NUTP7-16LEDPS
24V 16' Damp Label
Standard LED Tape Light Kit
Source: 24W - 1.5 Watts Per Foot

NORALIGHTING.

Type	
Project	
Catalog No.	
Lamp/Wattage	

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: -13ºF to 140ºF (-25ºC to 60ºC)
Life Expectancy: 50,000 Hours
Maximum Run Length: 64' (w/ 96W Driver)

Labels and Warranty
cULus Listed for Damp Location
IP44 Rated
Three Year Warranty

DIMENSIONS

0.09"

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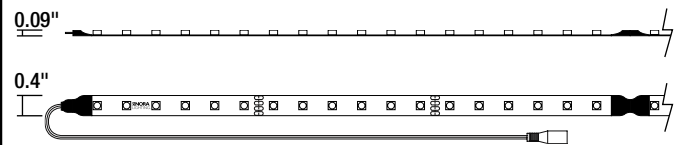
Length: 16'
Width: 0.4"
Depth: 0.09"

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

HARDWIRE 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

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

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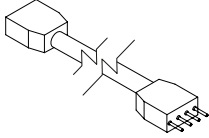
NATL-202: 2" Interconnection Cable
NATL-206: 6" Interconnection Cable
NATL-218: 18" Interconnection Cable
NATL-236: 36" Interconnection Cable
NATL-272: 72" Interconnection Cable

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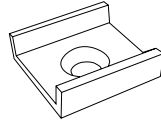
NATL-401: Clear Acrylic Mounting Clips (Pack of 15)

Power Line Interconnector

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

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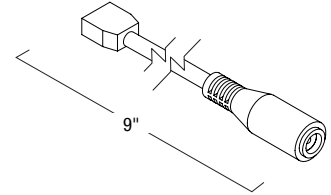
NATL-509: 9" 24V Power Line Interconnector

"Y" Splitter Cable

Splits connection from one tape light or driver into two separate tape lights.
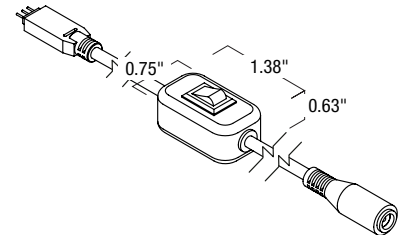
3"
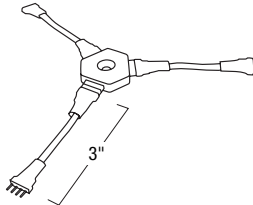
NATL-300: "Y" Splitter Cable

End Cap

Used to cover open end of Tape Light.

0.38"   0.5"
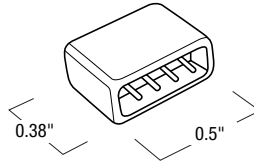
NATL-403: End Cap

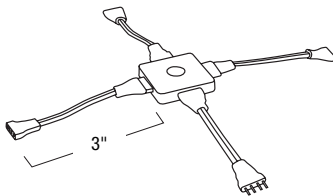## Power Line Interconnector with Switch

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

0.75"   1.38"   0.63"

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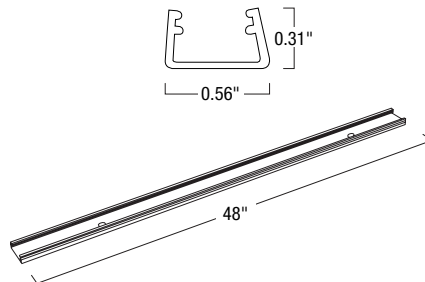
"X" Splitter Cable

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

3"

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.
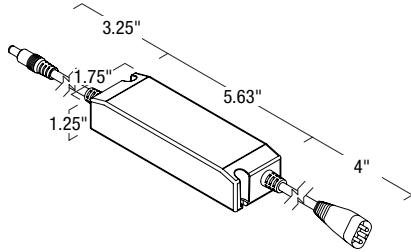
0.31"
0.56"
48"

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

24V Standard LED Tape Light Drivers
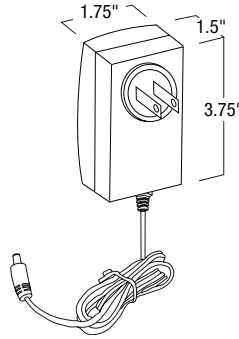
30W 24V Class II Hardwire Electronic LED Driver
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.

NATL-530HW: 24V 30W Class II Hardwire Driver
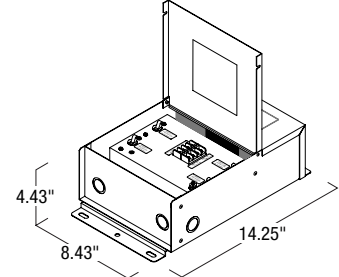
24V Direct Plug-In LED Drivers
Allows direct connection a wall outlet with 6' cord and plug. Non-Dimmable. NATL-524 is included with every Tape Light kit.

NATL-524: 24V 24W Direct Plug-In LED Driver
NATL-545: 24V 45W Direct Plug-In LED Driver
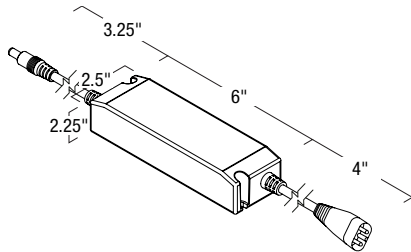
300W 24V Class II Dimmable Hardwire LED Driver
Includes three 100W breakers, which allows hardwiring three Tape Light runs and dimming with Magnetic Low Voltage Dimmer. Includes (3) 10' power line connector (NALTL-10). Manual reset thermal circuit - secondary side. Integral regulator for constant current 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
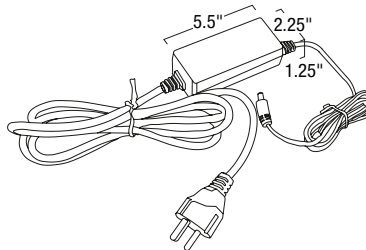
60W 24V Class II Hardwire Electronic LED Driver
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.

NATL-560HW: 24V 60W Class II Hardwire Driver
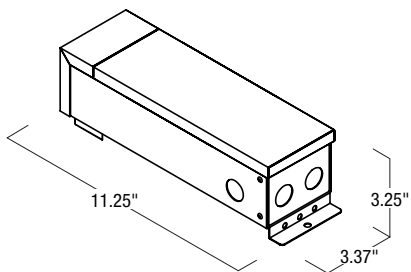
96W 24V Direct Plug-In LED Driver
Allows direct connection a wall outlet with 5' cord and plug and 44" power line connector. Non-Dimmable.

NATL-596: 24V 96W 6[dW[BgYŽ`>76 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 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.
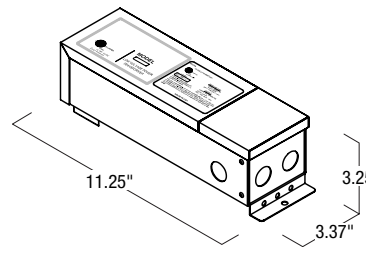

NMT-48/24C2D1: 120V/24V 48W C2 Dimm. Driver
NMT-48/24C2D2: 277V/24V 48W C2 Dimm. Driver
NMT-96/24C2D1: 120V/24V 96W C2 Dimm. Driver
NMT-96/24C2D2: 277V/24V 96W C2 Dimm. Driver

24V Standard LED Tape Light Drivers Accessories

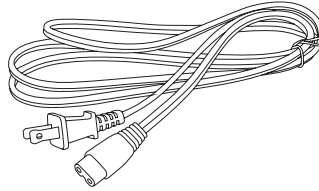**Replacement Power Line Connector**
For use with NMT Series and NATL-5100HW.
Replaces included 10' lead wire, to allow for 30'
or less length between Tape Light run and LED
Driver.
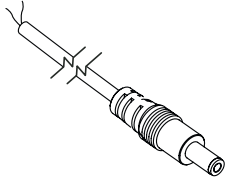
NALTL-10: 10' 24V Power Line Connector

NALTL-30: 30' 24V Power Line Connector
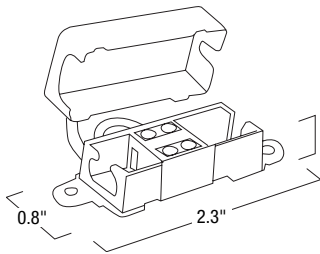
Cord and Plug for NATL-530HW or NATL-560HW
Used to convert NATL-530HW or NATL-560HW into
a direct plug-in driver.

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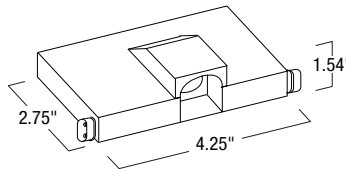
NRA-6035W/10: 10' Cord and Plug

Low Voltage Splice Box
Use to join Romex® low voltage lead to power line
connector.

0.8"   2.3"

**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®.

1.54"

2.75"

4.25"

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.
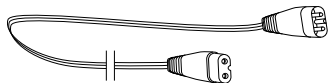
NRA-125/6: 6" Flexible Extension Cord

NRA-125/12: 12" Flexible Extension Cord

NRA-125/18: 18" Flexible Extension Cord

NRA-125/72: 72" Flexible Extension Cord

Sample Layouts
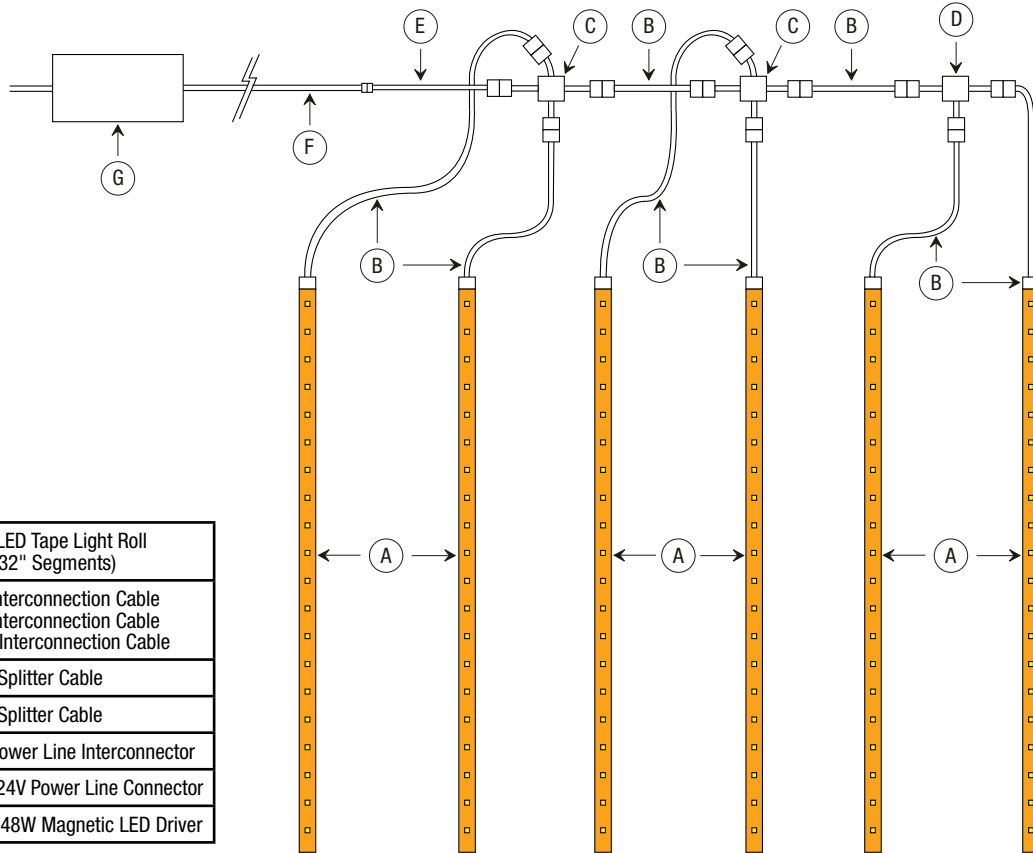
A.	NUTP7-16LED	16' LED Tape Light Roll (6 - 32" Segments)
B.	NATL-202 NATL-206 NATL-218	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable
C.	NATL-301	"X" Splitter Cable
D.	NATL-300	"Y" Splitter Cable
E.	NATL-509	9" Power Line Interconnector
F.	NALTL-30	30' 24V Power Line Connector
G.	NMT-48/24C2D1	24V 48W Magnetic LED Driver
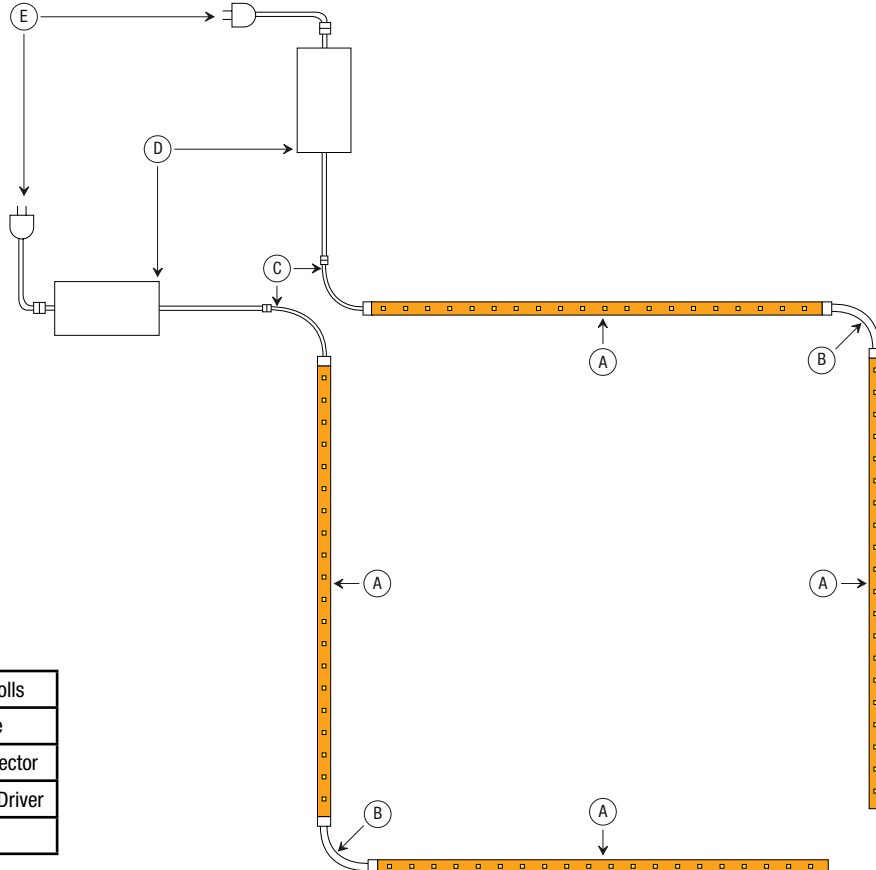
A.	NUTP7-16LED	(4) 16' LED Tape Light Rolls
B.	NATL-206	6" Interconnection Cable
C.	NATL-509	9" Power Line Interconnector
D.	NATL-560HW	24V 60W Hardwire LED Driver
E.	NRA-6035W/6	Flexible 6' Power Cord