

# NUTP9 Series

## 24V Side-Lit Non-Encapsulated LED Tape Light

Source: 1.5W/ft. LED  
70lm/ft.

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

24V Side-Lit LED Tape has the same performance features as the standard tape light, but instead of project the light straight, the light is projected to the side, parallel to the mounting surface of the tape. For example, when mounted under a cabinet in a horizontal position, the light projects sideways toward the back splash with minimal LED image on the counter top. IP44 rated, the tape light can be used outdoors when not exposed to direct water spray.

### FEATURES

- Available in 16' roll, 12" section, and 4" section
- 70 lumens per foot
- 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)
- Single color illumination in 2700K or 3000K
- 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].

### SPECIFICATION

**Construction:** The tape can be cut every 4" 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 includes pre-applied 3M™ adhesive tape for simple installation. Optional channels and clear acrylic clips are available.

### LIMITATIONS

- Not rated or warranted for enclosed applications
- Tape light and most accessories are not rated for in-wall installation (NATL-W16-2 is rated for in-wall installations)
- Do not install in where LED chips are exposed to direct sunlight, as damage to the phosphor will occur

### ELECTRICAL

**Input Voltage:** 24V

**Lumens / Wattage:** 70lm / 1.5W per foot

**Color Temperature:** 2700K or 3000K

**CRI:** 80 CRI

**Operating Temp.:** -25°C to 45°C

**Dimming:** Dimmable with Dimmable LED Driver

**Maximum Run Length:** 64'

### LABELS AND LISTINGS

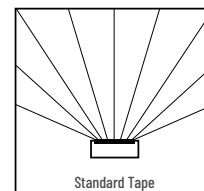
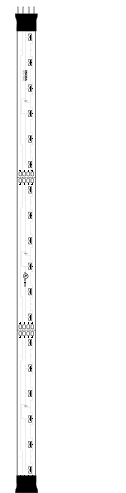
- cULus Listed for Damp Location
- 3-Year Limited Warranty



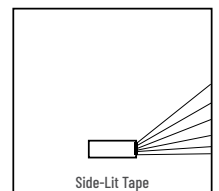
### PRODUCT IMAGES & DIMENSIONS



7/16" width  
1/16" depth



Standard Tape



Side-Lit Tape

## 24V Side-Lit Non-Encapsulated LED Tape Light

Length / Finish	CCT / CRI	Section Length
NUTP9-16LED = 16' Roll / Amber finish	27 = 2700K / 80 CRI	(blank) = 16' Roll
NUTP9-LED = Section / Amber finish	30 = 3000K / 80 CRI	/4 = 4" Section
		/12 = 12" Section

Example: NUTP9-LED30/12 = 12" 24V Side-Lit LED Tape Light, 3000K / 80 CRI

# NUTP9 Series

## 24V Side-Lit Non-Encapsulated LED Tape Light Accessories

Type

Project

Catalog No.

Notes



"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

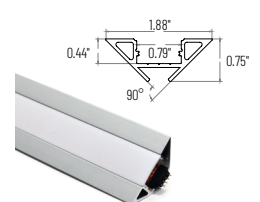
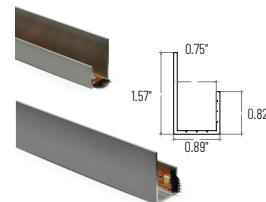
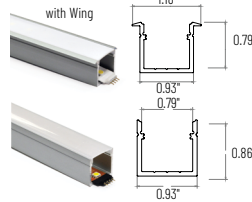
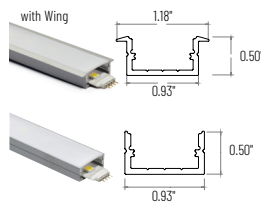
Field-cuttable plastic. Includes wire channel with double faced tape and cover.



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

# NUTP9 Series

## 24V Side-Lit Non-Encapsulated LED Tape Light Drivers & Accessories

Type

Project

Catalog No.

Notes



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

**NATL-10** 10' Power Line  
**NATL-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.



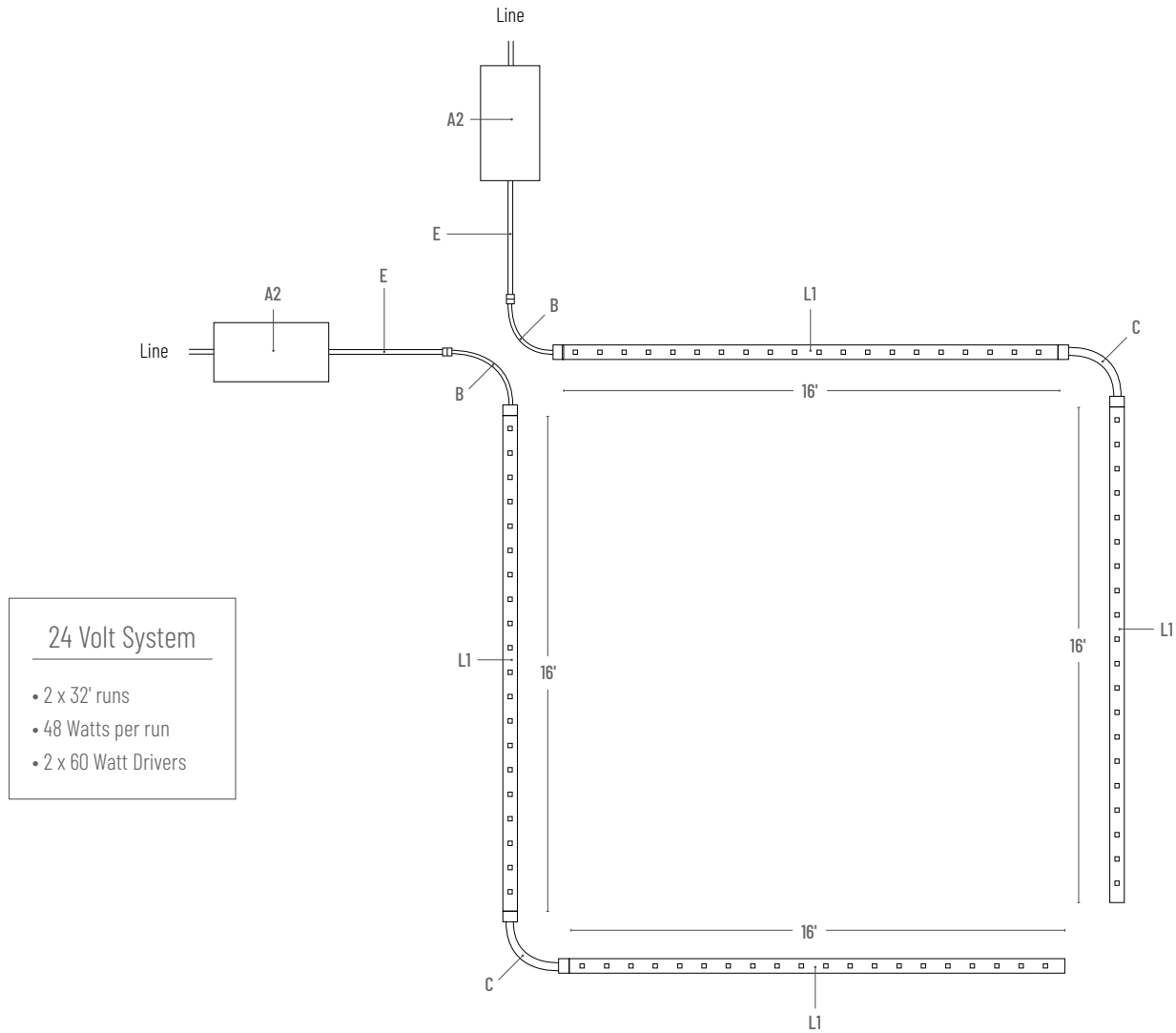
Wire Clip, Plastic - 10pk

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

# NUTP9 Series

## 24V Side-Lit Non-Encapsulated LED Tape Light - Sample Layout

Type	_____
Project	_____
Catalog No.	_____
Notes	_____



**24 Volt System**

- 2 x 32' runs
- 48 Watts per run
- 2 x 60 Watt Drivers

	DESCRIPTION	ITEM #
A2	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	NATL-202
	6" Interconnection Cable	NATL-206
	18" Interconnection Cable	NATL-218
	36" Interconnection Cable	NATL-236
	72" Interconnection Cable	NATL-272
E	10' Power Line Connector (one included with Class II drivers)	NALTL-10
	30' Power Line Connector	NALTL-30
L1	24V 16' LED Tape Light Rolls (Disconnect every 12" or can be cut every 4", contains (16) 12" segments)	(4) NUTP9-16LED(CCT)

\*Note: All drivers require power line interconnector to connect to tape.