NUTP1 Series
24V Standard Silicone Encapsulated LED Tape Light
Source: 1.5W/ft. LED
        70lm/ft.

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 Damp Location applications. 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 2" or 3 LEDs
· Easy to install; pre-applied 3M™ tape or 15 acrylic mounting clips (included with roll/kit)
· 7 available colors: Blue, Green, Red, Yellow, Cool White (4200K), Warm White (3000K) or Warm White (2700K)
· No soldering or additional wiring is required

INCLUDED WITH EVERY 16' ROLL
(1) 16' Tape Light Roll with 12" separable sections, (15) Acrylic Mounting Clips with screws [NATL-401], and (1) 9" Power Line Interconnector [NATL-509].

INCLUDED WITH EVERY 16' KIT
(1) 16' Tape Light Roll, (15) Acrylic Mounting Clips with screws [NATL-401], (1) 9" Power Line Interconnector [NATL-509], (5) Shrink Wrap Tubes [NATL-400] and (1) 24W Plug-In Driver [NATL-524].

SPECIFICATION
Construction: The silicone encapsulated tape can be cut every 3 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 listing. Simply slice the clear shrink wrap at each electrical connection, and separate pieces. This eliminates soldering when using partial rolls. Each roll or kit comes with 9" power line connector [NATL-509].

Mounting: Each Tape Light includes pre-applied 3M™ adhesive tape for simple installation. Optional channels and clear acrylic clips are available.

ELECTRICAL
Input Voltage: 24V
Lumens / Wattage: 70lm / 1.5W per foot
Light Source: 18 LEDs/ft. or 228 LEDs/roll
Color Temperature: Blue, Green, Red, Yellow, 2700K, 3000K or 4200K
CRI: 80 or 90 CRI, must specify
Life Expectancy: 50,000 hours
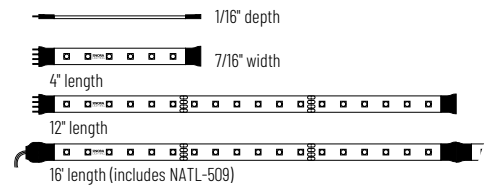**Dimming:** Dimmable with Dimmable LED Driver
Maximum Run Length: 64'

LABELS AND LISTINGS
· cULus Listed for Damp Location
· 3-Year Limited Warranty

PRODUCT IMAGES & DIMENSIONS

1/16" depth
7/16" width
4" length
12" length
16' length (includes NATL-509)

24V Standard Silicone Encapsulated LED Tape Light

Length / Finish	CCT / CRI	Section Length
NUTP1-16LED = 16' Roll / Amber finish **NUTP1-LED** = Section / Amber finish	**27** = 2700K / 80 CRI **30** = 3000K / 80 CRI **42** = 4200K / 80 CRI **B** = Blue **G** = Green **R** = Red	**(blank)** = 16' Roll **/4** = 4" Section **/12** = 12" Section
NUTP1-W16LED = 16' Roll / White finish **NUTP1-WLED** = Section / White finish	**927** = 2700K / 90 CRI **930** = 3000K / 90 CRI **942** = 4200K / 90 CRI **B** = Blue **R** = Red **Y** = Yellow (Amber)	**(blank)** = 16' Roll **/4** = 4" Section **/12** = 12" Section
NUTP1-W16LED = 16' Kit	**927K** = 2700K / 90 CRI **930K** = 3000K / 90 CRI **942K** = 4200K / 90 CRI	**(blank)** = 16' Kit

Example: **NUTP1-WLEDB/12** = 12" 24V Standard LED Tape Light, Blue LED

NUTP1 Series
24V Standard Silicone Encapsulated LED Tape Light Accessories

"Y" Splitter Cable

NATL-300W

Allows splitting the Tape Light from a run or driver, into two separate runs.

X-Splitter Cable

NATL-301W

Allows splitting the Tape Light from a run or driver, into three separate runs.

Interconnection Cable

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

Allows easy linking of two Tape Light sections. Cables are flexible and can be moved in any direction, or be joined together for custom lengths.

Power Line Interconnector

NATL-509W   9" Cable

Connects any Tape Light run to a driver. (1) Power line interconnector is included with every Tape Light roll/kit.

Power Line Interconnector with On/Off Switch

NATL-511W   11" Cable

Allows individual switching on any Tape Light run, and connect LED Tape Light run directly to LED Driver.

Shrink Wrap Tube

NATL-400   Pack of 5

Seals connection made in the field. Necessary to maintain cULus listing. Two shrink wrap tubes are included with every Tape Light roll and section.

End Cap

NATL-403	Black
NATL-403W	White

Covers open end of Tape Light.

Clear Acrylic Mounting Clips

NATL-401   Pack of 15

Use in conjunction with adhesive backing to attach Tape Light to a surface. Pack of 15 clear acrylic mounting clips are included with every Tape Light roll.
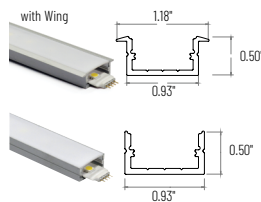
2' Wire Raceway

NATL-422B	Black
NATL-422W	White

Field-cuttable plastic. Includes wire channel with double faced tape and cover.

4' Plastic Channel

NATL-420B	Black
NATL-420W	White

Mounts Tape Light to various surfaces. Tape Light snaps into the channel. Field cuttable.

4' Shallow Channels

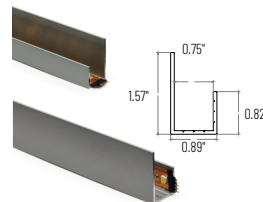|	
NATL-C23A	Aluminum w/Wing
NATL-C24A	Aluminum
NATL-C24B	Black
NATL-C24W	White

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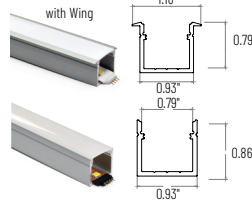
4' Deep Channels

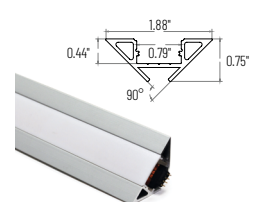|	
NATL-C25A	Aluminum w/Wing
NATL-C26A	Aluminum
NATL-C26B	Black
NATL-C26W	White

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

4' J-Style Channels

NATL-C27A   Aluminum

Used to mount tape light to various surfaces. Field cuttable.

4' Corner Channels

NATL-C28A	Aluminum
NATL-C28B	Black
NATL-C28W	White

Plastic diffuser and End caps included. Field cuttable

NUTP1 Series
24V Standard Silicone Encapsulated LED Tape Light Drivers & Accessories

Direct Plug-In LED Driver

NATL-524W	24V 24W
NATL-545W	24V 45W

Input Voltage: 120V
Cable Length: 6'

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-5030HW	24V 30W
NATL-5060HW	24V 60W
NATL-5100HW	24V 100W

Input Voltage: 120-240V
Dimming: Non-Dimmable
Includes: 10' Power Line Connector

Class II Hardwire LED Driver 0-10V Dimming

NATL-5096-24-HWD10	24V 96W

Input Voltage: 120-277V
Dimming: 0-10V
Includes: 10' Power Line Connector

Class II Hardwire LED Driver ELV Dimming

NATLED-5040HW	24V 40W
NATLED-5075HW	24V 75W

Input Voltage: 120V
Dimming: ELV
Includes: 10' Power Line Connector

Class II Hardwire LED Driver with Breakers, MLV Dimming

NMT-303/24C2D1	3 x 100W

Input Voltage: 120V
Dimming: Magnetic Low Voltage
Breakers: (3) 100W
Includes: (3) 10' Power Line Connectors

Class II Hardwire LED Driver with Regulator, MLV Dimming

NMTD-60/24D	24V 60W
NMTD-96/24D	24V 96W

Input Voltage: 120-277V
Dimming: Magnetic Low Voltage
Regulator: Integral regulator for constant current and voltage
Includes: 10' Power Line Connector

NEXUS® All-in-One LED Driver and Dimmer

NATL-SWEX100/24A	24V 100W

NATL-SWEX/3FP	3 Face Plates

Input Voltage: 120V
Dimming: Integral Dimmer
Description: Eliminates the driver and allows 120V input and 24V output from a single gang box. 100-5% dimming and on/off switch.

Power Line Connector

NALTL-10	10' Power Line
NALTL-30	30' Power Line

For use with Class II drivers. Carries output from driver, requires power line interconnectors.

NATL-302W	5" Splitter

Splits power line connector into two separate leads, requires power line cable.

Touch Dimmer with Memory

NATL-518W	

72W max., no power fail memory, touch on/off and hold to dim.

DC Plug & Play Motion Sensor

NAL-856W	

12' Max activation distance; 20 second auto off; 120° detection zone; Max Load 4A.

Low Voltage Splice Box

NATL-415W	

Use to join low voltage lead to power line connector.

Terminal/Splitter 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

16AWG In-Wall Rated Wire

NATL-W16-2-250	16AWG 250'
NATL-W16-2-20	16AWG 20'

16 AWG low voltage Class II two-conductor, in-wall rated wire.

Wire Clip, Plastic - 10pk

NATL-404W	J-Clip
NATL-405W	Over the Wire
NATL-406W	Square Clip

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NUTP1 Series
24V Standard Silicone Encapsulated LED Tape Light - Sample Layout

Type

Project

Catalog No.

Notes

Line

30' Max

48"
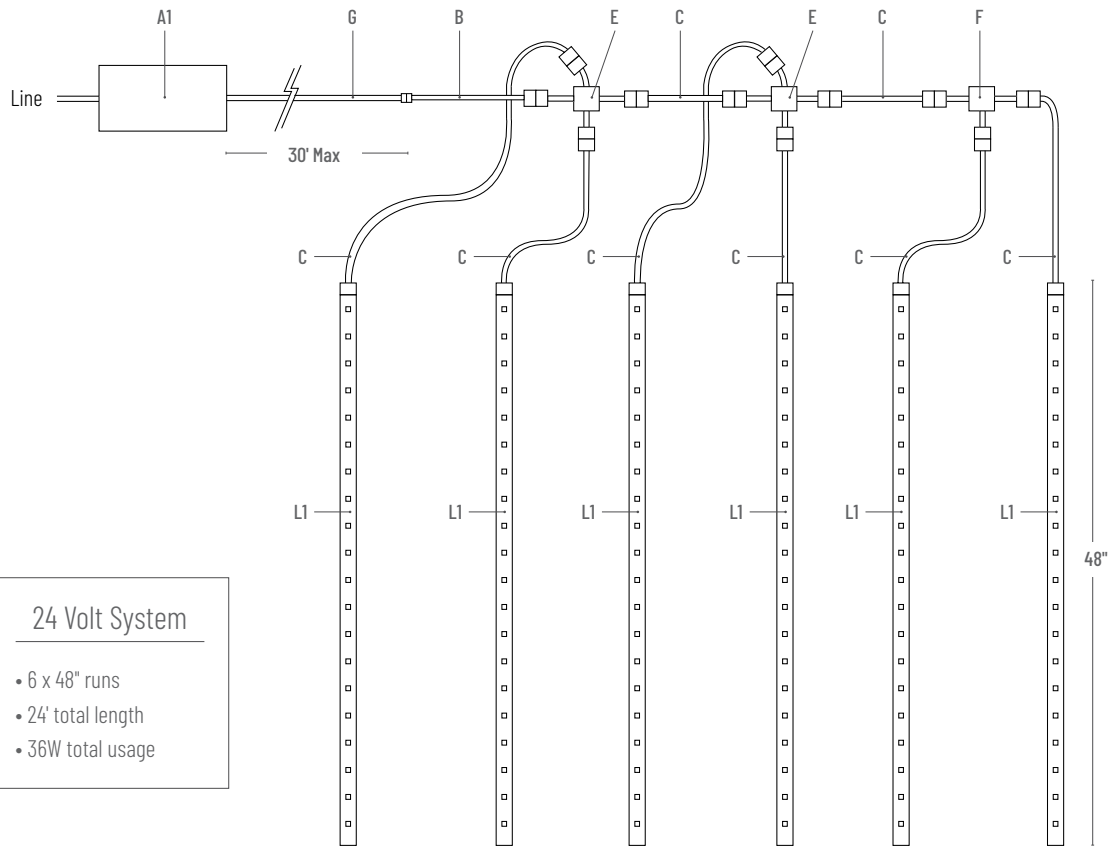
24 Volt System

• 6 x 48" runs
• 24' total length
• 36W total usage

	DESCRIPTION	ITEM #
A1	24V 60W Dimmable Class II Hardwire LED Driver	NMTD-60/24D
B	24V 9" Power Line Interconnector (one included with each Tape Light roll)	NATL-509
C	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable 36" Interconnection Cable 72" Interconnection Cable	NATL-202 NATL-206 NATL-218 NATL-236 NATL-272
E	"X" Splitter Cable (1 in & 3 out)	NATL-301
F	"Y" Splitter Cable (1 in & 2 out)	NATL-300
G	10' Power Line Connector (one included with Class II drivers) 30' Power Line Connector	NALTL-10 NALTL-30
L1	24V 48" LED Tape Light Segments (Each NUTP1-W16LED Roll contains (16) 12" detachable sections)	(1) NUTP1-W16LED(color) and (8) NUTP1-WLED(color)/12
*Note: All drivers require power line interconnector to connect to tape.		