530HW: 24V 30W Class II Hardwire Driver

60W 24V Class II Hardwire Electronic LED Driver

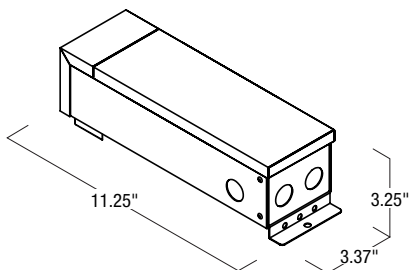
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.



NATL-560HW: 24V 60W Class II Hardwire Driver

100W 24V Class II Hardwire Electronic LED Driver

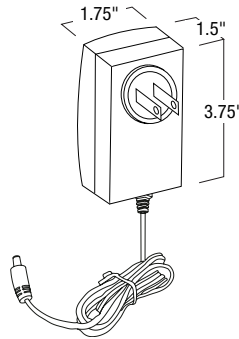
Allows hardwiring Tape Light run. Includes 10' power line connector (NALTL-10). Non-Dimmable.



NATL-5100HW: 24V 100W C2 Hardwire Driver

24V Direct Plug-In LED Drivers

Allows direct connection a wall outlet with 6' cord and plug. Non-Dimmable.

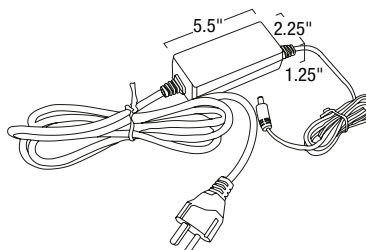


NATL-524: 24V 24W Direct Plug-In LED Driver

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

96W 24V Direct Plug-In LED Driver

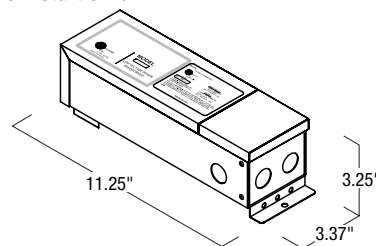
Allows direct connection a wall outlet with 5' cord and plug and 44" power line connector. Non-Dimmable.



NATL-596: 24V 96W Class II Dimmable Driver

24V Class II Dimmable Hardwire LED Driver

Allows hardwiring Tape Light run and dimming with Magnetic Low Voltage Dimmer. Includes 10' power line connector (NALTL-10). Manual reset thermal circuit - secondary side. Integral regulator for constant current and voltage. Can be mounted 30' from start of run.



NMT-48/24C2D1: 120V/24V 48W C2 Dimm. Driver

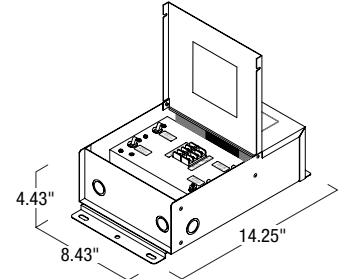
NMT-48/24C2D2: 277V/24V 48W C2 Dimm. Driver

NMT-96/24C2D1: 120V/24V 96W C2 Dimm. Driver

NMT-96/24C2D2: 277V/24V 96W C2 Dimm. Driver

300W 24V Class II Dimmable Hardwire LED Driver

Includes three 100W breakers, which allows hardwiring three Tape Light runs and dimming with Magnetic Low Voltage Dimmer. Includes (3) 10' power line connector (NALTL-10). Manual reset thermal circuit - secondary side. Integral regulator for constant current and voltage. Can be mounted 30' from start of run.



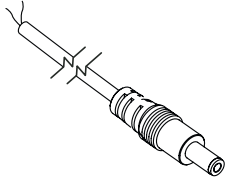
NMT-303/24C2D1: 120V/24V 300W C2 Dimm. Driver

NMT-303/24C2D2: 277V/24V 300W C2 Dimm. Driver

24V Standard LED Tape Light Drivers Accessories

Replacement Power Line Connector

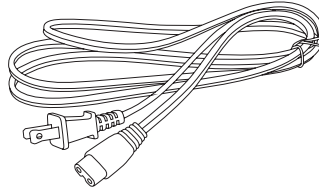
For use with NMT Series and NATL-5100HW. Replaces included 10' lead wire, to allow for 30' or less length between Tape Light run and LED Driver.



NALTL-10: 10' 24V Power Line Connector
NALTL-30: 30' 24V Power Line Connector

Cord and Plug for NATL-530HW or NATL-560HW

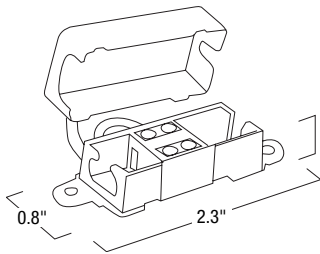
Used to convert NATL-530HW or NATL-560HW into a direct plug-in driver.



NRA-6035W/6: 6' Cord and Plug
NRA-6035W/10: 10' Cord and Plug

Low Voltage Splice Box

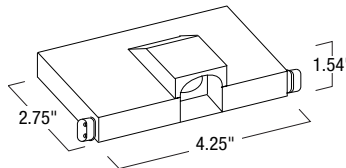
Use to join Romex® low voltage lead to power line connector.



NATL-415: Low Voltage Splice Box

Junction Box for Hardwiring

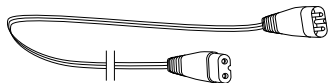
Required for hardwiring NATL-530HW or NATL-560HW. Can be used to feed to separate runs. Accepts Romex®.



NUSP-JBox: Junction Box for Hardwiring

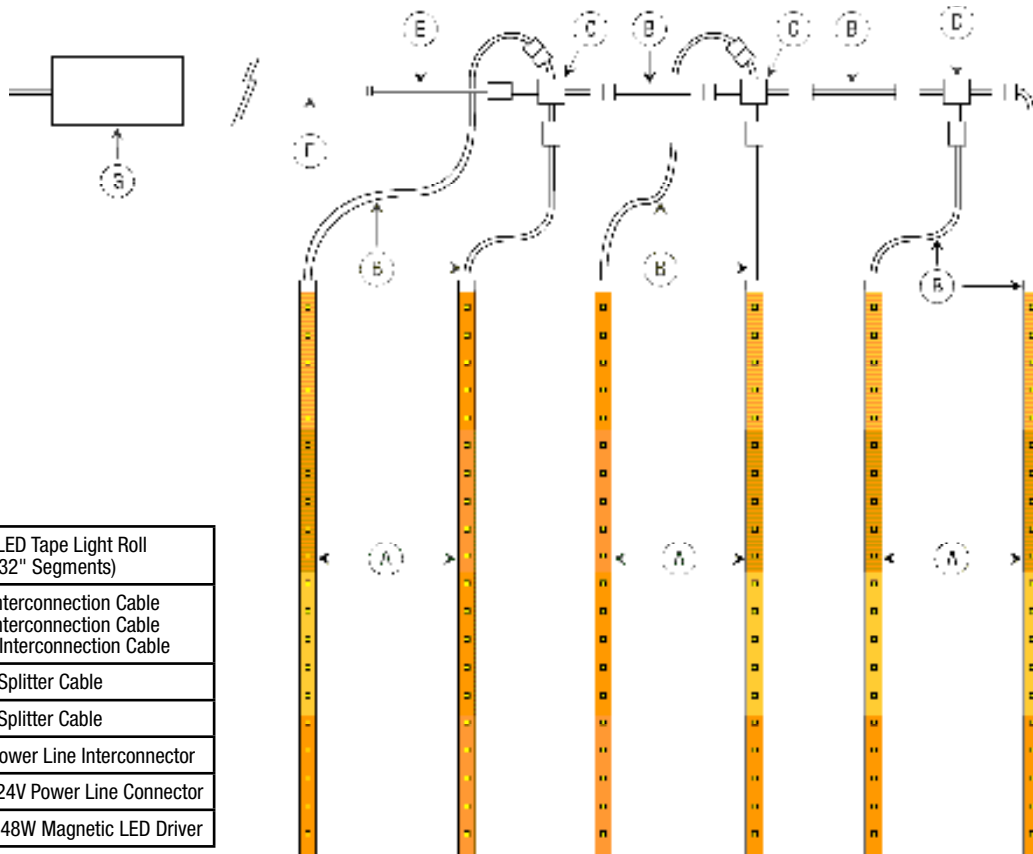
Extension Cord for NATL-530HW or NATL-560HW

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

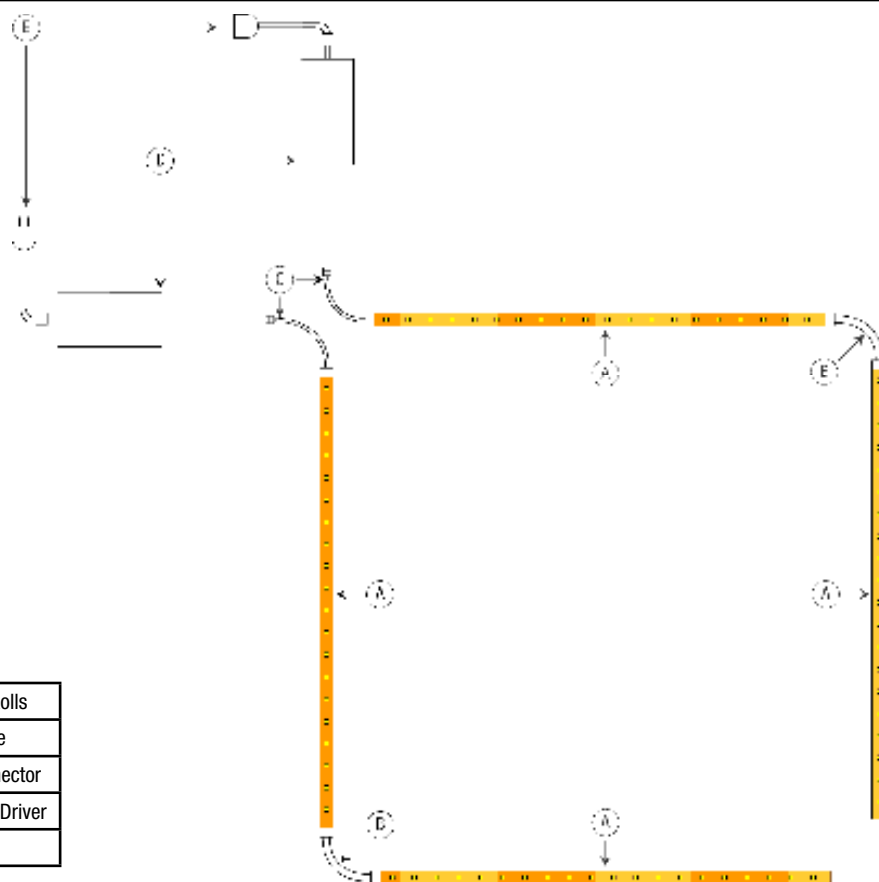


NRA-125/6: 6" Flexible Extension Cord
NRA-125/12: 12" Flexible Extension Cord
NRA-125/18: 18" Flexible Extension Cord
NRA-125/72: 72" Flexible Extension Cord

Suggested Layouts



A.	NUTP1-16LED	16' LED Tape Light Roll (6 - 32" Segments)
B.	NATL-202 NATL-206 NATL-218	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable
C.	NATL-301	"X" Splitter Cable
D.	NATL-300	"Y" Splitter Cable
E.	NATL-509	9" Power Line Interconnector
F.	NALTL-30	30' 24V Power Line Connector
G.	NMT-48/24C2D1	24V 48W Magnetic LED Driver



A.	NUTP1-16LED	(4) 16' LED Tape Light Rolls
B.	NATL-206	6" Interconnection Cable
C.	NATL-509	9" Power Line Interconnector
D.	NATL-560HW	24V 60W Hardwire LED Driver
E.	NRA-6035W/6	Flexible 6' Power Cord