# NUTP7 Series
## 24V Standard Non-Encapsulated LED Tape Light
Source: 1.5W/ft. LED
         80lm/ft.

| Type | |
|---|---|
| Project | |
| Catalog No. | |
| Notes | |

## 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.

## FEATURES

· Available in 16' kit, 16' roll, 12" section, and 4" section
· 80 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/kit)
· Single color illumination in three color temperatures (2700K, 3000K or 4200K)
· 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 tape can be cut every 4" or 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 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
**Light Source:** 18 LEDs per foot
**Lumens / Wattage:** 80lm / 1.5W per foot
**Color Temperature:** 2700K (Warm White), 3000K (Warm White) or 4200K (Cool White)
**Color Rendering Index:** 90 CRI
**Operating Temperature:** -25°C to 45°C
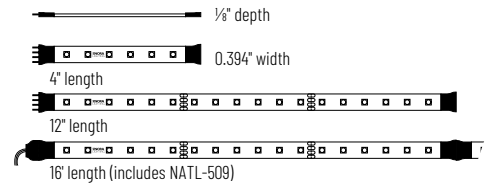**Dimming:** Dimmable with Dimmable LED Driver
**Maximum Run Length:** 64'

## LABELS AND LISTINGS

· cULus Listed for Damp Locations
· 3-Year Limited Warranty

### PRODUCT IMAGES & DIMENSIONS



⅛" depth
0.394" width
4" length
12" length
16' length (includes NATL-509)

## 24V Standard Non-Encapsulated LED Tape Light

| Length / Finish | CCT / CRI | Section Length |
|---|---|---|
| **NUTP7-W16LED** = 16' Roll / White finish | **927** = 2700K / 90 CRI | **(blank)** = 16' Roll |
| **NUTP7-WLED** = Section / White finish | **930** = 3000K / 90 CRI | **/4** = 4" Section |
| | **942** = 4200K / 90 CRI | **/12** = 12" Section |
| **NUTP7-W16LED** = 16' Kit | **927K** = 2700K / 90 CRI | **(blank)** = 16' Kit with LED Driver |
| | **930K** = 3000K / 90 CRI | |
| | **942K** = 4200K / 90 CRI | |

Example: **NUTP7-WLED930/12** = 12" 24V Standard LED Tape Light, 3000K / 90 CRI

# NUTP7 Series
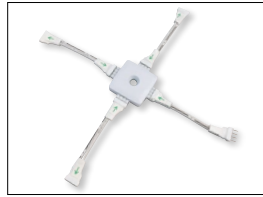## 24V Standard Non-Encapsulated LED Tape Light Accessories
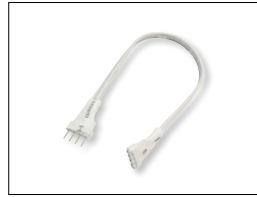
**"Y" Splitter Cable**

**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.
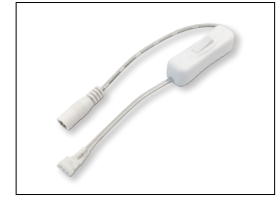


**Power Line Interconnector with On/Off Switch**

**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**

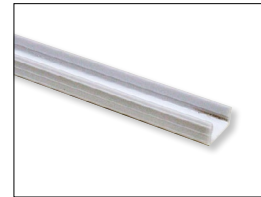| | |
|---|---|
| **NATL-403** | Black |
| **NATL-403W** | White |

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.



**4' Plastic Channel**

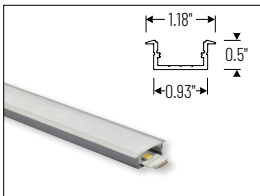| | |
|---|---|
| **NATL-420B** | Black |
| **NATL-420W** | White |

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



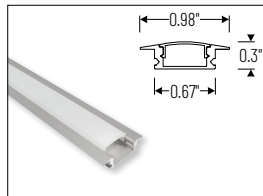**Mounting Clips for Channels**

**NATL-CMC**     Pack of 15

Mounting clips for NATL-C23, NATL-C24 and NATL-C27. Pack includes 15 mounting clips.



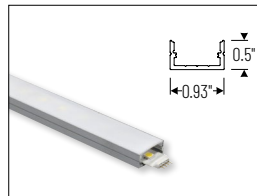**4' Shallow Recessed Channel**

**NATL-C23A**     Aluminum

Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.



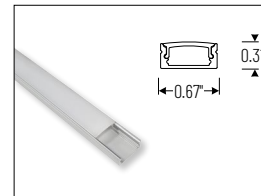**4' Shallow Recessed Channel**

**NATL2-C23A**     Aluminum

Used to mount tape light recessed in a surface. Diffused lens, end caps and mounting hardware are included. Field cuttable.



**4' Shallow Channels**

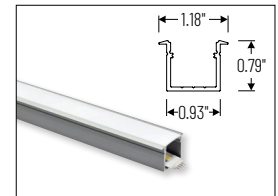| | |
|---|---|
| **NATL-C24A** | Aluminum |
| **NATL-C24B** | Black |
| **NATL-C24W** | White |

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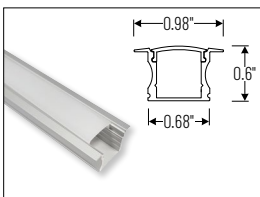


**4' Shallow Channel**

**NATL2-C24A**     Aluminum

Used to mount tape light to various surfaces. Diffused lens, end caps and mounting hardware are included. Field cuttable.
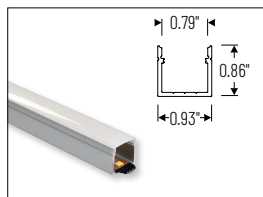


**4' Deep Recessed Channel**

**NATL-C25A**     Aluminum

Used to mount tape light recessed in a surface. Plastic diffuser and end caps included. Field cuttable.
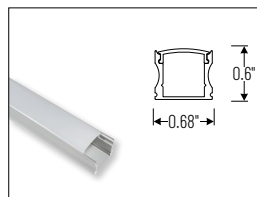


**4' Deep Recessed Channel**

**NATL2-C25A**     Aluminum

Used to mount tape light recessed in a surface. Diffused lens, end caps and mounting hardware are included. Field cuttable.



**4' Deep Channels**

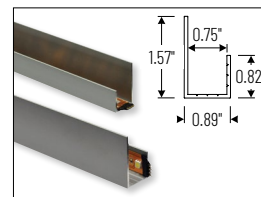| | |
|---|---|
| **NATL-C26A** | Aluminum |
| **NATL-C26W** | White |

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



**4' Deep Channel**

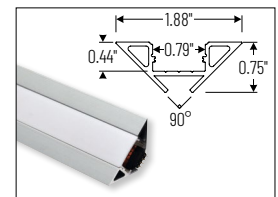**NATL2-C26A**     Aluminum

Used to mount tape light to various surfaces. Diffused lens, end caps and mounting hardware are included. Field cuttable.



**4' J-Style Channel**

**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

**NORA LIGHTING®**

# NUTP7 Series
## 24V Standard Non-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-5100HW | 24V 81.6W |
|---|---|

**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 81.6W |
|---|---|

**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 | 120V/24V |
|---|---|
| NMT-303/24C2D2 | 277V/24V |

**Input Voltage:** 120V or 277V
**Dimming:** Magnetic Low Voltage
**Breakers:** (3) 100W
**NOTE:** Power Line Connector(s) not included



**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
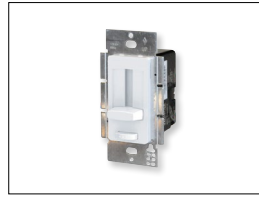


**NEXUS® All-in-One LED Driver and Dimmer**

| NATL-SWEX60/24A | 24V 60W |
|---|---|
| NATL-SWEX100/24A | 24V 100W |

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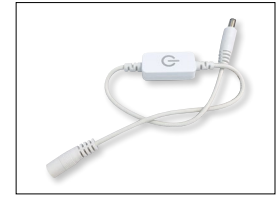100-5% dimming and on/off switch.



**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.
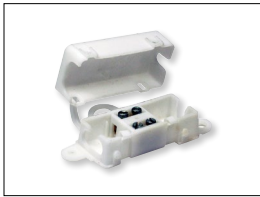
| NATL-302W | 5" Splitter |
|---|---|

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.



**Low Voltage Splice Box**

**NATL-415W**

Use to join low voltage lead to power line connector.



**Terminal 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 | |



**Wire Clip, Plastic - 10pk**

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



**2' Wire Raceway**

| NATL-422B | Black |
|---|---|
| NATL-422W | White |

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

Type

Project

Catalog No.

122823P4

Notes
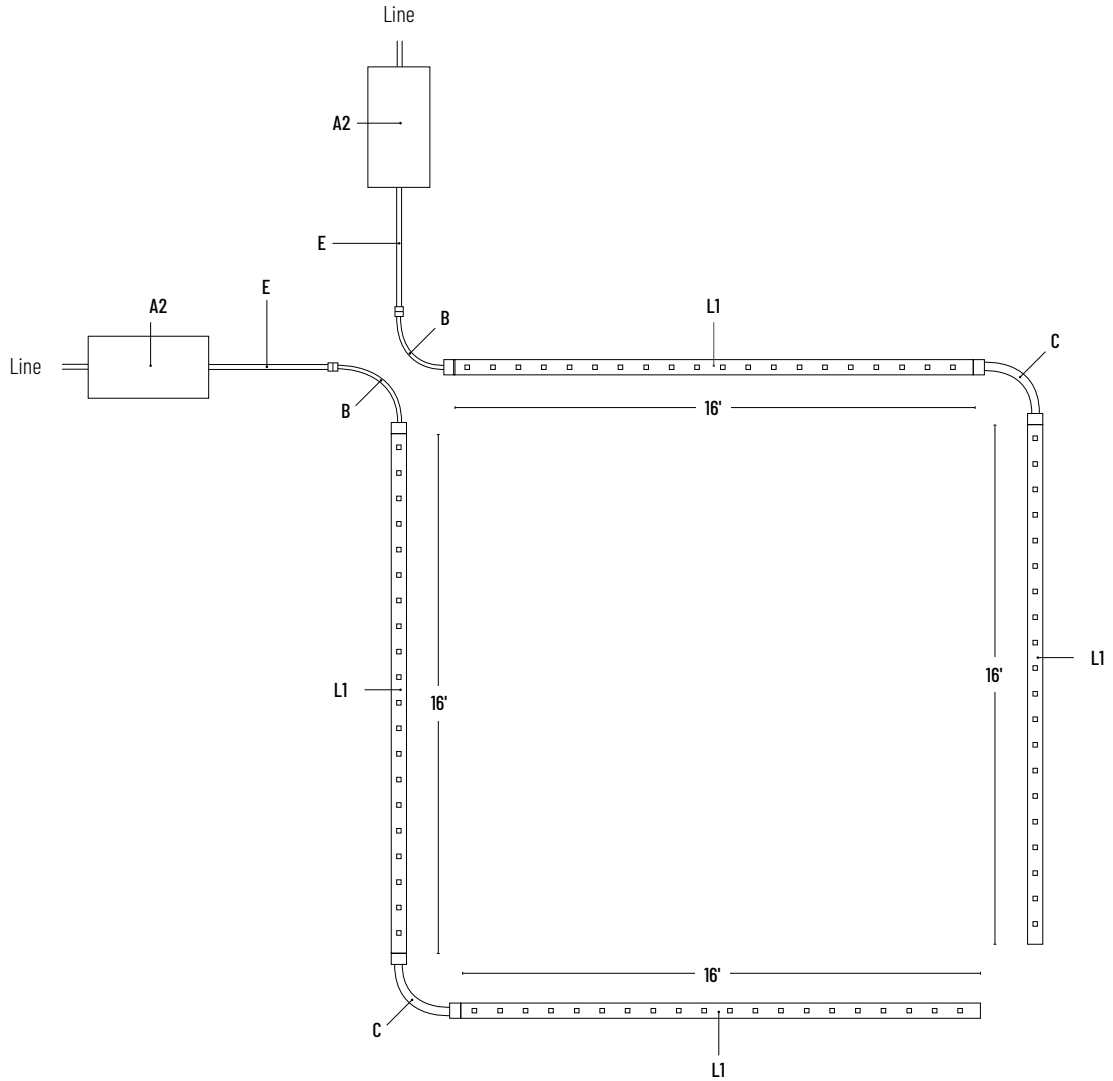


| | DESCRIPTION | ITEM # |
|---|---|---|
| A2 | 24V 60W Dimmable Class II Hardwire LED Driver | NMTD-60/24D |
| B | 24V 9" Power Line Interconnector (one included with each Tape Light roll) | NATL-509 |
| C | 2" Interconnection Cable<br>6" Interconnection Cable<br>18" Interconnection Cable<br>36" Interconnection Cable<br>72" Interconnection Cable | NATL-202<br>NATL-206<br>NATL-218<br>NATL-236<br>NATL-272 |
| E | 10' Power Line Connector (one included with Class II drivers)<br>30' Power Line Connector | NALTL-10<br>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) |
| *Note: All drivers require power line interconnector to connect to tape. | | |

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