

# NUTP7-16LEDPS

## 24V 16' Damp Label

### Standard LED Tape Light Kit

Source: 24W - 1.5 Watts Per Foot

#### 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. 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)
- 3 available colors: Warm White (2700K), Warm White (3000K), Cool White (4200K)
- cULus Listed for Damp Locations
- 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 (1) 24W Plug-In Driver [NATL-524].

#### CONSTRUCTION

The tape can be cut every 6 LEDs at marked intervals, cutting does not effect circuit. LED Tape Light is also separable every 12", simply separate pieces as 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 plastic channel is available.

#### 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 Damp Location

IP44 Rated

Title 24 Compliant

California Energy Commission

Three Year Warranty



### 24V 16' Damp Label Standard LED Tape Light Kit

NUTP7-16LED27PS: 16' 24V Damp Label LED Tape Light Kit, 2700K

NUTP7-16LED30PS: 16' 24V Damp Label LED Tape Light Kit, 3000K

NUTP7-16LED42PS: 16' 24V Damp Label LED Tape Light Kit, 4200K

# NORALIGHTING.

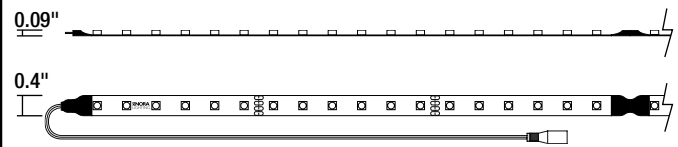
Type \_\_\_\_\_

Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

Lamp/Wattage \_\_\_\_\_

#### DIMENSIONS



Length: 16'  
Width: 0.4"  
Depth: 0.09"

#### 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-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

##### HARDWIRED DRIVERS

Item Number	Description
NATL-530HW	24V 30W Class II Hardwired LED Driver (Requires NUSP-JBox or NRA-6035)
NATL-560HW	24V 60W Class II Hardwired LED Driver (Requires NUSP-JBox or NRA-6035)
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

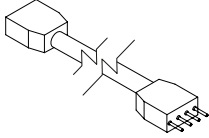
NALTL-10	Replacement 10' Power Line Connector for NMT Series & NATL-5100HW
NALTL-30	Replacement 30' Power Line Connector for NMT Series & NATL-5100HW
NATL-415	Low Voltage Splice Box
NRA-125/6	6" Extension Cord for NATL-530HW & NATL-560HW
NRA-125/12	12" Extension Cord for NATL-530HW & NATL-560HW
NRA-125/18	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

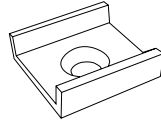
The interconnection cables allow for linking of any tape lights in any direction or extension of power line interconnectors. The arrow on the interconnection cable must always be facing upward to maintain polarity. Interconnection cables may be joined together for custom lengths.



- 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

## Clear Acrylic Mounting Clips (Pack of 15)

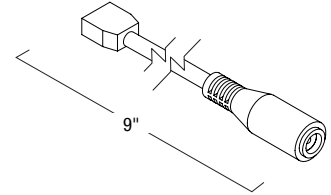
Used to mount tape light to surface, includes mounting screws. Pack of 15 are included with every Tape Light Kit.



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

## Power Line Interconnector

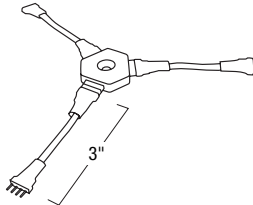
To connect a Tape Light run directly to LED Driver. NATL-509 is included with every Tape Light Kit.



**NATL-509:** 9" 24V Power Line Interconnector

## "Y" Splitter Cable

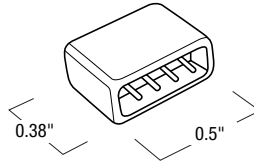
Splits connection from one tape light or driver into two separate tape lights.



**NATL-300:** "Y" Splitter Cable

## End Cap

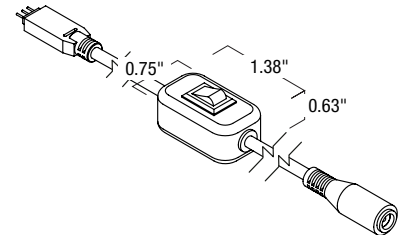
Used to cover open end of Tape Light.



**NATL-403:** End Cap

## Power Line Interconnector with Switch

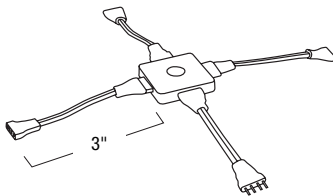
Allows for individual switching on any Tape Light run. Connects a Tape Light run directly to LED Driver.



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

## "X" Splitter Cable

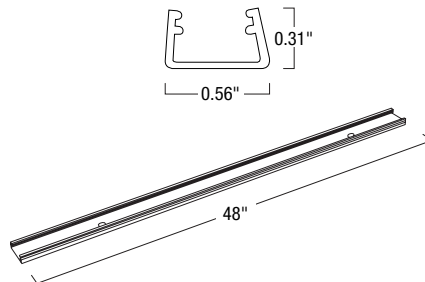
Splits connection from one tape light or driver into three separate tape lights.



**NATL-301:** "X" Splitter Cable

## Plastic Channel

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

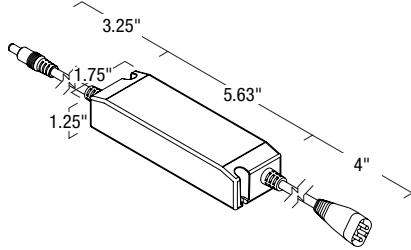


- NATL-420B:** 4' Plastic Channel, Black
- NATL-420W:** 4' Plastic Channel, White

# 24V Standard LED Tape Light Drivers

## 30W 24V Class II Hardwire Electronic LED Driver

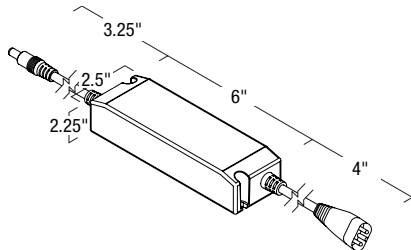
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.



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

## 60W 24V Class II Hardwire Electronic LED Driver

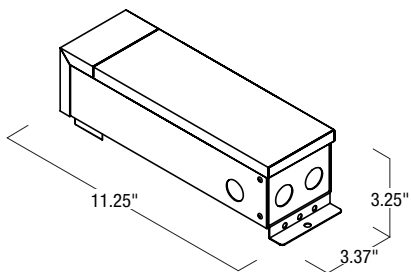
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.



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

## 100W 24V Class II Hardwire Electronic LED Driver

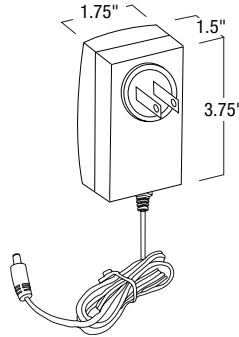
Allows hardwiring Tape Light run. Includes 10' power line connector (NALTL-10). Non-Dimmable.



**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 is included with every Tape Light kit.

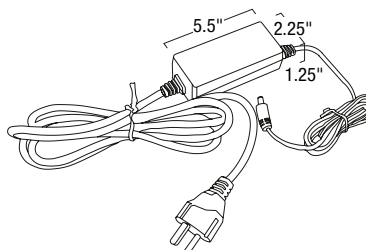


**NATL-524:** 24V 24W Direct Plug-In LED Driver

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

## 96W 24V Direct Plug-In LED Driver

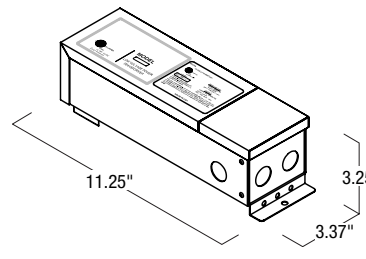
Allows direct connection a wall outlet with 5' cord and plug and 44" power line connector. Non-Dimmable.



**NATL-596:** 24V 96W Direct Plug-In LED 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

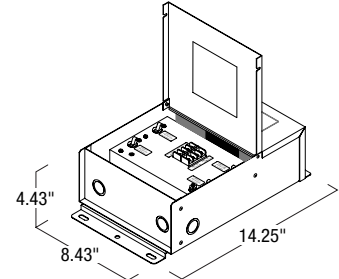
**NMT-48/24C2D2:** 277V/24V 48W C2 Dimm. Driver

**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.



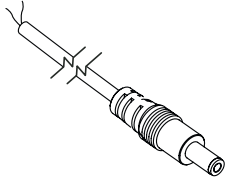
**NMT-303/24C2D1:** 120V/24V 300W C2 Dimm. Driver

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

## 24V Standard LED Tape Light Drivers Accessories

### Replacement Power Line Connector

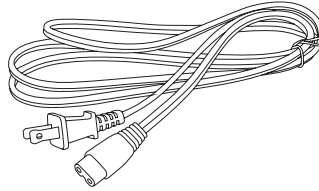
For use with NMT Series and NATL-5100HW. Replaces included 10' lead wire, to allow for 30' or less length between Tape Light run and LED Driver.



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

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

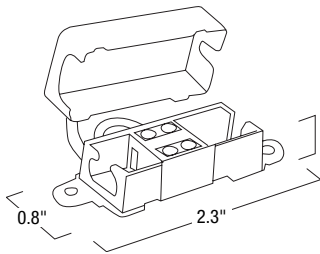
Used to convert NATL-530HW or NATL-560HW into a direct plug-in driver.



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

### Low Voltage Splice Box

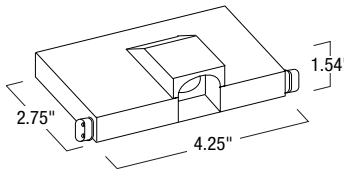
Use to join Romex® low voltage lead to power line connector.



**NATL-415:** Low Voltage Splice Box

### Junction Box for Hardwiring

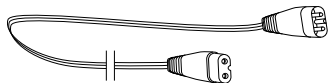
Required for hardwiring NATL-530HW or NATL-560HW. Can be used to feed to separate runs. Accepts Romex®.



**NUSP-JBox:** Junction Box for Hardwiring

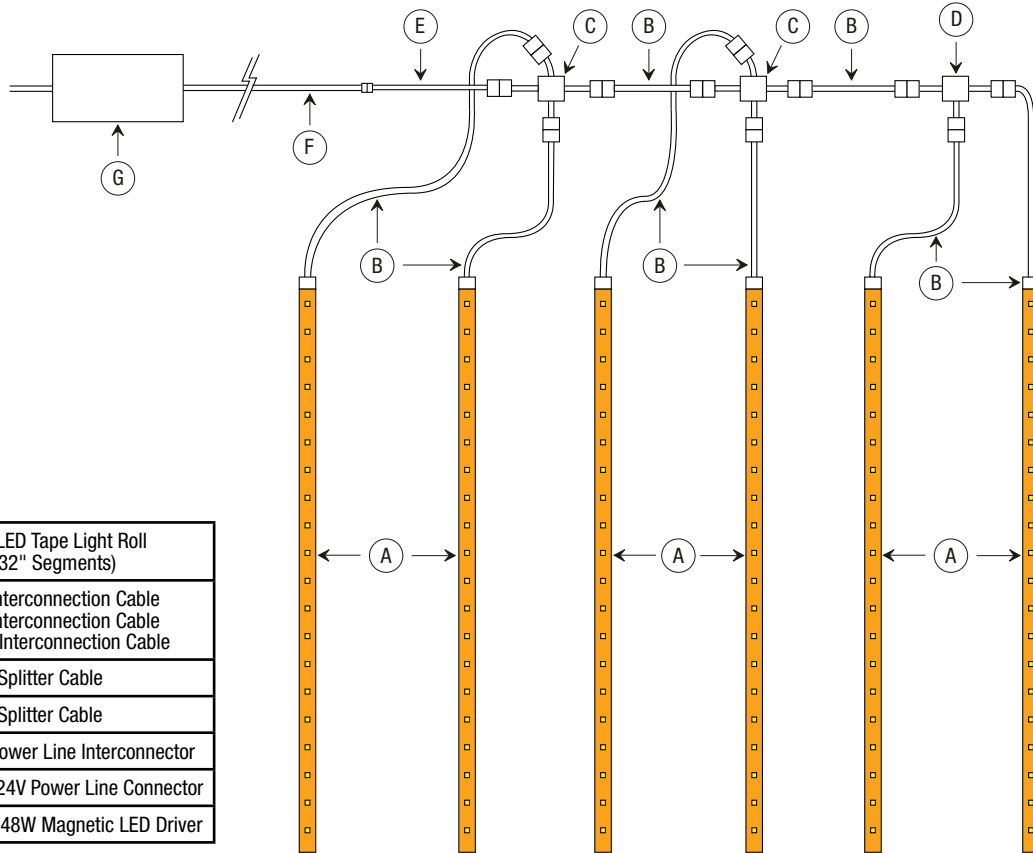
### Extension Cord for NATL-530HW or NATL-560HW

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

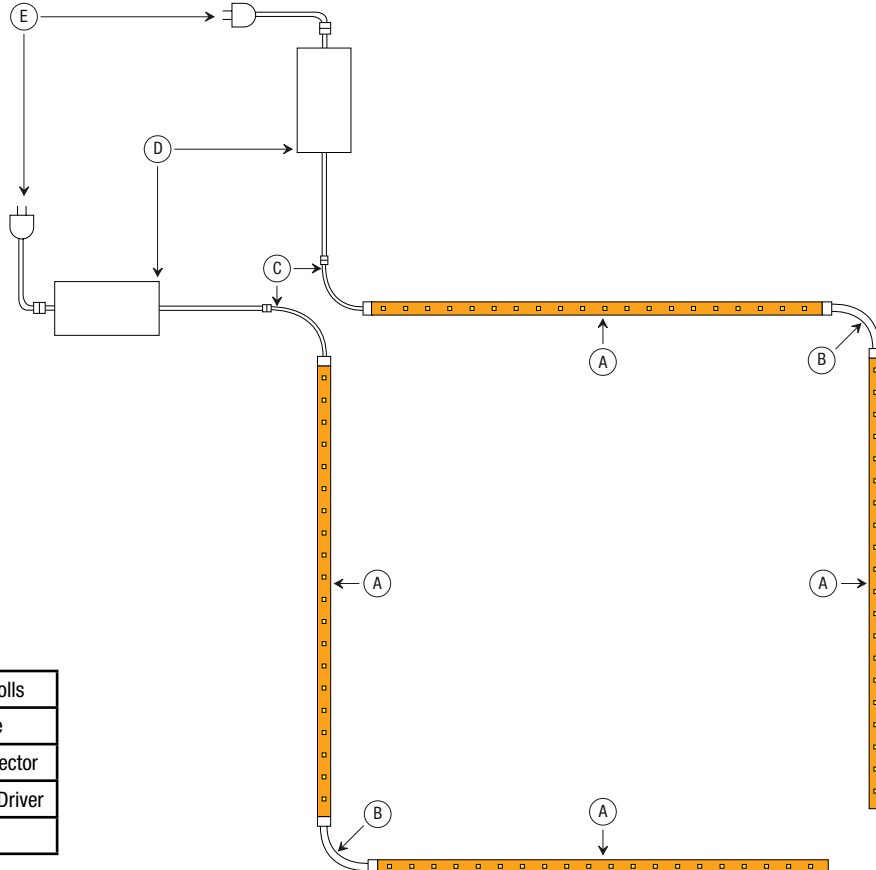


**NRA-125/6:** 6" Flexible Extension Cord  
**NRA-125/12:** 12" Flexible Extension Cord  
**NRA-125/18:** 18" Flexible Extension Cord  
**NRA-125/72:** 72" Flexible Extension Cord

# Sample Layouts



A.	NUTP7-16LED	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.	NUTP7-16LED	(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