LINEAR / ACCENT
LIGHTBAR, TAPE, PUCK, UNDERCABINET
Nora’s family of products for linear, accent, or discrete general lighting is limited in application only by the lighting designer’s imagination. These fixtures are compact in design and meet various energy requirements while achieving desired lighting effects. Lighting can be specified in a variety of applications including, under cabinet, niche, display, cabinet, shelf, closet, furniture, cove, under bar top, toe-kick or other applications where drama and accent lighting are used to define a space. Linear applications are solved with Silk SBC Lightbar, LEDUR Under Cabinet, Bravo Frost Linear, Tape Light, M1 miniature downlights and Puck Lights. Nora’s linear and accent lighting is an excellent choice for today’s green energy-efficient environment.

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Silk SBC LED Lightbar eliminates the diode image to provide uniform reflectance of light without the hot spots generated by direct view mounted LEDs. Solid Bus Connectors (SBC) provide a rigid connection between bars, while the flush mount adjustable mounting brackets allow complete zero to 90-degree adjustment. Silk can be used in under cabinet, in cabinet, cove, display, and general commercial, retail and residential lighting applications.

**FEATURES:**
- Uniform reflectance with NO diode image
- 350 lumens and 5W per foot
- Dedicated CCT (3000K or 4000K) at 90+ CRI
- Five different lengths: 6”, 12”, 24”, 36” and 48”
- Easy installation with flush mount 0˚-90˚ adjustable mounting brackets (included)
- Solid Bus Connector (SBC) included
- Dimmable with dimmable power supply
- Aluminum and Black (special order) finish
- Can be connected up to 20’ per run

**ELECTRICAL:**
- Voltage: 24V
- Lumens/Wattage Per Foot: 350lm / 5W
- Color Temperature: 2700K, 3000K, 4000K
- Color Rendering Index: 90+ CRI
- Dimming: Specified by driver
- Max Run Length: 20’

**INCLUDED WITH EVERY LIGHTBAR:**
- (1) End to End Connector (NAL-800)
- (2-3) Flat Mounting Clips (NAL-801)
- (2-3) 0˚-90˚ Adjustable Mounting Clips (NAL-809)
  - 6”, 12”, 24” Silk Lightbars include two clips;
  - 36” and 48” Silk Lightbars include three clips

**MOUNTING:** Each Lightbar includes flat and adjustable mounting clips allowing aiming angles from 0˚ to 90˚. Additional angled or 180˚ adjustable mounting clips are available, see accessories.

**FINISH:** Natural Aluminum or Black (special order)

**DRIVER:** Required — direct plug-in, Class II, and Dimmable Class II available.

**LISTINGS & WARRANTY:**
- cULus Listed for Dry Location
- ENERGY STAR certified
- 5-Year Limited Warranty

**SILK SBC LED LIGHTBAR**

<table>
<thead>
<tr>
<th>SERIES / LENGTH / WATT</th>
<th>CCT</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NULB-806LED 6” / 7W</td>
<td>930</td>
<td>A</td>
</tr>
<tr>
<td>NULB-812LED 12” / 10W</td>
<td>940</td>
<td>A</td>
</tr>
<tr>
<td>NULB-824LED 24” / 13W</td>
<td>3000K</td>
<td>A</td>
</tr>
<tr>
<td>NULB-836LED 36” / 16W</td>
<td>4000K</td>
<td>A</td>
</tr>
<tr>
<td>NULB-848LED 48” / 16W</td>
<td>4000K</td>
<td>A/B</td>
</tr>
</tbody>
</table>

Example: NULB-824LED930A
24” Silk SBC Lightbar, 3000K / 90+CRI, Aluminum finish

Included Solid Bus Connector (SBC) provides rigid connection between bars.

Mount with angled or adjustable brackets for flexibility. Two to three flat and 0˚ to 90˚ adjustable brackets included with each lightbar.
SILK SBC LED LIGHTBAR ACCESSORIES

Mounting Clip
NAL-801  Flat Mount
NAL-809 0-90° Adj. Mount
Flat and 0-90° Adjustable clips included with each lightbar.

SBC Power Line Cable
NAL-808/24W  24”
NAL-808/72W  72”

SBC Power Line Cable
NAL-810/12W  12”
NAL-810/72W  72”
Open wire

SBC Power Line Cable with Terminal Block
NAL-812TBW  12”
NAL-872TBW  72”
14AWG-22AWG

SBC Side Power Line Cable
NAL-807W  12”
NAL-807LW  Left 12”
NAL-807/72W  72”
NAL-807/72LW  Left 72”
Open wire

Mounting Clip
NAL-845  45° Mount

In-Line Motion Sensor
NAL-830
L: 2.5”, W: 0.75”, H: 0.35”
12” Max activation distance; 20 second auto off; 120˚ detection zone; Max Load 4A

In-Line Touch Dimmer Control
NAL-955
Tap once for 100%, twice for 75%, third time for 50%, fourth for 25% and fifth for off. No power failure memory.

Class II Driver:
ELV dimming
NALLED-5040HW  24V 40W
NALLED-5075HW  24V 75W

SBC Power Line Cable
NAL-811/12W  12”
NAL-811/12LW  Left 12”
NAL-811/72W  72”
NAL-811/72LW  Left 72”
Open wire

NEXUS® All-in-One LED Driver and Dimmer
NATL-SWEX60/24A  24V 60W
NATL-SWEX100/24A  24V 100W

Direct Plug-In LED Driver
NAL-524W  24V 24W
NAL-545W  24V 45W

Direct Plug-In LED Driver
NAL-596W  24V 96W

Class II Driver: Non-Dimming
NALLED-5100HW  24V 81.6W

Class II Driver: 0-10V dimming
NALLED-5096-24-HWD10  24V 81.6W

Low Voltage Splice Box
NALT-415W

Class II Driver with Breakers:
MLV dimming
NMT-303/24C2D01  120/24V 300W
NMT-303/24C2D02  277/24V 300W

Class II Driver with Regulator:
MLV dimming
NMTD-60/24D  24V 60W
NMTD-96/24D  24V 96W

Power Line Connector
NALTL-10  10 Cable
NALTL-30  30 Cable

Flex SBC Interconnection Cable
NAL-802W  2”
NAL-806W  6”
NAL-812W  12”
NAL-824W  24”
NAL-872W  72”

Terminal Block
NAL-407  4-Way
NAL-408  8-Way
SILK SBC LED LIGHTBAR SAMPLE LAYOUTS

**DESCRIPTION** | **ITEM #**
--- | ---
A1 | 45W Plug-In Driver NATL-545W
A2 | 81.6W Class II Hardwire LED Driver NATL-5100HW
B | 90˚ Power Line Cable (12” Cable) NAL-807W
90˚ Power Line Cable (72” Cable) NAL-807/72W
Straight Power Line Cable (24” Cable) NAL-808/24W
Straight Power Line Cable (72” Cable) NAL-808/72W
C | End-to-End Connector (included with each Lightbar) NAL-800
D | 2” Interconnection Cable NAL-802W
6” Interconnection Cable NAL-806W
12” Interconnection Cable NAL-812W
24” Interconnection Cable NAL-824W
72” Interconnection Cable NAL-872W
E | 10’ Power Line Connector (one included with Class II HW drivers) NALTL-10
30’ Power Line Connector NALTL-30
F1 | 6” LED Silk SBC Lightbar NULB-806LED
F2 | 12” LED Silk SBC Lightbar NULB-812LED
F3 | 24” LED Silk SBC Lightbar NULB-824LED
F4 | 36” LED Silk SBC Lightbar NULB-836LED
F5 | 48” LED Silk SBC Lightbar NULB-848LED

**10.5’ / 52.5 Watts**

**5.5’ / 27.5 Watts**
The LEDUR series of undercabinet lighting is now available in a Tunable White version that allows the end user to select between kelvin temperatures at time of installation with a three-position switch. LEDUR’s built-in LED driver, captive mounting screws, and large knockout plate in the back makes LEDUR easy to install. A heavily frosted lens diffuses the LED image and softens the light output.

FEATURES:
- Designated CCT or Tunable White switch
- Up to 475 Lumens per foot
- 7 Watts average per foot
- 90+ CRI
- Frosted Lens / No Diode Image
- Dimmable
- Built-in On/Off switch
- White or Bronze finishes
- Less than 1" in depth
- Each unit can be hardwired with Romex feed
- Each unit includes Romex™ Connector
- Easy to mount with captive screws
- Linkable up to 400 Watts

INPUT VOLTAGE: 120V
LUMENS / WATTAGE: Up to 475lm / 7W per foot
COLOR TEMPERATURE:
- Warm White (2700K, 3000K, 3500K)
- Cool White (4000K, 5000K)
CRI: 90+ CRI
MAXIMUM RUN LENGTH: 400W max.
DIMMING: ELV

INCLUDED: Captive screws make mounting easy and quick.

FINISHES: Bronze (BZ) or White (WH)

LISTINGS & WARRANTY:
- cULus Listed for Dry Location
- ENERGY STAR® Certified
- Certified to the high efficacy requirements of California Title 24, Part 6, and ASABE-2022
- 5-Year Limited Warranty

LEDUR LED LINEAR (350LM PER FT.)

<table>
<thead>
<tr>
<th>SERIES / LENGTH / WATT</th>
<th>CCT</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUD-8808 8” / 4.5W</td>
<td>3000K</td>
<td>BZ</td>
</tr>
<tr>
<td>NUD-8811 11” / 6.7W</td>
<td>3000K</td>
<td>WH</td>
</tr>
<tr>
<td>NUD-8818 18” / 11W</td>
<td>3000K</td>
<td>WH</td>
</tr>
<tr>
<td>NUD-8822 22” / 12W</td>
<td>3000K</td>
<td>WH</td>
</tr>
<tr>
<td>NUD-8832 32-3/4” / 16W</td>
<td>3000K</td>
<td>WH</td>
</tr>
<tr>
<td>NUD-8842 42” / 20W</td>
<td>3000K</td>
<td>WH</td>
</tr>
</tbody>
</table>

Example: NUD-8811/30WH 11” LEDUR Under Cabinet, 3000K, White finish

LEDUR TW LED LINEAR (475LM PER FT.)

<table>
<thead>
<tr>
<th>SERIES / LENGTH / WATT</th>
<th>CCT</th>
<th>FINISH</th>
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<tbody>
<tr>
<td>NUDTW-8811 11” / 7W</td>
<td>23345</td>
<td>BZ</td>
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<td>NUDTW-8818 18” / 9W</td>
<td>23345</td>
<td>WH</td>
</tr>
<tr>
<td>NUDTW-8822 22” / 11W</td>
<td>23345</td>
<td>WH</td>
</tr>
<tr>
<td>NUDTW-8832 32” / 16W</td>
<td>23345</td>
<td>WH</td>
</tr>
<tr>
<td>NUDTW-8842 42” / 20W</td>
<td>23345</td>
<td>WH</td>
</tr>
</tbody>
</table>


LEDUR & LEDUR TW ACCESSORIES

Note: Luminaire can be hardwired or with accessories to power run.
LINEAR UNDER CABINET

BRAVO FROST TW LED LINEAR 120V

Low profile LED Bravo FROST offers a diode image-free linear lighting solution for residential and commercial use. Less than 1” in depth, luminaires can be installed under cabinets, within shelves and displays cases, and architectural coves. An encapsulated 120V dimmable LED driver in each unit allows extended runs and easier installation. 0˚ to 90˚ adjustable mounting brackets are included.

FEATURES:
- Architectural extruded aluminum construction
- Symmetrical internal reflectors produce broad, even light
- Frosted lens eliminates LED diode image
- 120V linear system
- 850 lumens / 10W per foot
- 90+ CRI
- Field Selectable CCT (3000K, 3500K or 4000K)
- Available in 4 different lengths: 12”, 16”, 24” or 32”
- Dimmable
- Linkable up to 270 Watts fixtures (about 27ft.)
- Less than 1” depth
- Self contained electronic driver in each unit
- 0˚ to 90˚ adjustable mounting brackets included

ELECTRICAL:
- Input Voltage: 120V
- Lumens / Wattage: 850lm / 10W per foot
- Color Temperature: Field Selectable CCT (3000K, 3500K or 4000K)
- CRI: 90+ CRI
- Maximum Run Length: 270W max.
- Dimming: Triac or ELV

MOUNTING: Adjustable mounting brackets 0˚-90˚ (included).

INCLUDED: (2) adjustable mounting brackets and (1) end-to-end connector included with each fixture.

FINISHES: White (W)

LISTINGS & WARRANTY:
- cULus Listed for Dry Location
- ENERGY STAR® Certified
- Certified to the high efficacy requirements of California Title 24 JAB-2022
- 5-Year Limited Warranty

BRAVO FROST TW ACCESSORIES

Junction Box with On/Off Switch
NUA-902W White
Used to power NUDTW-98 Series using jumper cable or NUA-904W (Hardwire Connector).
Length: 6-1/4” W: 3-1/8” H: 1”

3-Wire Hardwire Connector
NUA-904W 72” White
2-Wire connector used to hardwire fixture to NUA-98 (Junction Box).

Cord and Plug
NUA-905W 72” White
6’ Grounded AC power cord to connect fixture to an outlet.

Jumper Cables
NUA-906W 6’ White
NUA-912W 12’ White
NUA-924W 24’ White
NUA-972W 72’ White
Used to join two fixtures together or to NUA-98 (Junction Box).

Adjustable Mounting Brackets
NUA-909W set of 2 White
Set of two brackets used fixture between 0˚ to 90˚. Two brackets are included with each fixture.

Example: NUDTW-9812/W
12” Bravo FROST Tunable White LED Linear, Selectable CCT (3000K / 3500K / 4000K), White finish

90˚ Adjustability with included mounting bracket
NULS LED is an economical way to provide linear lighting in undercabinet, cove, or general lighting applications. The 3-wire system meets most code requirements. Providing bright even illumination, the NULS LED is a perfect solution for energy efficient linear lighting.

**FEATURES:**
- Slim low profile construction
- Frosted lens eliminates LED diode image
- 120V linear system
- 5W produces 525 lumens per foot
- 80+ CRI
- 2700K, 3000K or 4000K
- Dimmable
- Mounting hardware and end-to-end connector included with each fixture
- DLC Listed
- cULus Listed

**ELECTRICAL:**
- Input Voltage: 120V
- Lumens: 525lm per foot
- Wattage: 11" / 4W; 21" / 8W; 33" / 12W; 44-13/16" / 16W
- Color Temperature: 2700K, 3000K or 4000K
- Color Rendering Index: 80+CRI
- Maximum Run Length: 120W
- Dimming: Triac or ELV

**MOUNTING:** Mounting hardware included with each unit. Luminaire has an input and output on opposite ends.

**INCLUDED:**
- (2) mounting brackets and (1) end-to-end connector included with each fixture.

**FINISHES:** White (W)

**LISTINGS & WARRANTY:**
- cULus Listed for Dry Location
- DLC Listed
- 5 Year Limited Warranty

---

**NULS LED LINEAR ACCESSORIES**

*Note: Each run requires junction box, hardwire connector or cord and plug to power run.*

**Junction Box**
- NULSA-JBOX
  - Junction box used to power NULS using jumper cable or NULSA-272-HWC (Hardwire Connector)
  - L: 4" W: 1-1/2" H: 1"

**3-Wire 72" Hardwire Connector**
- NULSA-272-HWC
  - 72" 3-Wire connector used to hardware fixture to NULSA-JBOX (Junction Box)

**3-Wire 72" Cord and Plug**
- NULSA-106
  - 72" Grounded AC power cord to connect fixture to an outlet.

**Jumper Cables**
- NULSA-206 6"
- NULSA-212 12"
- NULSA-218 18"
- NULSA-206-90 6" 90˚
- NULSA-212-90 12" 90˚
- NULSA-218-90 18" 90˚

Used to join two fixtures together or to junction box. Can be joined together to make custom lengths.

**Magnetic Mounting Brackets**
- NULSA-MAGMC
  - set of 2
  - For easy mounting to metal shelves, cabinets or surface.

**Hardware Kit**
- NULSA-MTGKIT
  - Included with each fixture.
11 Styles of LED Tape Light
LIGHTING DESIGN ONLY LIMITED BY YOUR IMAGINATION

Nora Lighting offers one of the largest selections of LED tape light in the industry. The selection includes a wide variety of outputs and a large selection of installation accessories for large and small jobs. LED tape’s small profile, even light distribution and low cost make it the specifier’s and lighting designer’s choice for lighting applications from A to Z.

FEATURES
• Each tape roll includes power line connector
• Available in 10’ (HO, RGBW), 16’, 20’ and 100’ rolls
• No soldering / cuttable / 3M™ adhesive back
• Each tape roll consists of tape separable every 12” (except COB, Comfort Dim and Continuous Roll: which are cuttable only)
• Available in 4”, 6” (RGB + RGBW) and 12” sections (except COB, Comfort Dim and Continuous Roll: which are available in rolls only)

SINGLE COLOR

1. IP65 RATED
   NUTP13 SERIES 120V - 330 LUMENS / 3.6W PER FOOT
2. COB HIGH OUTPUT
   NUTP14 SERIES 24V - 450 LUMENS / 4.5W PER FOOT
3. STANDARD
   NUTP1 SERIES 24V - 70 LUMENS / 1.5W PER FOOT
   NUTP4 SERIES 12V - 100 LUMENS / 2.25W PER FOOT
   NUTP7 SERIES 24V - 80 LUMENS / 1.5W PER FOOT
4. SIDE-LIT
   NUTP8 SERIES 24V - 70 LUMENS / 1.05W PER FOOT
5. HY-BRITE
   NUTP5 SERIES 24V - 375 LUMENS / 4.25W PER FOOT
6. HIGH OUTPUT
   NUTP8 SERIES 24V - 450 LUMENS / 6.5W PER FOOT
7. CONTINUOUS ROLL
   NUTP71 SERIES 24V - 80 LUMENS / 1.5W PER FOOT
   NUTPS1 SERIES 24V - 375 LUMENS / 4.25W PER FOOT
   NUTP81 SERIES 24V - 450 LUMENS / 6.5W PER FOOT

MULTI COLOR

8. COMFORT DIM
   NUTP12 SERIES 24V - 16’ ROLL ONLY
   170 LUMENS / 2.44W PER FOOT
9. RGB COLOR CHANGING
   NUTP3 SERIES 24V
   NUTP6 SERIES 12V
   SILICONE ENCAPSULATED
10. RGBW COLOR CHANGING + WHITE
    NUTP11 SERIES 24V - SEPARATE 30K DIODE
11. CCT COLOR TUNING
    NUTP10 SERIES 24V - 2500K TO 4500K
LED TAPE LIGHT • SINGLE COLOR

120V IP65 LED TAPE LIGHT  120VAC 3.6W/FT

120VAC IP65 Rated LED Tape is the perfect solution for indoor or outdoor applications without the need for LED drivers. Producing up to 330 lumens per foot, tape light can be ordered with cord and plug, or hardwired for dimming. The low profile tape is the ideal for coves, architectural details, under and in cabinets, toe kicks, and back lighting.

FEATURES:
- IP65 rated for wet locations
- 120VAC system - integrated LED driver
- Hardwired or Cord & Plug
- 330 lumens / 3.6W per foot
- Dedicated CCT (2700K, 3000K or 4000K)
- Available in custom runs up to 150’
- Factory installed & NOT cuttable
- Sold and shipped as complete system
- Mounting clips included, channels are available

MOUNTING: Optional aluminum channels and mounting clips are available. Recommend mounting clip distance is 1’ apart.

ACCESSORIES: Tape light is recommended to be used with surge protector accessory when installed outdoors or longer run lengths. Factory installed accessories must be ordered together and FACTORY INSTALLED.

LISTINGS & WARRANTY:
- ETLus Listed for Wet Location
- IP65 rated
- RoHS compliant
- 3-Year Limited Warranty for Outdoor Applications
- 5-Year Limited Warranty for Indoor Applications
- 3 Year Limited Warranty

ELECTRICAL:
- Voltage: 120VAC
- Wattage: 3.6W per foot
- Lumens: 330lm per foot
- Color Temperature: 2700K, 3000K or 4000K
- Color Rendering Index: 90+ CRI
- Maximum Run Length: 150’ per power feed
- Dimming: Triac

CONTINUOUS IP65 RATED TAPE ACCESSORIES

Built-In Surge Protector
/CPS
/HWSP
/HWSP

Surge Protector
NATL-IP65/SP

3M™ Adhesive Tape
NUTP13-ADHTAPE

4' Deep Channel
NATL-CIP25A
Aluminium w/ wing
NATL-CIP26A
Aluminium
NATL-CIP26B
Black
NATL-CIP26W
White

Extension Cord
NATL-IP65/EW-06
6”

90° Connector
NATL-IP65/C90-L 90° Left
NATL-IP65/C90-R 90° Right

Mounting Clips (Pack of 2)
NATL-IP65Z
Clear
Two included per foot

Example: NUTP13-W150-12-930/CP
150’ 120VAC IP65 LED Tape Light Roll, 3.6W per ft., 3000K, Cord & Plug

Custom cut: Must specify length (x=ft. / y= inches) 4” increments only.

Scan for more info.

120VAC IP65 LED TAPE LIGHT

SINGLE LENGTH (SEE PAGE 15 FOR SYSTEM) CCT POWER CORD
NUTP13-W150-12 150’ Roll -927 2700K /HW /HWSP
-930 3000K /HW /HWSP
-940 4000K /HW /HWSP

Built in surge protector is used to protect LED tape light from voltage variations. 8’ power cord can be hardwired for dimming or plug for standard outlets. Factory installed.

External surge protector used to protect LED tape light from voltage variations. Must be used with hardware power cord.

Used to mount tape light to various surfaces. Plastic diffuser, adhesive tape and end caps included. Field cuttable.
120V IP65 LED TAPE LAYOUT WORKSHEET

1. **Power Feed**
   - /CP = 8' Cord & Plug
   - /CPSP = 8' Cord & Plug w/ Surge Protector
   - /HW = 8' Hardwired
   - /HWSP = 8' Hardwired w/ Surge Protector

2. **Tape Light Segment**
   - NUTP13-W9-4-12-930
     9'-4" Tape Segment, 3000K

3. **Connector**
   - NATL-IP65/C90-L
     90° Left
   - NATL-IP65/C90-R
     90° Right
   - NATL-IP65/EW-06
     6" Cable

4. **Tape Light Segment**
   - NUTP13-W3-12-930
     3' Tape Segment, 3000K

**Ordering Matrix (for additional sections, repeat steps 3 and 4)**

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>8’ Power Feed</td>
<td>Cord &amp; Plug, Cord &amp; Plug w/ Surge Protector, Hardwired, Hardwired w/ Surge Protector</td>
</tr>
<tr>
<td>2</td>
<td>First Segment Tape Light Length</td>
<td>Length: ___ Feet ___ Inches*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* Increments of 4”</td>
</tr>
<tr>
<td>3</td>
<td>Connector</td>
<td>NATL-IP65/C90-L, NATL-IP65/C90-R, NATL-IP65/EW-06</td>
</tr>
<tr>
<td>4</td>
<td>Second Segment Tape Light Length</td>
<td>Length: ___ Feet ___ Inches*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* Increments of 4”</td>
</tr>
</tbody>
</table>

* For additional sections, repeat steps 3 and 4

Color Temperature:
- 2700K
- 3000K
- 4000K
COB LED Tape light creates an uniform seamless line of light, without the need for additional diffused covers or accessories. Producing over 450 lumens per foot in dedicated color temperatures, tape light is a perfect solution for low clearance or reflective surfaces to eliminate all glare or dotting.

**FEATURES:**
- 24V systems
- Field cuttable every 1.79”, reconnect with accessories
- 73.8W per roll - 4.5W per foot
- Dedicated color temperature (2700K, 3000K, 3500K, 4000K)
- No soldering or additional wiring required
- 16.4’ maximum run length
- Easy to install with pre-applied 3M™ tape or accessories
- Dimmable with dimmable power supply

**ELECTRICAL:**
- Voltage: 24V
- Wattage: 450lm / 4.5W per foot
- Color Temperature: 2700K, 3000K, 3500K, 4000K
- Color Rendering Index: 90+ CRI
- Maximum Run Length: 16.4’

**INCLUDED WITH TAPE LIGHT ROLL:**
- (1) 16.4’ Tape Light Roll
- (1) 12” power cord
- (32) clear acrylic clips

**DRIVER:** Required

**LISTINGS & WARRANTY:**
- cULus Listed for Dry Location
- 5 Year Limited Warranty

**COB 24V LED TAPE LIGHT**

<table>
<thead>
<tr>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.4’ Roll</td>
<td></td>
</tr>
<tr>
<td>NUTP4-COB24CV16-(CCT)</td>
<td>927 2700K</td>
</tr>
<tr>
<td></td>
<td>930 3000K</td>
</tr>
<tr>
<td></td>
<td>935 3500K</td>
</tr>
<tr>
<td></td>
<td>940 4000K</td>
</tr>
</tbody>
</table>

Example: NUTP4-COB24CV16-935

24V COB LED Tape Light, 16.4’ roll, 3500K
# LED Tape Light - Multi Color

## TAPE LIGHT ACCESSORIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardwire Power Cord</td>
<td>12&quot;</td>
<td>NATLCB-708</td>
</tr>
<tr>
<td>Power Cord w/ Power Line</td>
<td>6&quot;</td>
<td>NATLCB-708/BC</td>
</tr>
<tr>
<td>Linking Cables</td>
<td>3&quot;, 6&quot;, 18&quot;, 48&quot;, 72&quot;</td>
<td>NATLCB-703, NATLCB-706, NATLCB-736, NATLCB-772</td>
</tr>
<tr>
<td>End to End Connector</td>
<td>Clear</td>
<td>NATLCB-707</td>
</tr>
<tr>
<td>Clear Mounting Clips</td>
<td>pack of 15</td>
<td>NATLCB-709</td>
</tr>
</tbody>
</table>

## CHANNELS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>L Connector</td>
<td></td>
<td>NATLCB-L</td>
</tr>
<tr>
<td>T Connector</td>
<td></td>
<td>NATLCB-T</td>
</tr>
<tr>
<td>X Connector</td>
<td></td>
<td>NATLCB-X</td>
</tr>
<tr>
<td>2' Wire Raceway</td>
<td>black, white</td>
<td>NATL-422B, NATL-422W</td>
</tr>
<tr>
<td>Clips for Wire, White Plastic</td>
<td>J-Clip, 10/pk, Over Wire, 10/pk, Clip, 10/pk</td>
<td>NATL-404W, NATL-405W, NATL-406W</td>
</tr>
</tbody>
</table>

## TAPE LIGHT ACCESSORIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' Shallow Channel w/ Wing</td>
<td>aluminum</td>
<td>NATL2-C23A</td>
</tr>
<tr>
<td>4' Shallow Channel</td>
<td>aluminum</td>
<td>NATL2-C24A</td>
</tr>
<tr>
<td>4' Deep Channel w/ Wing</td>
<td>aluminum</td>
<td>NATL2-C25A</td>
</tr>
<tr>
<td>4' Deep Channel</td>
<td>aluminum</td>
<td>NATL2-C26A</td>
</tr>
</tbody>
</table>

## DRIVERS & DRIVER ACCESSORIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEXUS® All-in-One LED Driver and Dimmer</td>
<td>24V 60W, 24V 240W</td>
<td>NATL-SWEX60/24A, NATL-SWEX100/24A</td>
</tr>
<tr>
<td>Direct Plug-In LED Driver</td>
<td>24V 24W, 24V 45W</td>
<td>NATL-524W, NATL-545W</td>
</tr>
<tr>
<td>Direct Plug-In LED Driver</td>
<td>24V 96W</td>
<td>NATL-596W</td>
</tr>
<tr>
<td>Class II Driver: Non-Dimming</td>
<td>100W</td>
<td>NATL-5100HW</td>
</tr>
<tr>
<td>Class II Driver: 0-10V dimming</td>
<td>100W</td>
<td>NATL-5096-24-HWD10</td>
</tr>
<tr>
<td>Class II Driver: ELV dimming</td>
<td>40W</td>
<td>NATLED-5040HW</td>
</tr>
<tr>
<td>Class II Driver with Breakers: MLV dimming</td>
<td>120V/24V 300W, 277V/24V 300W</td>
<td>NMT-303/24D1, NMT-303/24D2</td>
</tr>
<tr>
<td>Class II Driver with Regulator: MLV dimming</td>
<td>24V 80W, 24V 96W</td>
<td>NMYTD-60/24D, NMYTD-96/24D</td>
</tr>
<tr>
<td>Power Line Connector</td>
<td>10' Cable, 3' Cable</td>
<td>NATL-10, NATL-30</td>
</tr>
<tr>
<td>Touch Dimmer</td>
<td></td>
<td>NATL-518W</td>
</tr>
<tr>
<td>Low Voltage Splice Box</td>
<td>4-Way, 8-Way</td>
<td>NATL-407, NATL-408</td>
</tr>
<tr>
<td>Terminal Block</td>
<td></td>
<td>NATL-409</td>
</tr>
</tbody>
</table>

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Note: See page 43 for more information about drivers.
LED TAPE LIGHT • MULTI COLOR

RGB COLOR CHANGING LED TAPE LIGHT 12V or 24V
16 COLORS — PROGRAM A SINGLE STATIONARY COLOR OR MULTIPLE TRANSITIONING COLORS!

RGB LED Tape Light has the colors Red, Green, and Blue in every LED diode. Several colors of visual spectrum can be selected and programmed with a 120˚ viewing angle. A stationary color, automatic changing colors and brightness can be selected and changed at anytime with the press of a button. Low profile RGB LED Tape Light is ideal for use in show exhibition lighting, architectural enhancements, bars, theaters, store fronts, or anywhere you need a punch of color.

FEATURES:
· 12V or 24V / 4-wire systems
· Separable every 12" - easily disconnected and connected without soldering
· Tape is silicone encapsulated for easy maintenance and durability
· Field cuttable every 3" using 12V and 6" using 24V
· 56W per roll - 3.5W per foot
· Primary Colors: Red, Green, and Blue
· Several colors or automated changing of visual spectrum can be selected and programmed
· Synchronizable
· Three changeable brightness levels with hand held remote
· 120˚ Beam Angle
· Easy to install with pre-applied 3M™ tape or accessories

ELECTRICAL:
Voltage: 12V or 24V
Wattage: 3.5W per foot
Light Source: 12 LEDs per foot
Color Temperature: Color Changing RGB
Maximum Run Length: 35' (24V) / 20' (12V)

INCLUDED WITH TAPE LIGHT ROLL:
(1) 16' Tape Light Roll
(1) 12" power line interconnector
(15) clear acrylic clips

DRIVER:
Required — direct plug-in or Class II available.

CONTROLER:
Required for each run. May be linked together for color synchronization.

LISTINGS & WARRANTY:
· cULus Listed for Damp Location
· 3 Year Limited Warranty

RGB COLOR CHANGING LED TAPE LIGHT

<table>
<thead>
<tr>
<th>VOLT</th>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>24V</td>
<td>NUTP3-W16LEDRGB</td>
<td>16' Roll</td>
</tr>
<tr>
<td></td>
<td>NUTP3-WLEDRGB/12</td>
<td>12' Section</td>
</tr>
<tr>
<td></td>
<td>NUTP3-WLEDRGB/6</td>
<td>6' Section</td>
</tr>
<tr>
<td>12V</td>
<td>NUTP6-16LEDRGB</td>
<td>16' Roll</td>
</tr>
<tr>
<td></td>
<td>NUTP6-LEDRGB/12</td>
<td>12' Section</td>
</tr>
<tr>
<td></td>
<td>NUTP6-LEDRGB/6</td>
<td>6' Section</td>
</tr>
</tbody>
</table>

Example: NUTP3-W16LEDRGB - 24V RGB LED Tape Light, 16' roll
16' Tape Rolls include sixteen 12" sections.
12" and 6' Tape sections contain male/female ends.

RGB COLOR CHANGING CONTROLLERS

Note: Each RGB system requires tape, controller and driver.

RGB 2.4G Full Color RF Controller and Hand Held Remote
NARGB-880/61
12V/24V controller is required for each RGB LED Tape Light run. Installs between the driver and the power line interconnector. The controller can be used to toggle between colors or changing modes.

RGB Controller and Hand Held Remote (sold separately)
NARGB-760 12/24V Controller
NARGB-761 Hand Held Remote
56W Max. A controller is required for each RGB LED Tape Light run. Installs between the driver and the power line interconnector. The controller can be used to toggle between colors or changing modes.

DMX Decoder for RGB Tape Light
NATL-DMX-4C
20A Max. A DMX decoder or RGB controller is required for each RGB LED Tape Light run. Installs between the driver and the power line interconnector. The decoder requires a DMX controller (by others) to operate.
LED TAPE LIGHT • MULTI COLOR

Note: Each RGB system requires tape, controller and driver.
**RGBW COLOR CHANGING LED TAPE LIGHT**

**24V 8.85W/FT**

RGB COLOR CHANGING TAPE PLUS A SEPARATE 30K DIODE FOR QUALITY USABLE WHITE LIGHT!

RGBW tape includes a dedicated 3000K LED chip and a RGB chip. The RGBW offers the flexibility to create pastel colors using the RGB at the same time as the white, as well as producing a high quality white light when needed, and the ability to change to RGB and color changing when the mode or application changes. The 5-wire system has a dedicated RF controller allowing flexibility during installation and a hand-held control with multiple functions.

**FEATURES:**
- 400 Lumens per foot
- 90+ CRI
- 88.5W per roll - 8.85W per foot
- 24V DC, 5-wire System
- Color Changing tape with a dedicated 3000K diode
- Synchronizable
- 120˚ Beam Angle
- No soldering or additional wiring required
- Separable every 12" - easily disconnected and connected without soldering
- Field cuttable every 6" or 6 LEDs
- 10’ maximum run length
- Dimmable with dimmable power supply
- Easy to install with pre-applied 3M™ tape or accessories

**ELECTRICAL:**
- Voltage: 24V DC input
- Wattage: 8.85W per foot
- Light Source: 12 Dual LEDs Per Foot
- Color Temperature: Color Changing RGB with dedicated 3000K diode
- Maximum Run Length: 10’

**INCLUDED WITH TAPE LIGHT ROLL:**
- (1) 10’ Tape Light Roll
- (1) 12” power line interconnector
- (15) clear acrylic clips

**DRIVER:** Required — direct plug-in or Class II available.

**CONTROLLER:** Required for each run. May be linked together for color synchronization.

**LISTINGS & WARRANTY:**
- cULus Listed for Damp Location
- IP44 Rated
- 3 Year Limited Warranty

---

**RGBW COLOR CHANGING CONTROLLERS**

Note: Each RGBW system requires tape, controller and driver.

**RGBW RF Controller**

NARBW-975

12-24VDC 15A max. A controller is required for each RGBW LED Tape Light run. Installs between the driver and the power line interconnector. The controller can be used to toggle between colors or changing modes.

**RGBW Hand Held Remote**

NARRGBW-977

Used to program RGBW tape light to certain color configurations. Can be used up to control up to four NARBW-975 controllers. Key Selections: Brightness, Colors, Color Changing - Flash, Strobe, Fade and Smooth Fade, On/Off

**DMX Decoder for RGBW Tape Light**

NATL-DMX-4C/RGBW

20A Max. A DMX decoder or RGBW controller is required for each RGBW LED Tape Light run. Installs between the driver and the power line interconnector. The decoder requires a DMX controller (by others) to operate.

---

**RGBW COLOR CHANGING LED TAPE LIGHT**

<table>
<thead>
<tr>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTP11-WDRGBW</td>
<td>Color</td>
</tr>
<tr>
<td>NUTP11-WRGBW/12</td>
<td>Changing RGB with dedicated 3000K diode</td>
</tr>
<tr>
<td>NUTP11-WRGBW/6</td>
<td>6” Section</td>
</tr>
</tbody>
</table>

Example: NUTP11-WDRGBW

RGBW Color Changing LED Tape Light, 10’ Roll

10’ Tape Rolls include ten 12” sections. 12” and 6” Tape sections contain male/female ends.

---

**LIGHTING TIP**

RGBW LED Tape allows the user to select a beautiful bright 30K light for everyday use and then choose colors for special occasions.
### LED Tape Light - Multi Color

**Note:** Each RGBW system requires tape, controller and driver.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-400 Pack of 5</td>
<td>NATL-403 Black</td>
<td>NATH-R-685 Pack of 15</td>
<td>NATL-422B Black</td>
<td>NATL-901W 12&quot; Cable</td>
<td>NATL-962 10'</td>
<td>NATL-963 30'</td>
</tr>
<tr>
<td>NATL-403W White</td>
<td></td>
<td></td>
<td>NATL-422W White</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Channels |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 4" Shallow Channel w/ Lens | 4" Deep Channel w/ Lens | 4" J-Style Channel | 4" Corner Channel w/ Lens | 4" Aluminum Channel, Lensless |
| NATL-C23B black | NATL-C25B black | NATL-C27B black | NATL-C28B black | |
| NATL-C24A aluminum | NATL-C26A aluminum | NATL-C28W white | NATL-C26B white | |
| NATL-C24B black | NATL-C26W white | | NATL-C26W white | |
| NATL-C24W white | | | | |

| Drivers & Driver Accessories |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Direct Plug-In LED Driver | Class II Driver: Non-Dimming | Class II Driver: 0-10V dimming | Class II Driver: ELV dimming | |
| NATL-524W 24V 24W | NATL-5096HW 24V 81.6W | NATL-5096-24-HWD10 24V 81.6W | NATL-5040HW 24V 40W | |
| NATL-545W 24V 40W | NATL-5075HW 24V 75W | | NATL-5075SHW 24V 75W | |
| | | | | |
| Class II Driver with Breakers: MLV dimming | Class II Driver with Regulator: MLV dimming | Power Line Connector | 5' Power Line Splitter | Low Voltage Splice Box |
| NATL-303/242D | NATM-60/24D | NATL-10 10' Cable | NATL-302W 30' Cable | NATL-415W |
| | | NATL-30 | | |
| NATL-303/242D2 2710/24V 300W | | | | |

**Notes:**
Each RGBW Tape runs requires Tape, Driver and Controller. Dimmable drivers are only for powering RGB, RGBW and CCT tape. Dimming is controlled by Controller or DMX Decoder, see page 20.

See page 43 for more information about drivers.
LED TAPE LIGHT • MULTI COLOR

CCT COLOR TUNING LED TAPE LIGHT 24V 3.25W/FT
SELECT THE COLOR TEMPERATURE AND INTENSITY OF LIGHT FROM WARM 2500K TO COOL 4500K

Different applications require different Kelvin temperatures to enhance various color spectrums. Use 2500K for a warm red enhancing application and 4500K for a cool, brighter white enhancing application. The RF controller is operated with a remote or controller that lets the end user select the temperature and intensity as the application or mood changes as well as having the option to set optional automatic changing modes.

FEATURES:
• 192 LEDs / 52W per roll - 12 LEDs / 3.25W per ft.
• 24VDC / 4-wire system
• Change Kelvin temperature from 2500K-4500K with hand held remote or wall controller
• Program temperature and intensity or set optional automatic changing modes
• Synchronizable
• 120° Beam Angle
• No soldering or additional wiring required
• Separable every 12” - easily disconnected and connected without soldering
• Field cuttable every 4” or 6 LEDs
• 30’ Maximum run length
• Dimmable with dimmable power supply
• Easy to install with pre-applied 3M™ tape or accessories

ELECTRICAL:
Voltage: 24V
Wattage: 3.25W per foot
Light Source: 18 LEDs per foot
Color Temperature: Color Tuning 2500K-4500K
Maximum Run Length: 30’

INCLUDED WITH TAPE LIGHT ROLL:
(1) 16’ Tape Light Roll
(1) 12” power line interconnector
(15) clear acrylic clips

DRIVER: Required — direct plug-in or Class II available.

CONTROLLER: Required for each run. May be linked together for color synchronization.

LISTINGS & WARRANTY:
• cULus Listed for Damp Location
• IP44 Rated
• 3 Year Limited Warranty

CCT COLOR TUNING CONTROLLERS  Note: Each CCT system requires tape, controller and driver.

CCT RF Controller
NARGBW-975
12-24VDC 5A max. A controller is required for each CTT LED Tape Light run. Installs between the driver and the power line interconnector. The controller can be used to toggle between colors or changing modes.

CCT Controller Hand Held Remote
NACCT-977
Used to program CCT tuning tape light to certain configurations. Can be used up to control up to four NARGBW-975 controllers.
Key Selections: Brightness, Colors, Color Changing - Flash, Strobe, Fade and Smooth Fade, On/Off

CCT Touch Pad Wall Controller
NACCT-988
Includes Mounting back box.
Requires: Driver
Local control of CCT, on/off with memory and dimming.

CCT COLOR TUNING 24V LED TAPE LIGHT

<table>
<thead>
<tr>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTP10-W16CCT</td>
<td>16’ Roll Color Tuning 2500K-4500K</td>
</tr>
<tr>
<td>NUTP10-WCCT/12</td>
<td>12” Section</td>
</tr>
<tr>
<td>NUTP10-WCCT/4</td>
<td>4” Section</td>
</tr>
</tbody>
</table>

Example: NUTP10-W16CCT 24V Color Tuning (2500K-4500K) LED Tape Light, 16’ roll

16’ Tape Rolls include sixteen 12” sections. 12” and 4” Tape sections contain male/female ends.
**TAPE LIGHT ACCESSORIES**

<table>
<thead>
<tr>
<th>Shrink Wrap Tube</th>
<th>Pack of 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-400</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>End Cap</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-403</td>
<td></td>
</tr>
<tr>
<td>NATL-403W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Clear Acrylic Mounting Clips</th>
<th>Pack of 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATHR-685</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2’ Wire Raceway</th>
<th>black</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-422B</td>
<td></td>
</tr>
<tr>
<td>NATL-422W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Clips for Wire, White Plastic</th>
<th>J-Clip, 10/pk</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-404W</td>
<td></td>
</tr>
<tr>
<td>NATL-405W</td>
<td></td>
</tr>
<tr>
<td>NATL-406W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TAPE LIGHT ACCESSORIES</th>
</tr>
</thead>
</table>

**CHANNELS**

<table>
<thead>
<tr>
<th>4’ Shallow Channel w/ Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-C23A</td>
</tr>
<tr>
<td>NATL-C24A</td>
</tr>
<tr>
<td>NATL-C24B</td>
</tr>
<tr>
<td>NATL-C24W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4’ Deep Channel w/ Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-C25A</td>
</tr>
<tr>
<td>NATL-C26A</td>
</tr>
<tr>
<td>NATL-C26B</td>
</tr>
<tr>
<td>NATL-C26W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4’ J-Style Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-C27A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4’ Corner Channel w/ Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-C28A</td>
</tr>
<tr>
<td>NATL-C28B</td>
</tr>
<tr>
<td>NATL-C28W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4’ Aluminum Channel, Lensless</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATHR-680</td>
</tr>
</tbody>
</table>

**DRIVERS & DRIVER ACCESSORIES**

<table>
<thead>
<tr>
<th>Direct Plug-In LED Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-524W</td>
</tr>
<tr>
<td>NATL-545W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class II Driver: Non-Dimming</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-506HW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class II Driver: 0-10V dimming</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-5069-24-HWD0</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Class II Driver: ELV dimming</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATLED-5040HW</td>
</tr>
<tr>
<td>NATLED-5075HW</td>
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</table>

<table>
<thead>
<tr>
<th>Class II Driver with Breakers:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMT-303/2420D</td>
</tr>
<tr>
<td>NMT-303/24202</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Terminal Block</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-407</td>
</tr>
<tr>
<td>NATL-408</td>
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</table>

<table>
<thead>
<tr>
<th>Power Line Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-10</td>
</tr>
<tr>
<td>NATL-30</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Low Voltage Splice Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-415W</td>
</tr>
</tbody>
</table>

**LED TAPE LIGHT • MULTI COLOR**

**Notes:**

Each CCT Tape run requires Tape, controller and driver. Dimmable drivers are only for powering RGB, RGBW and CCT tape. Dimming is controlled by Controller or DMX Decoder, see page 22. See page 43 for more information about drivers.
COMFORT DIM LED TAPE LIGHT  24V 170LM/FT
COMFORT DIM TECHNOLOGY WARMS THE COLOR TEMPERATURE WHILE BEING DIMMED

Comfort Dim technology tunes the color temperature as the luminaire is dimmed. Beginning at a bright 3000K, as the tape light is dimmed the color temperature warms to 1800K. 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.

FEATURES:
· 24V systems
· Field cuttable every 2"; reconnect with interconnection cables
· 39W per roll - 2.44W per foot
· Warms the kelvin temperature from 3000K to 1800K when dimmed
· No soldering or additional wiring required
· 16' maximum run length
· Easy to install with pre-applied 3M™ tape or accessories
· Dimmable with Dimmable Magnetic Low Voltage Driver

ELECTRICAL:
Voltage: 24V
Wattage: 2.44W per foot
Lumens: 170lm per foot
Color Temperature: Comfort Dim color tunes the temperature from a bright 3000K, to a romantic and comfortable 1800K
Color Rendering Index: 90+ CRI
Maximum Run Length: 16'
Dimming: Magnetic Low Voltage

INCLUDED WITH TAPE LIGHT ROLL:
(1) 16' Tape Light Roll
(1) 12" power line interconnector
(15) clear acrylic clips

DRIVER: Requires magnetic low voltage driver to be used with a magnetic low voltage dimmer.

LISTINGS & WARRANTY:
· cULus Listed for Damp Location
· 3 Year Limited Warranty

COMFORT DIM 24V LED TAPE LIGHT

<table>
<thead>
<tr>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTP12-W16LEDCCD</td>
<td>16' Roll</td>
</tr>
</tbody>
</table>

Example: NUTP12-W16LEDCCD
24V Comfort Dim LED Tape Light, 16' roll
Note: See page 43 for more information about drivers.
HY-BRITE LED TAPE LIGHT 24V 375LM/FT

FEATURES:
- 375 Lumens per foot
- 90+ CRI
- 68W per roll - 4.25W per foot
- 24V DC System
- Available in three color outputs: Cool White (4200K), Warm White (3000K), Warm White (2700K)
- 120° Beam Angle
- No soldering or additional wiring required
- Separable every 12” - easily disconnected and connected without soldering
- Field cuttable every 4” or 4 LEDs
- 25 Maximum run length
- Dimmable with dimmable power supply
- Easy to install with pre-applied 3M™ tape or accessories

ELECTRICAL:
- Voltage: 24V
- Lumens / Wattage: 375lm / 4.25W per foot
- Light Source: 18 Hy-Brite LEDs per foot
- Color Rendering Index: 90+ CRI
- Color Temperature: 2700K, 3000K or 4200K
- Maximum Run Length: 16’

INCLUDED WITH TAPE LIGHT ROLL:
- (1) 16' Tape Light Roll
- (1) 9” power line interconnector
- (15) clear acrylic clips
- Driver: Required — direct plug-in, Class II, and Dimmable Class II available.

LISTINGS & WARRANTY:
- cULus Listed for Damp Location
- IP44 Rated
- 3 Year Limited Warranty

Example: NUTP5-WLED942/4
24V Hy-Brite LED Tape Light, 4” Section, 4200K
16’ Tape Rolls include sixteen 12” sections. 12” and 4” Tape sections contain male/female ends.

HIGH OUTPUT LED TAPE LIGHT 24V 450LM/FT

FEATURES:
- 450 Lumens per foot
- 90+ CRI
- 180 LEDs / 65W per roll - 18 LEDs / 6.5W per ft.
- 24V DC System
- Available in 7 colors: Blue, Green, Red, Yellow, Cool White (4200K), Warm White (3000K), Warm White (2700K)
- 120° Beam Angle
- No soldering or additional wiring required
- Separable every 12” - easily disconnected and connected without soldering
- Field cuttable every 4” or 6 LEDs
- 16’ Maximum run length
- Dimmable with dimmable power supply
- Easy to install with pre-applied 3M™ tape or accessories

ELECTRICAL:
- Voltage: 24V
- Lumens / Wattage: 450lm / 6.5W per foot
- Light Source: 18 High Output LEDs per foot
- Color Rendering Index: 90+ CRI
- Color Temperature: 2700K, 3000K, 4200K, Blue, Green, Red or Yellow
- Maximum Run Length: 25’

INCLUDED WITH TAPE LIGHT ROLL:
- (1) 16’ Tape Light Roll
- (1) 9” power line interconnector
- (15) clear acrylic clips
- Driver: Required — direct plug-in, Class II, and Dimmable Class II available.

LISTINGS & WARRANTY:
- cULus Listed for Damp Location
- IP44 Rated
- 3 Year Limited Warranty

Example: NUTP8-WLED930/12
24V High Output LED Tape Light, 12” Section, 3000K
16’ Tape Rolls include sixteen 12” sections. 12” and 4” Tape sections contain male/female ends.
Note: See page 43 for more information about drivers.
Designed to cast no shadows, our flexible LED light boasts a desirable seamless glow. Our durable standard tape is encapsulated in silicone for easy maintenance and durability.

**FEATURES:**
- Silicone encapsulated for maintenance and durability
- 70 or 100 Lumens per foot
- 36W per roll / 2.25W per foot (12V)
- 24W per roll / 1.5W per foot (24V)
- Available in 7 colors: Blue, Green, Red, Yellow, Cool White (4200K), Warm White (3000K), Warm White (2700K)
- Separable every 12” - easily disconnect and connect without soldering
- Field cuttable every 2” on 12V and 4” on 24V at marked intervals with no effect to circuit
- Easy to install with pre-applied 3M™ tape or accessories
- Dimmable with dimmable power supply

**ELECTRICAL:**
- Voltage: 12V or 24V
- Lumens / Wattage:
  - 100lm / 2.25W per foot (12V)
  - 80lm / 1.5W per foot (24V)
- Light Source: 18 LEDs per foot
- Color Rendering Index: 90+ CRI
- Color Temperature: 2700K, 3000K, 4200K, Blue, Green, Red or Yellow
- Maximum Run Length: 64’ (24V) / 32’ (12V)

**INCLUDED WITH TAPE LIGHT ROLL:**
- (1) 16’ Tape Light Roll
- (1) 9” power line interconnector
- (15) clear acrylic clips
- Kit also includes an LED plug-in driver

**DRIVER:**
- Required — direct plug-in, Class II, and Dimmable Class II available.

**LISTINGS & WARRANTY:**
- cULus Listed for Damp Location
- 3 Year Limited Warranty

**STANDARD SILICONE ENCAPSULATED LED TAPE LIGHT**

<table>
<thead>
<tr>
<th>VOLT</th>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>24V</td>
<td>NUTP1-W16LED(CCT)</td>
<td>16’ Roll</td>
</tr>
<tr>
<td></td>
<td>NUTP1-WLED(CCT)/12</td>
<td>12” Section</td>
</tr>
<tr>
<td></td>
<td>NUTP1-WLED(CCT)/4</td>
<td>4” Section</td>
</tr>
<tr>
<td></td>
<td>NUTP1-WLED(CCT)</td>
<td>16’ Kit</td>
</tr>
<tr>
<td></td>
<td>NUTP4-W16LED(CCT)</td>
<td>16’ Roll</td>
</tr>
<tr>
<td></td>
<td>NUTP4-WLED(CCT)/12</td>
<td>12” Section</td>
</tr>
<tr>
<td></td>
<td>NUTP4-WLED(CCT)/4</td>
<td>4” Section</td>
</tr>
<tr>
<td></td>
<td>NUTP4-WLED(CCT)</td>
<td>16’ Kit</td>
</tr>
</tbody>
</table>

Example: NUTP1-W16LED-24 - 24V Standard Tape Light, 16’ Roll, Blue
16’ Tape Rolls include sixteen 12” sections. Kit includes plug-in driver.
12” and 4” Tape sections contain male/female ends.
LED TAPE LIGHT - SINGLE COLOR

**1" Splitter Cables**
- NATL-300W

**3" Splitter Cable**
- NATL-301W

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

**Power Line Interconnector**
- NATL-509W 24V 9" Cable
- NATL-516W 12V 9" Cable
- NATL-517 12V 11" Cable

**Power Line Interconnector with On/Off Switch**
- NATL-511W 24V 11" Cable
- NATL-517 12V 11" Cable

**Clips for Wire, White Plastic**
- NATL-404W J-Clip 10/pk
- NATL-405W Over Wire 10/pk
- NATL-406W Clip 10/pk

**Shrink Wrap Tube**
- NATL-400 Pack of 5

**End Cap**
- NATL-403 Black
- NATL-403W White

**Clear Acrylic Mounting Clips**
- NATL-401 Pack of 15

**2 Wire Raceway**
- NATL-422B black
- NATL-422W white

**2' Wire Raceway**
- NATL-422B black
- NATL-422W white

**2" Wire Raceway**
- NATL-422B black
- NATL-422W white

**NEXUS® All-in-One LED Driver and Dimmer**
- NATL-SWEX60/12A 12V 60W
- NATL-SWEX60/24A 24V 60W
- NATL-SWEX100/24A 24V 100W

**Direct Plug-In LED Driver**
- NAPK-524W/12 12V 24W
- NAPK-524W 24V 24W
- NATL-524W 24V 24W
- NATL-545W 24V 45W

**Direct Plug-In LED Driver**
- NAPK-560W/12 12V 60W
- NAPK-560W 24V 60W
- NATL-596W 24V 96W

**Class II Driver: ELV dimming**
- NAPK-5040HW 12V 40W
- NAPK-5060HW 12V 60W
- NATLED-5040HW 24V 40W
- NATLED-5075HW 24V 75W

**Touch Dimmer**
- NATL-518W

**Class II Driver with Breakers: MLV dimming**
- MFT-244/12C202 120/12V 202W
- MFT-244/12C202 277/12V 240W
- MFT-303/24C202 120/24V 303W
- MFT-303/24C202 277/24V 303W

**Class II Driver with Breakers: MLV dimming**
- NHTD-40/12D 12V 40W
- NHTD-60/12D 12V 60W
- NHTD-60/24D 24V 60W
- NHTD-96/24D 24V 96W

**Class II Driver with Regulator: MLV dimming**
- NHTO-60/12D 12V 60W
- NHTO-60/24D 24V 60W
- NHTO-96/24D 24V 96W

**Power Line Connector**
- NATL-10 10' Cable
- NATL-30 30' Cable

**Power Line Connector**
- NATL-407 4-Way
- NATL-408 8-Way

**5" Power Line Splitter**
- NATL-502W

Note: See pages 42-43 for more information about drivers.
LED TAPE LIGHT • SINGLE COLOR

STANDARD LED TAPE LIGHT  24V Non-Encapsulated

FEATURES:
- 80 Lumens per foot
- 90+ CRI
- 24W per roll - 1.5W per foot
- 24V DC single color illumination
- Three color outputs available: Cool White (4200K), Warm White (3000K), Warm White (2700K)
- Separable every 12"; easily disconnect and connect without soldering
- Field cuttable every 4" or 6 LEDs
- 64' Maximum run length
- Easy to install with pre-applied 3M™ tape or accessories
- Dimmable with dimmable power supply

ELECTRICAL:
- Voltage: 24V
- Lumens / Wattage: 80lm / 1.5W per foot
- Light Source: 18 LEDs per foot
- Color Rendering Index: 90+ CRI
- Color Temperature: 2700K, 3000K or 4200K
- Maximum Run Length: 64'

INCLUDED WITH TAPE LIGHT ROLL:
- (1) 16' Tape Light Roll
- (1) 9" power line interconnector
- (15) clear acrylic clips

DRIVER:
- Required — direct plug-in, Class II, and Dimmable Class II available.

LISTINGS & WARRANTY:
- cULus Listed for Damp Location
- IP44 Rated
- 3 Year Limited Warranty

SIDE LIT LED TAPE LIGHT  24V Non-Encapsulated

FEATURES:
- Illuminates to the side, parallel to the mounting surface
- 70 Lumens per foot
- 16.8W per roll - 1.05W per foot
- 24V DC single color illumination
- Two color outputs available: Warm White (3000K) or Warm White (2700K)
- Separable every 12"; easily disconnect and connect without soldering
- Field cuttable every 4" or 6 LEDs
- 64' Maximum run length
- Easy to install with pre-applied 3M™ tape or accessories
- Dimmable with dimmable power supply

ELECTRICAL:
- Voltage: 24V
- Lumens / Wattage: 70lm / 1.05W per foot
- Light Source: 18 LEDs per foot
- Color Temperature: 2700K or 3000K
- Maximum Run Length: 64'

INCLUDED WITH TAPE LIGHT ROLL:
- (1) 16' Tape Light Roll
- (1) 9" power line interconnector
- (15) clear acrylic clips

DRIVER:
- Required — direct plug-in, Class II, and Dimmable Class II available.

LISTINGS & WARRANTY:
- cULus Listed for Damp Location
- IP44 Rated
- 3 Year Limited Warranty

SIDE-LIT 24V LED TAPE LIGHT

<table>
<thead>
<tr>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTP9-16LED(CCT)</td>
<td>27</td>
</tr>
<tr>
<td>NUTP9-LED(CCT)/12</td>
<td>30</td>
</tr>
<tr>
<td>NUTP9-LED(CCT)/4</td>
<td>30</td>
</tr>
</tbody>
</table>

Example: NUTP9-16LED27
24V Side-Lit Tape Light; 16' Roll, 3000K
16' Tape Rolls include sixteen 12" sections. Kit includes plug-in driver. 12" and 4" Tape sections contain male/female ends.
### LED Tape Light - Single Color

**Channels**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ Shallow Channel w/ Lens</td>
<td>NATL-C23A</td>
<td>aluminum w/wing</td>
</tr>
<tr>
<td>4’ Deep Channel w/ Lens</td>
<td>NATL-C25A</td>
<td>aluminum</td>
</tr>
<tr>
<td>4’ J-Style Channel</td>
<td>NATL-C27A</td>
<td>aluminum</td>
</tr>
<tr>
<td>4’ Corner Channel w/ Lens</td>
<td>NATL-C28A</td>
<td>aluminum</td>
</tr>
<tr>
<td>4’ Aluminum Channel, Lensless</td>
<td>NATHR-680</td>
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</tr>
</tbody>
</table>

**Drivers & Driver Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nexus All-in-One LED Driver and Dimmer</td>
<td>NATL-SWEX60/24A</td>
<td>24V 60W</td>
</tr>
<tr>
<td></td>
<td>NATL-SWX100/24A</td>
<td>24V 100W</td>
</tr>
<tr>
<td>Class II Driver: ELV dimming</td>
<td>NATLED-5040HW</td>
<td>24V 40W</td>
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<tr>
<td></td>
<td>NATLED-5075HW</td>
<td>24V 75W</td>
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<tr>
<td>Class II Driver: MLV dimming</td>
<td>NATL-30324C201</td>
<td>24V 300W</td>
</tr>
<tr>
<td>Class II Driver with Breakers: MLV dimming</td>
<td>NHTD-60/24D</td>
<td>24V 60W</td>
</tr>
<tr>
<td>Class II Driver with Regulator: MLV dimming</td>
<td>NHTD-96/24D</td>
<td>24V 96W</td>
</tr>
<tr>
<td>Terminal Block</td>
<td>NATL-407</td>
<td>4-Way</td>
</tr>
<tr>
<td></td>
<td>NATL-408</td>
<td>8-Way</td>
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**Miscellaneous Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Shrink Wrap Tube</td>
<td>NATL-400</td>
<td>Pack of 5</td>
</tr>
<tr>
<td>End Cap</td>
<td>NATL-403</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
<tr>
<td>Clear Acrylic Mounting Clips</td>
<td>NATL-401</td>
<td>Pack of 15</td>
</tr>
<tr>
<td>2’ Wire Raceway</td>
<td>NATL-422B</td>
<td>black</td>
</tr>
<tr>
<td></td>
<td></td>
<td>white</td>
</tr>
<tr>
<td>5” Power Line Splitter</td>
<td>NATL-302W</td>
<td></td>
</tr>
</tbody>
</table>

Note: See page 43 for more information about drivers.
CONTINUOUS ROLL LED TAPE
24V Standard / Hy-Brite / High Output

NUTP71
STANDARD

NUTP51
HY-BRITE

NUTP81
HIGH OUTPUT

FEATURES:
- Continuous 100’, 20’ or 16’ rolls
- 24V DC System
- Available in three outputs (450lm, 375lm or 80lm per foot)
- Available in three color outputs: Cool White (4200K), Warm White (3000K), Warm White (2700K)
- 90+ CRI
- Dedicated flip type connectors
- Field cuttable every 4”
- No soldering
- Easy to install with pre-applied 3M™ tape or optional channels, acrylic clips or raceway accessories
- Dimmable with dimmable power supply

ELECTRICAL:
- Voltage: 24V
- Lumens / Wattage:
  NUTP51 - 375lm / 4.25W per foot
  NUTP71 - 800lm / 15W per foot
  NUTP81 - 450lm / 6.5W per foot
- Light Source: 18 LEDs per foot
- Color Rendering Index: 90+ CRI
- Color Temperature: 2700K, 3000K, 4200K
- Maximum Run:
  25’ (NUTP51), 64’ (NUTP71) or 16’ (NUTP81)
- Cuttable every 4” at marked intervals

INCLUDED WITH 100’ TAPE LIGHT ROLL:
- (1) 100’ Tape Light Roll
- (1) 12” power line interconnector
- (50) clear acrylic clips

INCLUDED WITH 20’ OR 16’ ROLL:
- (1) 20’ or 16’ Tape Light Roll
- (1) 12” power line interconnector
- (10) clear acrylic clips

DRIVER: Required — direct plug-in, Class II, and Dimmable Class II available.

LISTINGS & WARRANTY:
- cULus Listed for Damp Location
- IP44 Rated
- 3 Year Limited Warranty

24V CONTINUOUS LED TAPE LIGHT

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SERIES / LENGTH</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HY-BRITE</td>
<td>NUTP51-W100LED(CCT)</td>
<td>927 2700K</td>
</tr>
<tr>
<td></td>
<td>NUTP51-W20LED(CCT)</td>
<td>930 3000K</td>
</tr>
<tr>
<td></td>
<td>NUTP51-W16LED(CCT)</td>
<td>942 4200K</td>
</tr>
<tr>
<td>STANDARD</td>
<td>NUTP71-W100LED(CCT)</td>
<td>927 2700K</td>
</tr>
<tr>
<td></td>
<td>NUTP71-W20LED(CCT)</td>
<td>930 3000K</td>
</tr>
<tr>
<td></td>
<td>NUTP71-W16LED(CCT)</td>
<td>942 4200K</td>
</tr>
<tr>
<td>HIGH OUTPUT</td>
<td>NUTP81-W100LED(CCT)</td>
<td>927 2700K</td>
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<tr>
<td></td>
<td>NUTP81-W20LED(CCT)</td>
<td>930 3000K</td>
</tr>
<tr>
<td></td>
<td>NUTP81-W16LED(CCT)</td>
<td>942 4200K</td>
</tr>
</tbody>
</table>

Example: NUTP71-W100LED930
24V Continuous Standard LED Tape Light, 100’ roll, 3000K
Note: Consult factory for custom cuts.
LED TAPE LIGHT - SINGLE COLOR

NEXUS® All-in-One LED Driver and Dimmer
NATL-SWX60/24A 24V 60W
NATL-SWX100/24A 24V 100W

NORAZUL® Touch Dimmer
NATL-518W

Direct Plug-In LED Driver
NATL-524W 24V 24W
NATL-545W 24V 45W

Direct Plug-In LED Driver
NATL-596W 24V 96W

Class II Driver: Non-Dimmable
NATL-5100HW 24V 81.6W

Class II Driver: 0-10V dimming
NATL-5096-24-HWD10 24V 81.6W

Power Line Connector
NATL-10 10' Cable
NATL-30 30' Cable

5' Power Line Splitter
NATL-302W

TAPE LIGHT ACCESSORIES

Channels
4' Shallow Channel w/ Lens
NATL-C23A aluminum w/wing
NATL-C24A aluminum

4' Deep Channel w/ Lens
NATL-C25A aluminum w/wing
NATL-C26A aluminum

4' J-Style Channel w/ Lens
NATL-C27A aluminum

4' Corner Channel w/ Lens
NATL-C28A aluminum

4' Aluminum Channel Lensless
NATL-C28A

Drivers & Driver Accessories
Class II Driver: ELV dimming
NATLED-5040HW 24V 40W
NATLED-5075HW 24V 75W

Class II Driver with Breakers: MLV dimming
NMT-303/24C201 120/24V 300W
NMTD-60/24D 277/24V 300W

Class II Driver with Regulator: MLV dimming
NMTD-60/24D 24V 30W
NMTD-96/24D 24V 96W

Touch Dimmer
NATL-518W

Low Voltage Splice Box
NATL-415W

Terminal Block
NATL-407 4-Way
NATL-408 8-Way

Flip-Type Link Connector
NATLCFC-(S)00A 12mm

Flip-Type Interconnection Cable
NATLCFC-(S)03A 3'
NATLCFC-(S)06A 6'
NATLCFC-(S)12A 12'
NATLCFC-(S)24A 24'
NATLCFC-(S)48A 48'
NATLCFC-(S)72A 72'

Flip-Type Splice Connector
NATLCFC-(S)08/3A 3'
NATLCFC-(S)08/12A 12'
NATLCFC-(S)08/48A 48'
NATLCFC-(S)08/96A 96'

Flip-Type DC Plug Connector Cable
NATLCFC-(S)09/3A 3'
NATLCFC-(S)09/12A 12'
NATLCFC-(S)09/48A 48'
NATLCFC-(S)09/96A 96'

Clear Acrylic Mounting Clips
NATHR-685 Pack of 15

2' Wire Raceway
NATL-422B black
NATL-422W white

Clips for Wire, White Plastic
NATL-404W J-Clip 10/pk
NATL-405W Over Wire 10/pk
NATL-406W Clip 10/pk

Flip-Type Link Connector
NATLCFC-(S)00A 12mm

Flip-Type Interconnection Cable
NATLCFC-(S)03A 3'
NATLCFC-(S)06A 6'
NATLCFC-(S)12A 12'
NATLCFC-(S)24A 24'
NATLCFC-(S)48A 48'
NATLCFC-(S)72A 72'

Flip-Type Splice Connector
NATLCFC-(S)08/3A 3'
NATLCFC-(S)08/12A 12'
NATLCFC-(S)08/48A 48'
NATLCFC-(S)08/96A 96'

Flip-Type DC Plug Connector Cable
NATLCFC-(S)09/3A 3'
NATLCFC-(S)09/12A 12'
NATLCFC-(S)09/48A 48'
NATLCFC-(S)09/96A 96'

Tape Style (S):
2 NUTP71 or
6 NUTP51 or NUTP81
Example: NATLCFC-212A
12" flip type interconnection for NUTP71 tape.

Note: See page 43 for more information about drivers.
LED TAPE LIGHT · SINGLE COLOR

STANDARD LED TAPE  24V SAMPLE LAYOUT

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 24V 60W Dimmable Class II Hardwire LED Driver</td>
<td>NMTD-60/24D</td>
</tr>
<tr>
<td>B 24V 9&quot; Power Line Interconnector (one included with each Tape Light roll)</td>
<td>NATL-509</td>
</tr>
</tbody>
</table>
| 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 | NATL-10  
NATL-30 |
| L1 24V 48" LED Tape Light Segments  
(Each NUTP(1 or 7)-WLED Roll contains (16) 12" detachable sections) | 1) NUTP(1 or 7)-WLED(color)  
2) NUTP(1 or 7)-WLED(color)Y2 |

*Note: All drivers require power line interconnector to connect to tape. (One included with each roll.)

24 Volt System

- 6 x 48" runs
- 24' total length
- 36W total usage
# HIGH OUTPUT LED TAPE

## 24V SAMPLE LAYOUTS

### 12' / 78 Watts

![Diagram of 12' layout](image)

### 14' / 91 Watts

![Diagram of 14' layout](image)

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 96W Direct Plug-In LED Driver</td>
<td>NATL-596W</td>
</tr>
<tr>
<td>A2 96W Dimmable Class II Power Supply</td>
<td>NMTD-96/24D</td>
</tr>
<tr>
<td>B 12&quot; Power Line Interconnector (one included with each Tape Light roll)</td>
<td>NAHO-609W</td>
</tr>
<tr>
<td>C 2&quot; Interconnection Cable</td>
<td>NAHD-602W</td>
</tr>
<tr>
<td>C 6&quot; Interconnection Cable</td>
<td>NAHD-606W</td>
</tr>
<tr>
<td>C 18&quot; Interconnection Cable</td>
<td>NAHD-618W</td>
</tr>
<tr>
<td>C 36&quot; Interconnection Cable</td>
<td>NAHD-636W</td>
</tr>
<tr>
<td>C 72&quot; Interconnection Cable</td>
<td>NAHD-672W</td>
</tr>
<tr>
<td>D &quot;Y&quot; Splitter Cable</td>
<td>NAHD-B00W</td>
</tr>
<tr>
<td>E &quot;X&quot; Splitter Cable</td>
<td>NAHD-B01W</td>
</tr>
<tr>
<td>L 4&quot; High Output LED Tape Light</td>
<td>NUTP8-WLED(color)4</td>
</tr>
<tr>
<td>L 12&quot; High Output LED Tape Light</td>
<td>NUTP8-WLED(color)12</td>
</tr>
<tr>
<td>L 10' High Output LED Tape Light Roll</td>
<td>NUTP8-WLED_LEO(color)</td>
</tr>
</tbody>
</table>
### RGB COLOR CHANGING LED TAPE 24V SAMPLE LAYOUTS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 24V 96W Class II LED Driver</td>
<td>NATL-596W</td>
</tr>
<tr>
<td>B 12&quot; Power Line Interconnector (one included with each Tape Light roll)</td>
<td>NARGT-710W</td>
</tr>
<tr>
<td>C 2&quot; Interconnection Cable 6&quot; Interconnection Cable 18&quot; Interconnection Cable 36&quot; Interconnection Cable 72&quot; Interconnection Cable</td>
<td>NARGT-702W NARGT-706W NARGT-718W NARGT-736W NARGT-772W</td>
</tr>
<tr>
<td>D 24V RGB Controller</td>
<td>NARGT-760</td>
</tr>
<tr>
<td>L 24V 16' RGB LED Tape Light Rolls (Disconnect every 12&quot; or can be cut every 6&quot;, contains 16 12&quot; segments)</td>
<td>NUTF3-W16LEDRGB</td>
</tr>
</tbody>
</table>

Two coves linked together for simultaneous synchronized operation.

Two Low Voltage wires for synchronization.
**M1 SERIES 1" MINIATURE RECESSED**  12V 100LM / 2W

**FEATURES:**
- No housing required
- Each luminaire includes four plastic trims (2 square and 2 round in white and black finishes), three optics and a 6" quick connect
- Field changeable optics (spot, narrow and flood)
- Threaded LED module allows for field changeable trims
- Prewired junction box for easy installation
- Quick disconnect allows for extended lengths
- IC rated for direct contact with insulation; no minimum clearance required
- Remodel or new construction applications

**ELECTRICAL:**
- Voltage: 12V DC
- Lumens / Wattage: 100lm / 2W
- Color Rendering Index: 90+ CRI
- Color Temperature: 2700K or 3000K
- Dimming: Triac or ELV

**MOUNTING:**
- Recessed, no housing required

**DRIVER:**
- 12V Dimmable Driver required.
- NM1-DVR12: 12V 12W Dimmable Hardwire Driver
- NM1-DVR20: 12V 20W Dimmable Hardwire Driver
- NM1-DVR30: 12V 30W Dimmable Hardwire Driver

**LISTINGS & WARRANTY:**
- cETLus Listed for Wet Locations
- ENERGY STAR certified
- 5-Year Limited Warranty
- FCC compliant

**M1 SERIES LED MODULE**

<table>
<thead>
<tr>
<th>SERIES / LM</th>
<th>W</th>
<th>CCT</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM1-17027X</td>
<td>100lm / 2W</td>
<td>2700K</td>
<td>2PBW (2) Square Plastic Trims in Black and White</td>
</tr>
<tr>
<td>NM1-17030X</td>
<td>300lm / 2W</td>
<td>3000K</td>
<td>(2) Round Plastic Trims in Black and White</td>
</tr>
</tbody>
</table>

Example: NM1-17030X2PBW (Requires 12V Dimmable Driver)  T" M1 LED Module and (4) Plastic Trims

**M1 SERIES TRIMS (OPTIONAL)**

<table>
<thead>
<tr>
<th>SERIES / DESCRIPTION</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM1-RSS T&quot; Round Stainless Steel</td>
<td>B Black</td>
</tr>
<tr>
<td>NM1-RAEYELID T&quot; Round Scoop</td>
<td>BN Brushed Nickel</td>
</tr>
<tr>
<td>NM1-RSSD T&quot; Round Stainless Indicator</td>
<td>W White</td>
</tr>
<tr>
<td>NM1-RLDUV T&quot; Round Louver</td>
<td></td>
</tr>
<tr>
<td>NM1-RAIHEC T&quot; Round Hexcell Louver</td>
<td></td>
</tr>
<tr>
<td>NM1-SSS T&quot; Square M1 Stainless Steel</td>
<td></td>
</tr>
</tbody>
</table>

Example: NM1-RSSB  T" M1 Round Stainless Steel Trim, Black finish

**M1 MINIATURE RECESSED ACCESSORIES**

- Driver: Non-Dimmable NM1-DVR12  12W
- Driver: Triac or ELV dimming NAPKED-5040HW  35W
- NAPKED-5080HW  60W
- Input Voltage: 120V
- Output Voltage: 12V DC

- Linkable Extension Cable NM1-EXT6  6" Cable
- NM1-EXT12  12" Cable
- NM1-EXT18  18" Cable
- NM1-EXT48  48" Cable
- NM1-EXT7240  240" Cable
- Use to extend the length between luminaire and driver / splitter / wire harness. Can be connected together to create custom lengths.

- Splitter Cable (1 input - 6 output) NM1-TH6
- Use to connect up to (6) M1 LED modules to an LED driver on an evenly spaced wire. Each 6" dropped is spaced 32-1/2" on center. Spacing between luminaires: 32-1/2"
- Output wire lengths: 5-1/4" each

- Wire Harness System NM1-WH6
- Use to connect up to (6) M1 LED modules to an LED driver on an evenly spaced wire. Each 6" dropped is spaced 32-1/2" on center. Spacing between luminaires: 32-1/2"
- Output wire length: 6"

- New Construction Frame-In NM1-F
- For new construction pre-wiring and easier layout planning.
JOSH LED PUCK LIGHT 12V or 24V

FEATURES:
- Recessed or surface mounted
- 12V or 24V DC system
- 300 lumens / 3.5W
- Dedicated CCT: 2700K, 3000K, 3500K or 4000K
- Available in four finishes: Black, Brushed Nickel, Bronze or White
- 72" cable pre-installed with quick connect
- Six fixtures can be connected to interconnect

ELECTRICAL:
- Voltage: 12V or 24V
- Lumens / Wattage: 300lm / 3.5W
- Color Temperature: 2700K, 3000K, 3500K or 4000K
- Color Rendering Index: 90+ CRI

DRIVER: Required — direct plug-in, Class II, and Dimmable Class II available.

LISTINGS & WARRANTY:
- cULus Listed for Damp Location
- 5 Year Limited Warranty

JOSH FIXED LED PUCK LIGHT

<table>
<thead>
<tr>
<th>SERIES / LENGTH</th>
<th>CCT</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMP-LED 12V</td>
<td>27</td>
<td>B Black</td>
</tr>
<tr>
<td>NMP2-LED 24V</td>
<td>30</td>
<td>BN Brushed Nickel</td>
</tr>
<tr>
<td></td>
<td>35</td>
<td>BZ Bronze</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>W White</td>
</tr>
</tbody>
</table>

Example: NMP2-LED30BZ
24V Josh Fixed LED Puck Light, 3000K, Bronze finish

JOSH ADJUSTABLE LED PUCK LIGHT 12V or 24V

FEATURES:
- 18° Adjustable
- Surface mounted or recessed (with accessory)
- 12V or 24V DC system
- 300 lumens / 3.5W
- Dedicated CCT: 2700K, 3000K, 3500K or 4000K
- Available in four finishes: Black, Brushed Nickel, Bronze or White
- 72" cable pre-installed with quick connect
- Six fixtures can be connected to interconnect

ELECTRICAL:
- Voltage: 12V or 24V
- Lumens / Wattage: 300lm / 3.5W
- Color Temperature: 2700K, 3000K, 3500K or 4000K
- Color Rendering Index: 90+ CRI

DRIVER: Required — direct plug-in, Class II, and Dimmable Class II available.

LISTINGS & WARRANTY:
- cULus Listed for Damp Location
- 5 Year Limited Warranty

JOSH ADJUSTABLE LED PUCK LIGHT

<table>
<thead>
<tr>
<th>SERIES / LENGTH</th>
<th>CCT</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMP-A 12V</td>
<td>27</td>
<td>B Black</td>
</tr>
<tr>
<td>NMP2-A 24V</td>
<td>30</td>
<td>BN Brushed Nickel</td>
</tr>
<tr>
<td></td>
<td>35</td>
<td>BZ Bronze</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>W White</td>
</tr>
</tbody>
</table>

Example: NMP2-A30BZ
24V Josh Adjustable LED Puck Light, 3000K, Bronze finish
### LED Tape Light - Single Color

**Note:** See pages 42-43 for more information about drivers.

#### Drivers & Driver Accessories

- **6-Port Power Line Interconnect**
  - NMPA-6P-24B Black
  - NMPA-6P-24W White

- **Extension Cables**
  - NMPA-EW-12 12" Black
  - NMPA-EW-24 24" Black
  - NMPA-EW-36 36" Black
  - NMPA-EW-48 48" Black

- **Recessed Flange for Adjustable**
  - NMP-ARECB Black
  - NMP-ARECRBN Brushed Nickel
  - NMP-ARECBZ Bronze
  - NMP-ARECW White

- **2' Wire Raceway**
  - NATL-422B black
  - NATL-422W white

- **Clips for Wire, White Plastic**
  - NATL-404W J-Clip 10/pk
  - NATL-405W Over Wire 10/pk
  - NATL-408W Clip 10/pk

#### Puck Light Accessories

- **Direct Plug-In LED Driver**
  - NAPK-524W/12 12V 24W
  - NATL-524W 24V 24W
  - NATL-545W 24V 45W

- **Direct Plug-In LED Driver**
  - NA-560W/12 12V 60W
  - NATL-560W 24V 96W

- **Class II Driver:**
  - Non-Dimmable
    - NATL-5100HW 24V 81.6W

- **Class II Driver with Breakers:**
  - ELV dimming
    - NAPKED-5040HW 12V 42W
    - NAPKED-5060HW 12V 60W
  - MLV dimming
    - NMT-40/12D 12V 40W
    - NMT-60/12D 12V 60W
    - NMTD-60/12D 12V 60W
    - NMTD-96/24D 24V 96W

- **Touch Dimmer**
  - NATL-518W

- **Low Voltage Splice Box**
  - NATL-415W

- **Terminal Block**
  - NATL-407 4-Way
  - NATL-408 8-Way

- **Class II Driver with Regulator:**
  - MLV dimming
    - NMTD-40/12D 12V 40W
    - NMTD-60/12D 12V 60W
    - NMTD-60/24D 24V 60W
  - Power Line Connector
    - NATL-10 12' Cable
    - NATL-30 30' Cable

- **Power Line Splitter**
  - NATL-302W

- **6-Port Power Line Interconnect**
  - NMPA-6P-24B Black
  - NMPA-6P-24W White

- **Extension Cables**
  - NMPA-EW-12 12" Black
  - NMPA-EW-24 24" Black
  - NMPA-EW-36 36" Black
  - NMPA-EW-48 48" Black

- **Recessed Flange for Adjustable**
  - NMP-ARECB Black
  - NMP-ARECRBN Brushed Nickel
  - NMP-ARECBZ Bronze
  - NMP-ARECW White

- **2' Wire Raceway**
  - NATL-422B black
  - NATL-422W white

- **Clips for Wire, White Plastic**
  - NATL-404W J-Clip 10/pk
  - NATL-405W Over Wire 10/pk
  - NATL-408W Clip 10/pk
### 12V LED DRIVERS

<table>
<thead>
<tr>
<th>INPUT VOLTAGE</th>
<th>OUTPUT VOLTAGE / WATTAGE</th>
<th>DIMMING</th>
<th>ITEM NO.</th>
<th>STANDARD TAPE</th>
<th>RGB TAPE</th>
<th>JOSH PUCK LIGHT</th>
<th>DIMENSIONS / DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V</td>
<td>12V 60W</td>
<td>Integral 100-5%</td>
<td>NATL-SWEX60/12A</td>
<td>●</td>
<td>●</td>
<td>Fits in standard gang box</td>
<td></td>
</tr>
<tr>
<td>120V</td>
<td>12V 24W</td>
<td>Non-Dimmable</td>
<td>NAPK-524W/12</td>
<td>●</td>
<td>●</td>
<td>4’ Cord and Plug, White finish</td>
<td></td>
</tr>
<tr>
<td>120V</td>
<td>12V 50W</td>
<td>Non-Dimmable</td>
<td>NAPK-560W/12</td>
<td>●</td>
<td>●</td>
<td>4’ Cord and Plug &amp; 4’ Power Line Connector</td>
<td></td>
</tr>
<tr>
<td>120V</td>
<td>12V 35W</td>
<td>ELV</td>
<td>NAPKED-5040HW</td>
<td>●</td>
<td>●</td>
<td>Width: 2-1/8&quot; Length: 9-1/2&quot; Height: 1-1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>120V</td>
<td>12V 60W</td>
<td>ELV</td>
<td>NAPKED-5060HW</td>
<td>●</td>
<td>●</td>
<td>Width: 2-1/8&quot; Length: 9-1/2&quot; Height: 1-1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>120V-277V</td>
<td>12V 60W</td>
<td>0-10V</td>
<td>NATL-5060-12-HWD10</td>
<td>●</td>
<td>●</td>
<td>Width: 3-3/8&quot; Length: 11-1/4&quot; Height: 3-1/4&quot;</td>
<td></td>
</tr>
<tr>
<td>120V</td>
<td>12V 240W</td>
<td>MLV</td>
<td>NMT-244/12C2D1</td>
<td>●</td>
<td>●</td>
<td>Width: 8-1/2&quot; Length: 13&quot; Height: 4-1/4&quot;</td>
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<tr>
<td>277V</td>
<td>12V 240W</td>
<td>MLV</td>
<td>NMT-244/12C2D2</td>
<td>●</td>
<td>●</td>
<td>Width: 8-1/2&quot; Length: 13&quot; Height: 4-1/4&quot;</td>
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<tr>
<td>120V-277V</td>
<td>12V 40W</td>
<td>MLV</td>
<td>NMTD-40/12D</td>
<td>●</td>
<td>●</td>
<td>Width: 3&quot; Length: 10&quot; Height: 2-1/4&quot;</td>
<td></td>
</tr>
<tr>
<td>120V-277V</td>
<td>12V 60W</td>
<td>MLV</td>
<td>NMTD-60/12D</td>
<td>●</td>
<td>●</td>
<td>Width: 3&quot; Length: 10&quot; Height: 2-1/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### DRIVER ACCESSORIES

- **Power Line Connector**
  - NATL-10 17’ Cable
  - NATL-30 30’ Cable
  - For use with Class II drivers.

- **5’ Power Line Splitter**
  - NATL-302W
  - Splits power line connector into two separate leads, requires power line cable.

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

- **Low Voltage Splice Box**
  - NATL-415W
  - Joins low voltage lead to low voltage power line connector or interconnector.

- **Terminal Block**
  - NATL-407 4-Way
  - NATL-408 8-Way
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>INPUT VOLTAGE</th>
<th>OUTPUT VOLTAGE / WATTAGE</th>
<th>DIMMING</th>
<th>ITEM NO.</th>
<th>INPUT VOLTAGE</th>
<th>OUTPUT VOLTAGE / WATTAGE</th>
<th>DIMMING</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATL-SWEX60/24A</td>
<td>120V</td>
<td>24V 60W</td>
<td>Integral 100-5%</td>
<td>• • • • • • • • • •</td>
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<tr>
<td>NATL-SWEX100/24A</td>
<td>120V</td>
<td>24V 100W</td>
<td>Integral 100-5%</td>
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</tr>
<tr>
<td>NATL-524W</td>
<td>120V</td>
<td>24V 24W</td>
<td>Non-Dimmable</td>
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<tr>
<td>NATL-545W</td>
<td>120V</td>
<td>24V 45W</td>
<td>Non-Dimmable</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NATL-5100HW</td>
<td>120V-240V</td>
<td>24V 81.6W</td>
<td>Non-Dimmable</td>
<td>• • • • • • • • • •</td>
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<tr>
<td>NATLED-5040HW</td>
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<td>24V 40W</td>
<td>ELV</td>
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<tr>
<td>NATLED-5057HW</td>
<td>120V</td>
<td>24V 75W</td>
<td>ELV</td>
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</tr>
<tr>
<td>NATL-5096-24-HWD10</td>
<td>120V-277V</td>
<td>24V 81.6W</td>
<td>0-10V</td>
<td>• • • • • • • • • •</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>NATL-5033/24C2D1</td>
<td>120V-277V</td>
<td>24V 300W</td>
<td>MLV</td>
<td>• • • • • • • • • •</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NATL-5033/24C2D2</td>
<td>277V</td>
<td>24V 300W</td>
<td>MLV</td>
<td>• • • • • • • • • •</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NATL-60/24D</td>
<td>120V</td>
<td>24V 60W</td>
<td>MLV</td>
<td>• • • • • • • • • •</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NATL-96/24D</td>
<td>120V</td>
<td>24V 96W</td>
<td>MLV</td>
<td>• • • • • • • • • •</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**NEXUS® All-In-One LED Driver and Dimmer**
Eliminates driver. Allows 120V input from single gang box. On/Off switch.

**Direct Plug-In LED Driver**
Dimensions: 4’ Cord and Plug

**NEXUS® All-In-One LED Driver and Dimmer**
Eliminates driver. Allows 120V input from single gang box. On/Off switch.

**Direct Plug-In LED Driver**
Dimensions: 55’ Cord and Plug and 44’ Power Line Connector

**Direct Plug-In LED Driver**
Dimensions: 4’ Cord and Plug

**Direct Plug-In LED Driver**
Dimensions: 4’ Cord and Plug

**Direct Plug-In LED Driver**
Dimensions: 4’ Cord and Plug

**Direct Plug-In LED Driver**
Dimensions: 4’ Cord and Plug

**Direct Plug-In LED Driver**
Dimensions: 4’ Cord and Plug

**Class II Hardwire LED Driver - Non-Dimmable**
Includes 10’ Power Line Connector
Dimensions: W: 3-1/2” L: 11-1/4” H: 3-1/4”

**Class II Hardwire LED Driver - ELV Dimming**
Includes 10’ Power Line Connector
Dimensions: W: 2-1/8” L: 9-1/2” H: 1-1/2”

**Class II Hardwire LED Driver - 0-10V Dimming**
Includes 10’ Power Line Connector
Dimensions: W: 3-1/4” L: 8-1/2” H: 3-1/4”

**Class II Hardwire LED Driver with (3) 100W Breakers**
Power Line Connector(s) not included
Dimensions: W: 3” L: 10” H: 2-1/4”

**Class II Hardwire LED Driver with Regulator**
Includes 10’ Power Line Connector

---

**Power Line Connector**
NATL-10 17 Cable
NATL-30 30 Cable
For use with Class II drivers.

**Touch Dimmer**
NATL-518W 12W max. no power fail memory, touch on/off and hold to dim.

**Low Voltage Splice Box**
NATL-415W Joins low voltage lead to low voltage power line connector or interconnector.

**Terminal Block**
NATL-407 4-Way
NATL-408 8-Way

---

**5” Power Line Splitter**
NATL-302W Splits power line connector into two separate leads, requires power line cable.