

NUTP7 Series

24V Standard LED Non-Encapsulated Tape Light

Source: 1.65W/ft LED
70lm/ft

PRODUCT DESCRIPTION

24V Standard LED Tape is designed to cast no shadows, the flexible tape light boasts a desirable glow. Producing 70+ lumens, the low profile tape is the ideal for coves, architectural details, under and in cabinets, toe kicks, and back lighting. IP44 rated, the tape light can be used outdoors when not exposed to direct water spray. The tape is available in amber finish for dark surfaces and white finish for white or light surfaces.

FEATURES

- Lengths include 16' roll, 12" section, or 4" section
- Amber or White tape finish
- 70 lumens per foot
- 24V DC System
- Single color illumination in three colors temperatures (4200K, 3000K or 2700K)
- 120° Beam Angle
- Separable every 12", easily disconnected and connected without soldering
- Field cuttable every 4" or 6 LEDs
- Easy to install; pre applied 3M™ tape or additional mounting accessories available

INCLUDED WITH EVERY 16' ROLL

(1) 16' Tape Light Roll with 12" separable sections, (15) Acrylic Mounting Clips with screws [NATHR-685], and (1) 9" Power Line Interconnector [NATL-509].

INCLUDED WITH EVERY 16' KIT

(1) 16' Tape Light Roll, (15) Acrylic Mounting Clips with screws [NATHR-685], (1) 12" Power Line Interconnector [NATL-509], (5) Shrink Wrap Tubes [NATL-400] and (1) 24V 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 section comes with pre-applied 3M™ adhesive tape for simple installation. Optional aluminum 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 DC

Lumens / Wattage: 70lm / 1.65W per foot

Color Temperature: Cool White (4200K), Warm White (3000K) or Warm White (2700K)

Color Rendering Index: 80 or 90 CRI, must specify

Operating Temp.: -25°C to 45°C

Max Run Length: 64'

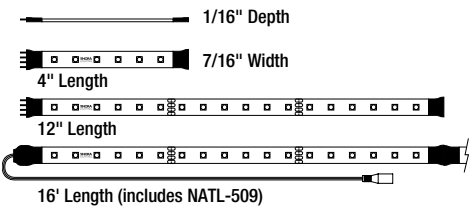
Dimming: Dimmable with Dimmable LED Driver

LISTINGS AND WARRANTY

- cULus Listed for Damp Location
- IP44 Rated
- [3-Year Limited Warranty](#)



PRODUCT IMAGES AND DIMENSIONS



24V Standard LED Tape Light

Catalog No.	CCT / CRI	Section Length
NUTP7-16LED = 16' Roll / Amber finish	27 = 2700K / 80 CRI	(blank) = 16' roll
NUTP7-LED = Section / Amber finish	30 = 3000K / 80 CRI	/4 = 4" Section
	42 = 4200K / 80 CRI	/12 = 12" Section
NUTP7-W16LED = 16' Roll / White finish	27 = 2700K / 80 CRI	(blank) = 16' roll
NUTP7-WLED = Section / White finish	30 = 3000K / 80 CRI	/4 = 4" Section
	42 = 4200K / 80 CRI	/12 = 12" Section
	927 = 2700K / 90 CRI	
	930 = 3000K / 90 CRI	
	942 = 4200K / 90 CRI	
NUTP7-W16LED = 16' Kit	927K = 2700K / 90 CRI	(blank) = 16' kit
	930K = 3000K / 90 CRI	
	942K = 4200K / 90 CRI	

Example: **NUTP7-WLED927/12** = 24V 12" Standard LED Tape Light, 2700K / 90+ CRI

NUTP7 Series

24V Standard LED Non-Encapsulated Tape Light Drivers and Accessories



"Y" Splitter Cable

NATL-300W 12V or 24V
Allows splitting the Tape Light from a run or driver, into two separate runs.



X-Splitter Cable

NATL-301W 12V or 24V
Allows splitting the Tape Light from a run or driver, into three separate runs.



12/24V 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 24V 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 24V 11" Cable
Allows individual switching on any Tape Light run, and connect LED Tape Light run directly to LED Driver. 24V cable is white & 12V cable is black.



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 B or W
Covers open end of Tape Light. Available in Black or White.



Clear Acrylic Mounting Clips

NATHR-685 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.



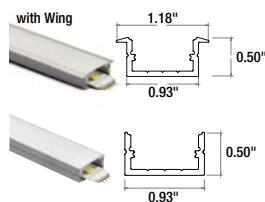
2' Wire Raceway

NATL-422 B or W
Field-cuttable plastic. Includes wire channel with double faced tape and cover. Available in Black or White.



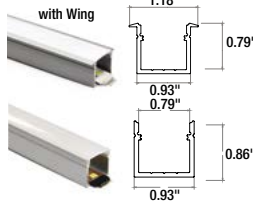
4' Plastic Channel

NATL-420B Black
NATL-420W White
Mounts Tape Light to various surfaces. Tape Light snaps into the channel. Field cuttable.



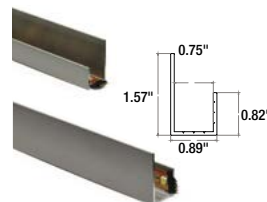
4' Shallow Channels

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.



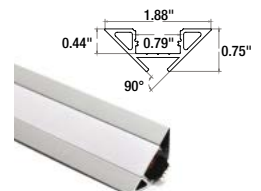
4' Deep Channels

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

NUTP7 Series
24V Standard LED Non-Encapsulated Tape Accessories



Direct Plug-In LED Driver
NATL-524W 24V 24W
NATL-545W 24V 45W
Input Voltage: 120V
Cable Length: 6 Feet



Direct Plug-In LED Driver
NATL-596W 24V 96W
Input Voltage: 120V
Input Wire: 5' Cord and Plug
Output Wire: 44" Out Wire



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 90W
Input Voltage: 120-277V
Dimming: 0-10V
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
Includes: (3 or 4) 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 12V or 24V output from a single gang box. 100-5% dimming and on/off switch.



Power Line Connector
NALTL-10 10' Cable
NALTL-30 30' Cable
For use with Class II drivers. Carries output from driver, requires power line interconnectors.



5" Power Line Splitter
NATL-302 B or W
Splits power line connector into two separate leads, requires power line cable. Available in Black or White.



Touch Dimmer with Memory
NATL-518W
72W max., no power fail memory, touch on/off and hold to dim.



DC Plug and 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



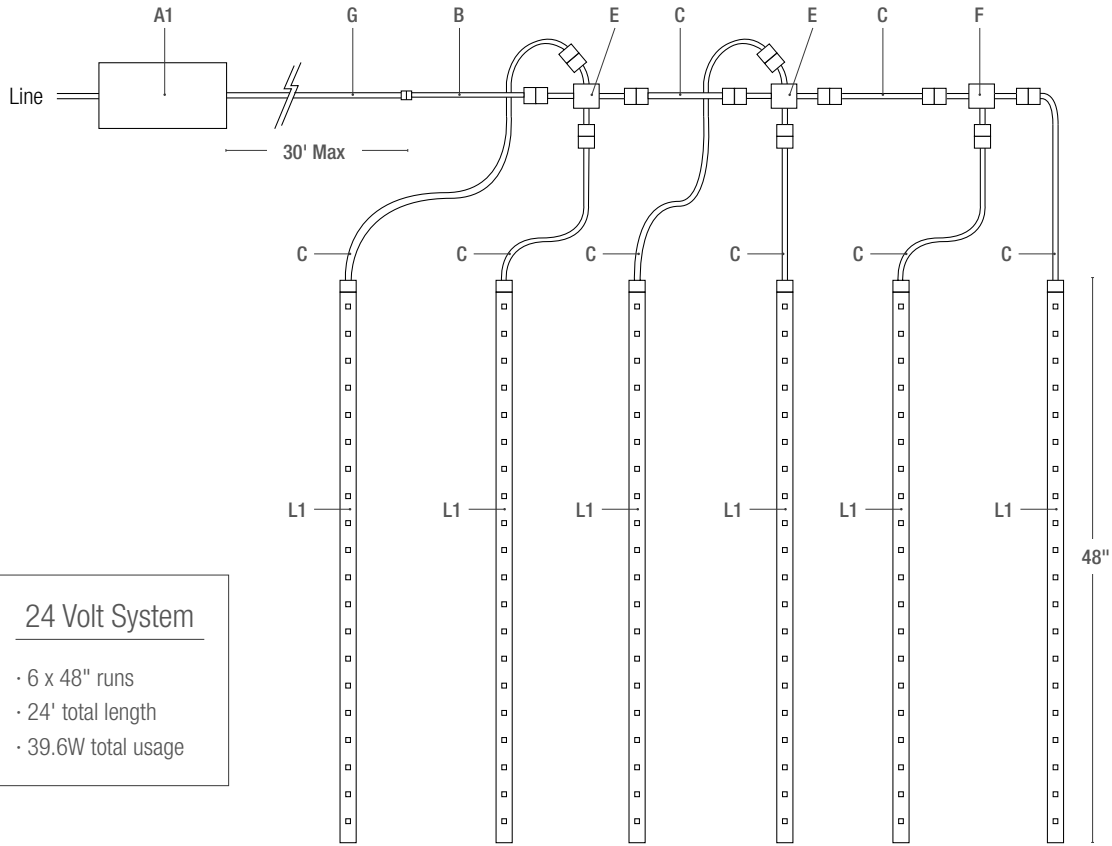
16AWG In-Wall Rated Wire
NATL-W16-2-250 16AWG 250'
NATL-W16-2-20 16AWG 20'
16 AWG low voltage Class II two-conductor, in-wall rated wire.



Wire Clip, Plastic - 10pk
NATL-404W J-Clip
NATL-405W Over the Wire
NATL-406W Square Clip

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24V Standard LED Non-Encapsulated Tape - Sample Layout



24 Volt System

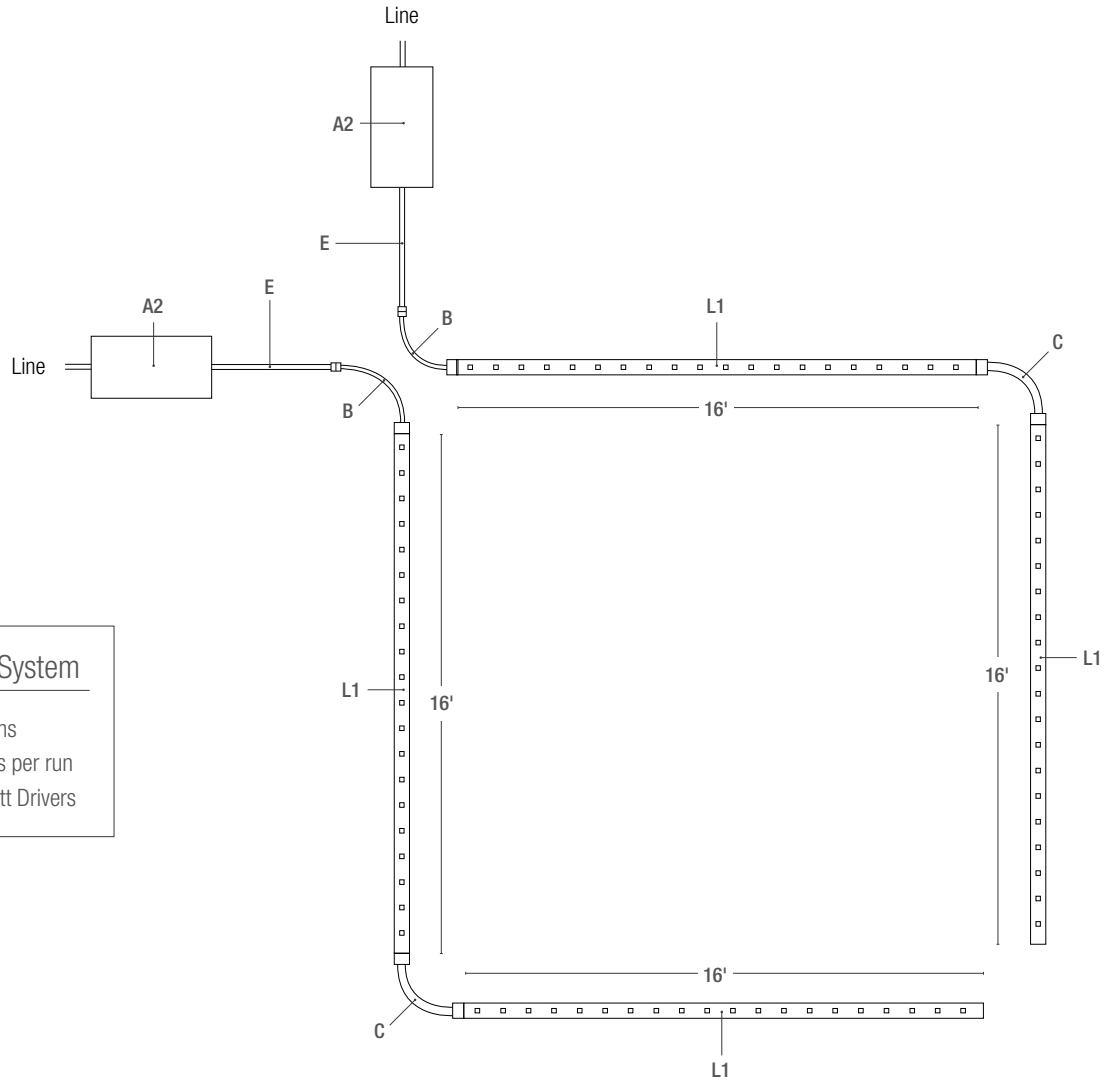
- 6 x 48" runs
- 24' total length
- 39.6W total usage

	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	NATL-202
	6" Interconnection Cable	NATL-206
	18" Interconnection Cable	NATL-218
	36" Interconnection Cable	NATL-236
	72" Interconnection Cable	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)	NALTL-10
	30' Power Line Connector	NALTL-30
L1	24V 48" LED Tape Light Segments (Each tape light roll contains (16) 12" detachable sections)	(1) NUTP7-W16LED(CCT) and (8) NUTP7-WLED(CCT)/12

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

NUTP7 Series

24V Standard LED Non-Encapsulated Tape - Sample Layout



24 Volt System

- 2 x 32' runs
- 52.8 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) NUTP7-W16LED(CCT)