NUTP81 Series

24V Continuous High Output LED Tape Light
Source: 4.1W/ft. LED
310lm/ft.

Type	
Project	
Catalog No.	
Notes	

PRODUCT DESCRIPTION

High Output Continuous LED Tape is the perfect solution when you need more light than Standard LED Tape. Producing 310 lumens per foot, the High Output Continuous LED Tape uses the same connectors and accessories as the Continuous Hy-Brite LED Tape. The low profile tape is the ideal for coves, architectural details, under and in cabinets, toe kicks, and back lighting.

FEATURES
· 20' or 100' Spool - Economical and Efficient
· 24V DC system
· 310 lumens per foot
· Single color illumination in three color temperatures (2700K, 3000K or 4200K)
· Field cuttable every 4" or 6 LEDs
. Easy to install; pre-applied 3M™ tape or acrylic mounting clips (included)

INCLUDED WITH EVERY 100' ROLL
(1) 100' Tape Light Roll, (50) Acrylic Mounting Clips with screws and (1) 12" Power Line Interconnector

INCLUDED WITH EVERY 20' ROLL
(1) 20' Tape Light Roll, (10) Acrylic Mounting Clips with screws and (1) 12" Power Line Interconnector

SPECIFICATION
Construction: The Contiunuous LED Tape can be cut every 6 LEDs at marked 4" intervals, cutting does not effect circuit. Easy flip style snap-on connectors connect to the cut ends.

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: 310lm / 4.1W per foot
Color Temperature: 2700K, 3000K or 4200K
Color Rendering Index: 90+ CRI
Operating Temperature: -25°C to 45°C
Dimming: Dimmable with Dimmable LED Driver
Maximum Run Length: 24' max run (continuous tape – not cut) or 20' max run (with connecting sections)

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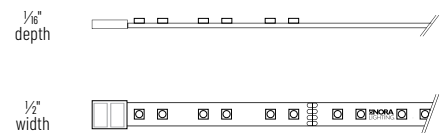· cULus Listed for Damp Location
· 3-Year Limited Warranty

PRODUCT IMAGES & DIMENSIONS

NUTP51-W20LED
20' Roll

NUTP51-W100LED
100' Roll

1/16" depth

1/2" width

24V Continuous High Output LED Tape Light

Length	CCT / CRI
NUTP81-W20LED = 20' Roll	**927** = 2700K / 90 CRI
NUTP81-W100LED = 100' Roll	**930** = 3000K / 90 CRI
NUTP81-WFTLED = Custom Cut (specify ft.)	**942** = 4200K / 90 CRI

Example: **NUTP81-W100LED930** = 100' 24V Continuous High Output LED Tape Light, 3000K / 90 CRI

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NUTP81 Series
24V Continuous High Output LED Tape Light Accessories

Flip Type DC Plug Connector

NATLCFC-609/3A	3"
NATLCFC-609/12A	12"
NATLCFC-609/48A	48"
NATLCFC-609/96A	96"

Flip connector connects NUTP81 series to a driver.

Flip Type Splice Connector

NATLCFC-608/3A	3"
NATLCFC-608/12A	12"
NATLCFC-608/48A	48"
NATLCFC-608/96A	96"

Flip connector connects NUTP81 series to 24V input source (No DC plug)

Flip Type Interconnector Cable

NATLCFC-603A	3"
NATLCFC-606A	6"
NATLCFC-612A	12"
NATLCFC-624A	24"
NATLCFC-648A	48"
NATLCFC-672A	72"
NATLCFC-696A	96"

Allows easy linking of two pieces of NUTP81 series. Cables are flexible and can be moved in any direction.

Flip Type Link Connector

NATLCFC-600A	12mm

Allows connecting two pieces of NUTP81 series

Clear Acrylic Mounting Clips
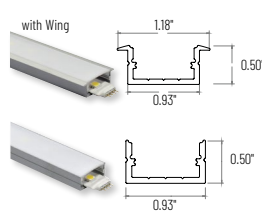
NATHR-685	Pack of 15

Use in conjunction with adhesive backing to attach Tape Light to a surface. Clear acrylic mounting clips are included with every Tape Light roll.
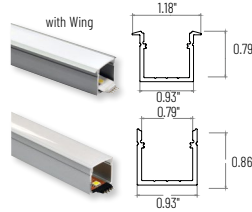
4' Channel

NATHR-680	Aluminum

Mounts Tape Light to various surfaces. 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

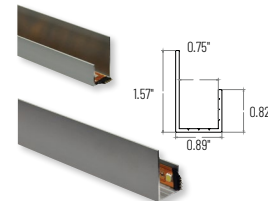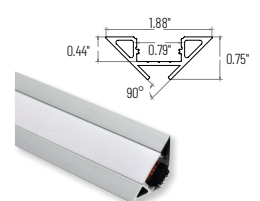|	
NATL-C25A	Aluminum w/Wing
NATL-C26A	Aluminum
NATL-C26B	Black
NATL-C26W	White

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

Mounting Clips for Channels

NATL-CMC	Pack of 15

Mounting clips for NATL-C23, NATL-C24 and NATL-CC27. Pack includes 15 mounting clips.

NUTP81 Series
24V Continuous High Output 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 81.6W

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

Class II Hardwire LED Driver O-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 / Motion Sensor

| NATL-518W | |

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

| NAL-856W | Motion Sensor |

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

2' Wire Raceway

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

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

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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