

OFFEE

CNORA

# LINEAR / ACCENT LIGHTBAR, TAPE, PUCK, UNDERCABINET

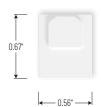


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Nora's family of products for linear, accent, or discrete general lighting is limited in application only by the lighting designer's imagination. These fixtures are compact in design and meet various energy requirements while achieving desired lighting 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 Lightbar, LEDUR Under Cabinet, Bravo FROST Linear, NULS, 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.



# LED LIGHTBAR LINEAR 120V 200LM/FT



Lightbar Lengths: 6", 12", 24", 48"

120V LED Lightbar creates an uniform seamless line of light, with internal magnets for easy installation. Luminaires produce 200 lumens per foot in a Dedicated 3000K CCT. Lightbars are a perfect solution for under cabinet, in cabinet, cove, display, and general commercial, retail and residential lighting applications.

#### FEATURES:

- 120V system no driver required
- $\cdot\,$  Uniform reflectance with NO diode image
- $\cdot$  200 lumens and 3W per foot
- Dedicated 3000K at 90+ CRI
- Four different lengths; 6", 12", 24" and 48"
- Easy installation with internal magnets or flat mounting brackets (included)
- End to End Connector included
- Dimmable with Triac / ELV
- White finish
- · Can be connected up to 40' per run

#### INCLUDED WITH EVERY LIGHTBAR:

- (1) End Cap [NULBA-CAP]
- (1) End to End Connector [NULBA-200]
- · (2) Flat Mounting Brackets [NULBA-MB] <u>Note:</u> 48" Lightbars include three mounting clips

Voltage: 120V Lumens/Wattage Per Foot: 200Im / 3W Color Temperature: 3000K Color Rendering Index: 90+ CRI Dimming: Triac or ELV Max Run Length: 40'

**MOUNTING:** Each luminaire includes two internal magnets to easily mount to any metal surface. Flat mounting brackets are also included with each luminaire. 90° Swivel mounting brackets and metal plates accessories are also available.

FINISH: White

ELECTRICAL:

#### LISTINGS & WARRANTY:

- $\cdot$  cETLus Listed for Damp Locations
- Certified to the high efficacy requirements of California Title 24 JA8-2022
- FCC compliant
- 5-Year Limited Warranty



#### LED LIGHTBAR

NULB120-06LED930W	6" / 100lm / 1.5W
NULB120-12LED930W	12" / 2001m / 3W
NULB120-24LED930W	24" / 400lm / 6W
NULB120-48LED930W	48" / 800lm / 12W

Example: NULB120-24LED930W

24" LED Lightbar, 3000K / 90+CRI, White finish



#### LIGHTBAR ACCESSORIES



Junction Box NUA-902W

Used to power NULB120 Series using hardwire power cord. W: 1-3⁄4" L: 3-5⁄8" H: 1-1⁄4"

White



2-Wire Hardwire Power Cord	
NULBA-160H	60'
NULBA-196H	96'
Power cord connects fixture to junctio	n hr

Power cord connects fixture to junction box.

 Cord and Plug
 39"

 NULBA-139P
 39" with 90° Elbow

 39" Power cord to connect fixture to an outlet.
 39"

2	

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

Accessories	
NULBA-200	End-to-End Connector
NULBA-206	6" Linking Cable
NULBA-CAP	End Cap
(4) = 1	

(1) End-to-End connector and (1) End Cap are included with each luminaire.





Mounting Accessories	
NULBA-MB	(2)

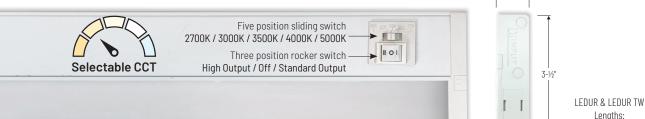
NULBA-MB	(2) Flat Brackets
NULBA-MB60	(2) Swivel Brackets
NULBA-MP	(2) Metal Plates
NUTP13-ADHTAPE	3M™ Adhesive

(2) Flat mounting brackets are included with each luminaire. Adhesive tape is ordered by feet.

LEDUR & LEDUR TW LINEAR 120V 475LM/FT

DEDICATED CCT OR SELECTABLE





Lengths: 8", 11", 18", 22", 32", 42"

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
- $\cdot$  7 Watts average per foot
- 90+ CRI
- Frosted Lens / No Diode Image
- $\cdot$  Dimmable
- $\cdot$  Built-in On/Off switch
- $\cdot$  White or Bronze finishes
- $\cdot$  Less than 1" in depth
- $\cdot\,$  Each unit can be hardwired with Romex feed
- Each unit includes Romex<sup>™</sup> Connector
- Easy to mount with captive screws
- · Linkable up to 400 Watts

ELECTRICAL:

Input Voltage: 120V Lumens / Wattage: Up to 475Im / 7W per foot Color Temperature: Dedicated 3000K or Selectable CCT (27K / 30K / 35K / 40K / 50K) CRI: 90+ CRI Maximum Run Length: 400W max. Dimming: ELV

**MOUNTING:** Captive screws make mounting easy and quick.

and quick. **INCLUDED:** Captive screws for mounting, Romex

remove electrical compartment cover. **FINISHES:** Bronze (BZ) or White (W)

connector, end-to-end connector and tool to

#### LISTINGS & WARRANTY:

- · cULus Listed for Dry Location
- $\cdot \ \text{ENERGY STAR}^\circ \mbox{Certified}$
- Certified to the high efficacy requirements of California Title 24 JA8-2022
   5-Year Limited Warranty



#### **LEDUR** LED LINEAR (360LM PER FT.)

SERIES / LENG	TH / WATT	CCT	FINISH
NUD-8808	8" / 4.5W	<b>/30</b> 3000K	BZ
NUD-8811	11" / 6.7W		Bronze
NUD-8818	18" / 11W		WH
NUD-8822	22" / 12W		White
NUD-8832	32- <sup>3</sup> ⁄16" / 16W		
NUD-8842	42" / 20W		

Example: NUD-8811/30WH

11" LEDUR Under Cabinet, 3000K, White finish

#### LEDUR TW LED LINEAR (475LM PER FT.)

SERIES / LENGTH /	WATT	CCT	FINISH
NUDTW-8811	11" / 7W	/23345	BZ
NUDTW-8818	18" / 9W	Selectable CCT	Bronze
NUDTW-8822	22" / 11W	(27K / 30K / 35K	WH
NUDTW-8832	32" / 16W	/ 40K / 50K)	White
NUDTW-8842	42" / 20W		

Example: NUDTW-8811/23345BZ

11" LEDUR TW Under Cabinet, 27K-30K-35K-40K-50K, Bronze

LEDUR & LEDUR TW ACCESSORIES

B or W

S Note: Luminaire can be hardwired or with accessories to power run.



Junction Box NUA-802

Hardwire box used to power LEDUR Series using jumper cable or NUA-804 (Hardwire Connector).

L: 4" W: 1-3⁄4" H: 1"

Note: LEDUR Series can be direct wired into fixture.



3-Wire Hardwire Power Cord

NUA-804 B or W 3-Wire grounded connector/cable used to

hardwire fixture to NUA-802.

#### 3-Wire 72" Cord & Plug NUA-805

NUA-805 B or W Converts fixture from hardwire to direct plug-in units using connector pins on either end of fixture. Grounded plug.



Jumper Cables		
NUA-806	6"	B or W
NUA-812	12"	B or W
NUA-824	24"	B or W
NUA-872	72"	B or W

Used to join fixtures together or to NUA-802.



End to End Connector NUA-803

Use to join fixtures seamlessly together. 3-Wire grounded connector (one included with fixture).



# BRAVO FROST TW LED LINEAR 120V 850LM/FT





Bravo FROST TW Lengths: 12", 16", 24", 32"

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 CTT (3000K, 3500K or 4000K)
- · Available in 4 different lengths: 12", 16", 24" or 32"
- Dimmable
- · Linkable up to 270 Watts fixtures (about 27ft.)
- $\cdot$  Less than 1" depth
- · Self contained electronic driver in each unit
- $\cdot \,\, 0^\circ$  to 90° adjustable mounting brackets included

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

**MOUNTING:** Adjustable mounting brackets  $0^{\circ}$ - $90^{\circ}$  (included).

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

FINISHES: White (W)

#### LISTINGS & WARRANTY:

- $\cdot$  cULus Listed for Dry Location
- ENERGY STAR<sup>®</sup> Certified
- Certified to the high efficacy requirements of California Title 24 JA8-2022
- · 5-Year Limited Warranty



#### BRAVO FROST TW LED LINEAR

SERIES / LENGTH / WATT	CCT	FINISH
NUDTW-9812 12" / 10W NUDTW-9816 16" / 13W NUDTW-9824 24" / 20W NUDTW-9832 32" / 26W	Selectable CCT (3000K / 3500K / 4000K)	W White

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

90° Adjustability with included mounting bracket

#### BRAVO FROST TW ACCESSORIES

White

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



Junction Box NUA-902W

Used to power NUDTW-98 Series using hardwire power cord. W: 1-3⁄4" L: 3-5⁄8" H: 1-1⁄4"



3-Wire Hardwire Power Cord NUA-904W 72" White 3-Wire connector used to hardwire fixture to NUA-902 (Junction Box).

#### Cord and Plug

NUA-905W 72" White 6' Grounded AC power cord to connect fixture to an outlet.



# NUA-903W end to end White NUA-906W 6" White NUA-912W 12" White NUA-924W 24" White NUA-972W 72" White

NUA-972W 72" White Used to join two fixtures together or to NUA-902 (Junction Box).



# Adjustable Mounting Brackets **NUA-909W** set of 2 White

Set of two brackets used fixture between  $0^\circ$  to  $90^\circ.$  Two brackets are included with each fixture.

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# NULS LED LINEAR 120V 5251 M/FT







NULS Lengths: 11", 21-3/16", 33", 44-13/16"

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; 45" / 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-toend connector included with each fixture.

FINISHES: White (W)

#### LISTINGS & WARRANTY:

- $\cdot$  cULus Listed for Dry Location
- DLC Listed
- 5 Year Limited Warranty



#### NULS LED LINEAR

SERIES / LENGTH / WATT		FINISH	
11" / 4W	27 2700K	W White	
21-3⁄16" / 8W	<b>30</b> 3000K		
33" / 12W	<b>40</b> 4000K		
44-13/16" / 16W			
	11" / 4W 21- <sup>3</sup> ⁄16" / 8W 33" / 12W	11" / 4W         27         2700K           21-3/16" / 8W <b>30</b> 3000K           33" / 12W <b>40</b> 4000K	

Example: NULS-LED2130W

21" NULS LED Linear, 3000K, White finish



Mounting brackets and end-to-end connector included with each fixture. (NULSA-MTGKIT)



#### 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: 1-3/4" H: 1"



3-Wire 72" Hardwire Power Cord NULSA-272-HWC

72" 3-Wire connector used to hardwire 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.

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# 7 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 light roll includes (1) power cord
- Available in rolls up to 100' length
- No soldering / cuttable / 3M<sup>™</sup> adhesive back
- COB tape light can be cut every 1.31" (RGBW) or 1.79" (HO & Standard) and connected easily with accessories
- Continuous Rolls can be cut every 4" and connected easily with accessories

• Variety of mounting accessories and channels available for surface or recessed applications



#### SINGLE COLOR

- IP65 RATED NUTP13 (120V) · 330 LUMENS / 3.6W PER FOOT
- 2. COB NUTP14 (24V) · 450 LUMENS / 4.5W PER FOOT NUTP15 (24V) · 210 LUMENS / 2.4W PER FOOT
- 3. SIDE-LIT NUTP9 (24V) · 70 LUMENS / 1.05W PER FOOT
- 4. CONTINUOUS ROLLS NUTP71 (24V) · 80 LUMENS / 1.5W PER FOOT NUTP51 (24V) · 375 LUMENS / 4.25W PER FOOT NUTP81 (24V) · 450 LUMENS / 6.5W PER FOOT

#### **MULTI COLOR**

- COMFORT DIM (WARM DIM) NUTP12 (24V) · 170 LUMENS / 2.44W PER FOOT WARMS FROM 3000K TO 1800K
- 6. RGBW COB COLOR CHANGING NUTPCOB-RGBW (24V) · 300 LUMENS / 5.5W PER FOOT RED, GREEN, BLUE & WHITE (3000K)
- 7. CCT COLOR TUNING NUTP10 (24V) · 290 LUMENS / 2.25W PER FOOT 2500K TO 4500K (SELECTABLE CCT)

# LED TAPE LIGHT $\cdot$ SINGLE COLOR

## 120V IP65 LED TAPE LIGHT 120V 330LM/FT



#### 

Tape Width: ¾ Tape Depth: ¼ Lengths: 150' max.

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
- $\cdot$  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
- $\cdot\,$  Mounting clips included, channels are available

#### ELECTRICAL:

#### Voltage: 120VAC

Wattage: 3.6W per foot Lumens: 330Im per foot Color Temperature: 2700K, 3000K or 4000K Color Rendering Index: 90+ CRI Maximum Run Length: 150' per power feed Dimming: Triac **MOUNTING:** Optional aluminum channels and mounting clips are available. Recommend mounting clip distance is 1' apart.

ACCESSORIES: Tape light is recommeded to be used with surge protector accessory when installed outdoors or longer run lengths. Accessories must be ordered together and are factory installed.

#### LISTINGS & WARRANTY:

- $\cdot$  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



SINGLE LENGTH (SEE PA	GE 15 FOR SYSTEM)	CCT	POWER CORD
NUTP13-W150-12 NUTP13-WX-Y-12	150' Roll Custom Cut	-927 2700K -930 3000K -940 4000K	/HW Hardwired /HWSP Hardwire w/ Surge Protector /CP Cord & Plug /CPSP Cord & Plug w/ Surge Protector

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.

#### CONTINUOUS IP65 RATED TAPE ACCESSORIES



 Built-In Surge Protector

 /CPSP
 Cord & Plug

 /HWSP
 Hardwire

 Built in surge protector is used to protect LED tape light from voltage variations. 8' power

tape light from voltage variations. 8' power cord can be hardwired for dimming or plug for standard outlets. Factory installed.



Linking Cable
NATL-IP65/EW-06

10

6" cable used to for turns or gaps needed between LED tape lights. Factory installed. Consult factory for layout.

6"



Surge Protector NATL-IP65/SP External surge protector used to protect LED tape light from voltage variations. Must be

used with hardwire power cord.



 90° Connector
 90° Left

 NATL-IP65/C90-L
 90° Left

 NATL-IP65/C90-R
 90° Right

 90° Connector used to turn LED tape light run.
 Factory installed. Consult factory for layout.



3M<sup>™</sup> Adhesive Tape NUTP13-ADHTAPE Used to mount tape light to various surfaces



Mounting Clips (Pack of 2)
NATL-IP6512
Clear
Two included per foot

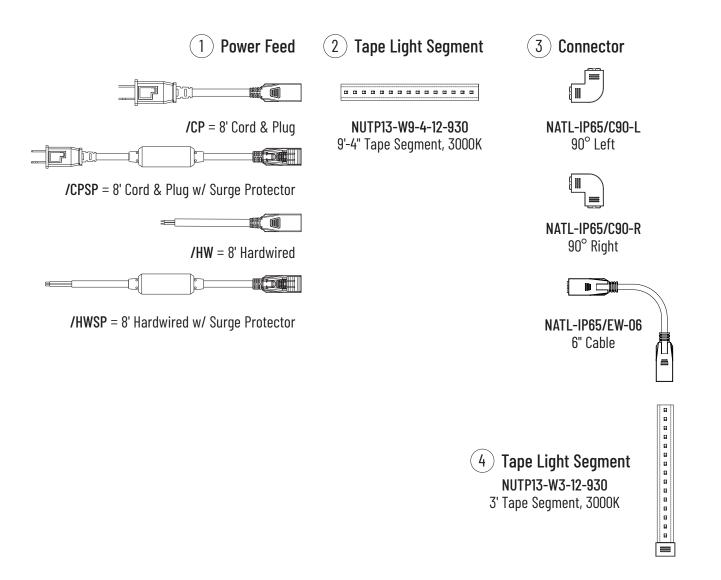


4' Deep Channel

NATL-CIP25A	Aluminium w/wing
NATL-CIP26A	Aluminium
NATL-CIP26B	Black
NATL-CIP26W	White

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

# 120V IP65 LED TAPE LAYOUT WORKSHEET



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

1 8' Power Feed	2 First Segment Tape Light Length	3 Connector	4 Second Segment Tape Light Length	For additi
Cord & Plug	Length: Feet	6" Cable	Length: Feet	repeat s
Cord & Plug w/ Surge Protector	Inches* * Increments of 4"	90° Left	Inches* * Increments of 4"	
Hardwired	Color Temperature	90° Right		-
Hardwired w/ Surge Protector	2700K 3000K 4000K		-	

For additional sections, repeat steps 3 and 4

#### LED TAPE LIGHT $\cdot$ SINGLE COLOR

### COB LED TAPE LIGHT 24V 210LM/FT or 450LM/FT





COB LED Tape light creates an uniform seamless line of light, without the need for additional diffused covers or accessories. Producing up to 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.

Cuttable every 1.79" at marked intervals Tape Width: 0.39" Tape Depth: 0.8" Lengths: 16.4' or 100' Rolls

#### FEATURES:

- · 24V systems
- Field cuttable every 1.79"; reconnect with accessories
- High Output: 73.8W per 16.4' roll 4.5W per foot Standard: 39.4W per 16.4' roll - 2.4W per foot
- Dedicated color temperature (2700K, 3000K, 3500K or 4000K)
- No soldering or additional wiring required
- High Output: 16.4' maximum run length Standard: 40' maximum run length
- Easy to install with pre-applied 3M<sup>™</sup> tape or accessories
- · Dimmable with dimmable power supply

#### ELECTRICAL:

Voltage: 24V Wattage: 4.5W/ft. (H0) or 2.4W/ft. (Standard) Lumens: 450Im/ft. (H0) or 210Im/ft. (Standard) Color Temperature: 2700K, 3000K, 3500K, 4000K Color Rendering Index: 90+ CRI Maximum Run Length: 16.4' (H0) or 40' (Standard)

#### INCLUDED WITH TAPE LIGHT ROLL:

(1) 16.4' or 100' Tape Light Roll (1) 12" power cord

(32) clear acrylic clips

 $\label{eq:discrete} \textbf{DRIVER:} \ \text{Required} - \text{direct plug-in or Class 2} \\ \text{available.}$ 

#### LISTINGS & WARRANTY:

- cULus Listed for Dry Location
- RoHs compliant
- 5 Year Limited Warranty



#### **COB** 24V LED TAPE LIGHT

SERIES / LU	MENS	LENGTH	CCT
NUTP14	450lm/ft.	-COB24CV16 16.4' Roll	-927 2700K
	010 lm /ft	-COB24CV100 100' Roll	<b>-930</b> 3000K
NUTPIS	210lm/ft.		-935 3500K
			-940 YUUUK

Example: **NUTP14-COB24CV100-930** 24V 450lm/ft. COB LED Tape Light, 100' roll, 3000K

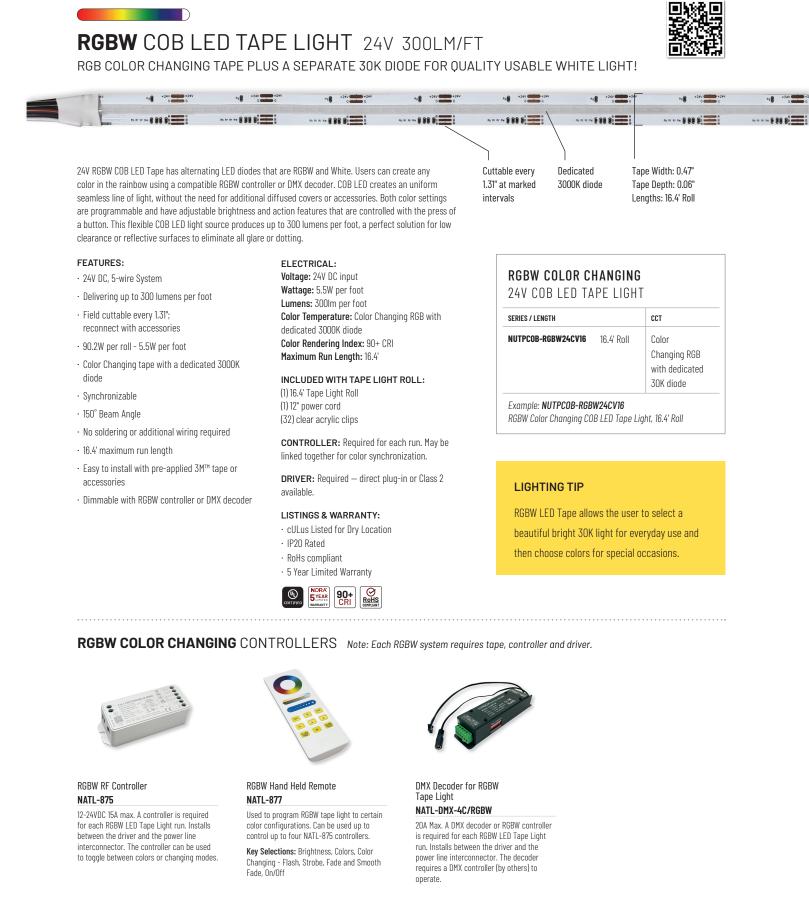


#### LED TAPE LIGHT · MULTI COLOR



#### LED TAPE LIGHT $\cdot$ MULTI COLOR

Scan for more info.



Note: Each RGBW system requires tape, controller and driver. Dimming is controlled by RGBW controller or DMX decoder.



#### Notes:

Each RGBW Tape run requires Tape, controller and driver. Dimmable drivers are only for powering RGBW tape. Dimming is controlled by Controller or DMX Decoder, see page 14. See page 29 for more information about drivers. 2500K Warm - 4500K Cool

CCT COLOR TUNING LED TAPE LIGHT 24V 290LM/FT

SELECT THE COLOR TEMPERATURE AND INTENSITY OF LIGHT FROM WARM 2500K TO COOL 4500K



00 88 00

#### 

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.

#### Cuttable every 4" at marked intervals

Tape Width: ½6" Tape Depth: ½6" Lengths: 16' Roll, 12" Section, 4" Section

- $\cdot$  216 LEDs / 36W per roll 18 LEDs / 2.25W per ft.
- · 24VDC / 4-wire system
- · Delivering up to 290 lumens per foot
- 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<sup>™</sup> tape or accessories

ELECTRICAL: Voltage: 24V Wattage: 2.25W per foot Lumens: 290Im per foot Color Temperature: Color Tuning 2500K-4500K Color Rendering Index: 80+ CRI 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 2 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 24V LED TAPE LIGHT series / LENGTH cct NUTP10-W16CCT 16' Roll Color Tuning 2500K-4500K NUTP10-WCCT/12 12" Section 2500K-4500K

NUTP10-WCCT/4 4" Section

Example: **NUTP10-W16CCT** 24V Color Tunning (2500K-4500K) LED Tape Light, 16' roll

16' Tape Rolls include sixteen 12" sections. 12" and 4" Tape sections contain male/female ends.

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



CCT RF Controller
NATL-875

12-24VDC 15A max. A controller is required for each CCT 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
NATL-877

Used to program CCT tuning tape light to certain configurations. Can be used up to control up to four NATL-875 controllers.

Key Selections: Brightness, Colors, Color Changing - Flash, Strobe, Fade and Smooth Fade, On/Off



CCT Touch Pad Wall Controller NACCT-868

Includes Mounting back box. Requires: Driver

Local control of CCT, on/off with memory and dimming.

#### LED TAPE LIGHT · MULTI COLOR

Note: Each CCT system requires tape, controller and driver. Dimming is controlled by CCT controller or DMX decoder.



NATL-302W

(Bright 3000K dims to Warm 1800K)

**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
- $\cdot$  Delivering up to 170 lumens per foot
- 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<sup>™</sup> tape or accessories
- Dimmable with Dimmable Magnetic Low Voltage Driver

#### ELECTRICAL:

Voltage: 24V Wattage: 2.44W per foot Lumens: 170Im 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



Cuttable every 2" at marked intervals Tape Width: 1⁄16" Tape Depth: 1⁄16" Lengths: 16' Roll

<b>COMFORT DIM</b> 24V LED TAPE LIGHT		
SERIES / LENGTH	CCT	
NUTP12-W16LEDCD 16' Roll	Comfort Dim 3000K-1800K	

Example: **NUTP12-W16LEDCD** 24V Comfort Dim LED Tape Light, 16' roll





#### LED TAPE LIGHT · MULTI COLOR

Note: See page 29 for more information about drivers.







Power Cord w/ DC Connector NATLCD-210 12"

Linking Cables NATLCD-203 NATLCD-206 NATLCD-224 24" NATLCD-248 48" NATLCD-272 72"

3"

6"



**Clear Acrylic Mounting Clips** NATL-401 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



4' Shallow Recessed Channel NATL-C23A aluminum



4' J-Style Channel NATL-C27A aluminum



NATL-C24A aluminum NATL-C24B black NATL-C24W white



NATL-C28B

NATL-C28W

4' Deep Recessed Channel NATL-C25A aluminum



aluminum

10'

30'

4' Deep Channel NATL-C26A aluminum NATL-C26W white

4' Channel NATHR-680 Note: Lens not included black white

Power Line Connector

NALTL-10

NALTL-30



Power Line Splitter NATL-302W

Notes:

Each Comfort Dim Tape run requires a magnetic driver and dimmer. See page 29 for more information

5"

about drivers.



Class 2 Driver with Breakers: Class 2 Driver with Regulator: MLV dimming MLV dimming NMT-303/24C2D1 120/24V (3) 100W NMT-303/24C2D2 277/24V (3) 100W



Low Voltage Splice Box NATL-415W

NMTD-60/24D 24V 60W NMTD-96/24D 24V 96W



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

LINEAR / ACCENT CATALOG

Scan for more info.

# SIDE LIT LED TAPE LIGHT 24V 70LM/FT



#### FEATURES:

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- Illuminates to the side, parallel to the mounting surface
- $\cdot$  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  $3M^{\mbox{\scriptsize IM}}$  tape or accessories
- $\cdot$  Dimmable with dimmable power supply

ELECTRICAL: Voltage: 24V Lumens / Wattage: 70Im / 1.05W per foot Light Source: 18 LEDs per foot Color Temperature: 2700K or 3000K Color Rendering Index: 80+ CRI Maximum Run Length: 64'

1

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

**DRIVER:** Required – direct plug-in or Class 2 available.

#### LISTINGS & WARRANTY:

 $\cdot$  cULus Listed for Damp Location

• 3 Year Limited Warranty



Cuttable Sid every 4" illu at marked sid intervals mo

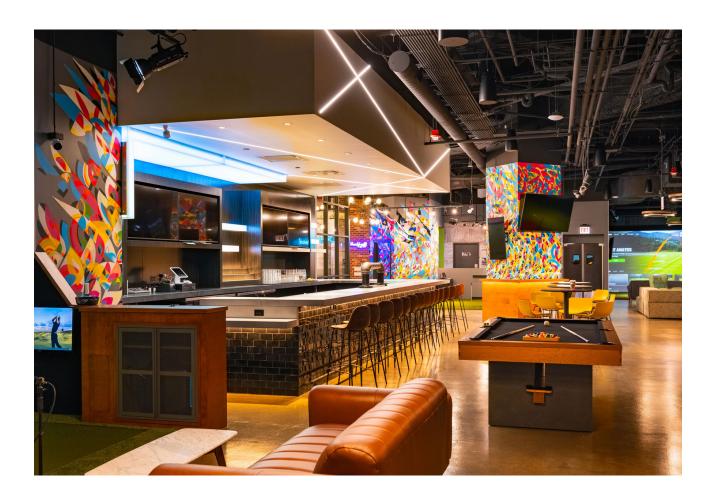
Side Lit tape illuminates to the side, parallel to the mounting surface Tape Width: ½6" Tape Depth: ½6" Lengths: 16' Roll, 12" Section, 4" Section

# SIDE-LIT 24V LED TAPE LIGHT SERIES / LENGTH CCT NUTP9-16LED(CCT) 16' Roll 27 2700K NUTP9-LED(CCT)/12 12" Section 30 3000K NUTP9-LED(CCT)/4 4" Section Example: NUTP9-16LED30 27

24V Side-Lit Tape Light, 16' Roll, 3000K

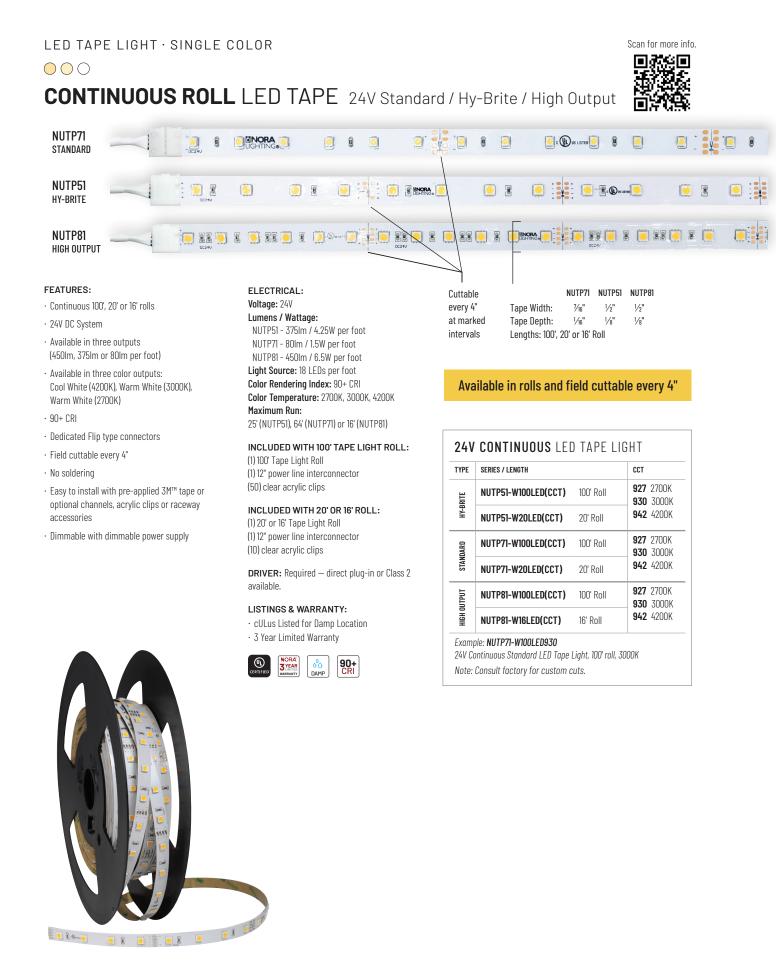
16' Tape Rolls include sixteen 12" sections.

12" and 4" Tape sections contain male/female ends.



Note: See page 29 for more information about drivers.





Note: See page 29 for more information about drivers.





Scan for more info.



#### MINIATURE DOWNLIGHT · SINGLE COLOR

 $\bigcirc \bigcirc$ 

# M1 SERIES 1" MINIATURE RECESSED 12V 1001 M / 2W

NM1-SSS











1" M1 LED Miniature Recessed Series (includes two black & two white plastic trims)

M1 miniature recessed series features quality and convenience with easy installation for indoor or outdoor applications. Each luminaire includes four plastic downlight trims, three optics and a 6" quick connect. Series is available in 2700K or 3000K and requires a 12VDC driver.

#### 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: 12VDC Driver required. NM1-DVR12: 12VDC 12W Non-Dimmable Driver NAPKED-5040HW: 12VDC 35W ELV Dimmable Driver NAPKED-5060HW: 12VDC 60W ELV Dimmable Driver

#### LISTINGS & WARRANTY:

- · cETLus Listed for Wet Locations
- 5-Year Limited Warranty
- FCC compliant



#### M1 SERIES LED MODULE

SERIES / LM / W	CCT	FINISH	
<b>NM1-170</b> 100lm / 2W	<b>27X</b> 2700K <b>30X</b> 3000K	<b>2PBW</b> (2) Square Plastic Trims in Black and White (2) Round Plastic Trims in Black and White	

Example: NM1-17030X2PBW (Requires 12V Dimmable Driver) 1" M1 LED Module and (4) Plastic Trims

M1	SERIES	TRIMS (	OPTIONAL)
----	--------	---------	-----------

SERIES / DESCRIPTION	FINISH
NM1-RSS 1" Round Stainless Steel	B Black
NM1-RAEYELID 1" Round Scoop	BN Brushed Nickel
NM1-RSSD 1" Round Stainless Indicator	W White
NM1-RLOUV 1" Round Louver	
NM1-RAIHEC 1" Round Hexcell Louver	
NM1-SSS 1" Square M1 Stainless Steel	

Example: NM1-RSSB M1 1" 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-5060HW 60W

Input Voltage: 120V Output Voltage: 12V DC

Hardwire Power Feed NM1-HWPC/24

24"



. . .

Linking Cables	
NM1-EXT6	6"
NM1-EXT12	12"
NM1-EXT18	18"
NM1-EXT48	48"
NM1-EXT240	240"
Use to extend the leng	th hetween

ween luminaire and driver / splitter / wire harness. Can be connected together to create custom lengths.



Splitter Cable (1 input - 6 output) NM1-TM6

Use to connect up to (6) NM1 LED modules to an LED driver. Input wire length: 4-3/4" Output wire lengths: 5-1/4" each



Wire Harness System NM1-WH6

Use to connect up to (6) NM1 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" each



New Construction Frame-In NM1-F

For new construction pre-wiring and easier layout planning

## PUCK LIGHTS · SINGLE COLOR

#### $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$

## 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 or Class 2 available.

#### LISTINGS & WARRANTY:

· cULus Listed for Damp Location • 5 Year Limited Warranty



#### JOSH FIXED LED PUCK LIGHT

SERIES / INPUT VOLTAGE	ССТ	FINISH
NMP-LED 12V	<b>27</b> 2700K	B Black
NMP2-LED 24V	<b>30</b> 3000K	BN Brushed Nickel
	<b>35</b> 3500K	BZ Bronze
	<b>40</b> 4000K	W White

**Recessed Mount** 

Surface Mount

2-3/4"

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

# $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$ JOSH ADJUSTABLE LED PUCK LIGHT 12V or 24V



NORA

Recessed with NMP-AREC



#### 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 or Class 2 available.

#### LISTINGS & WARRANTY:

- · cULus Listed for Damp Location
- 5 Year Limited Warranty



SERIES / INPUT VOLTAGE	CCT	FINISH			
NMP-A 12V	<b>27</b> 2700K	B Black			
NMP2-A 24V	<b>30</b> 3000K	BN Brushed Nicke			
	<b>35</b> 3500K	BZ Bronze			
	<b>40</b> 4000K	W White			

24V Josh Adjustable LED Puck Light, 3000K, Bronze finish







1/16"





# 12V LED DRIVERS

		INPUT Voltage	OUTPUT Voltage / Wattage	DIMMING	ITEM NO.	JOSH PUCK LIGHT	DIMENSIONS / DESCRIPTION			
		Direct Plug-In LED Driver								
	1 Case	120V	120V 12V 24W N		NAPK-524W/12	•	4' Cord and Plug, White finish			
	C.	Direct Plug-In LED Driver								
		120V	12V 50W	Non-Dimmable	NAPK-560W/12	•	4' Cord and Plug & 4' Power Line Connector			
-		Class 2 Hardwire LED Driver Includes 10' Power Line Connector								
		120V	12V 35W ELV		NAPKED-5040HW	•	Width: 2-1/8" Length: 9-1/2" Height: 1-1/2"			
		120V	12V 60W	ELV	NAPKED-5060HW	•	Width: 2-1/8" Length: 9-1/2" Height: 1-1/2"			
		Class 2 Hardwire LED Driver Power Line Connector not included								
	and and	110-277V	12V 60W	ELV, MLV, O-10V, PWN	1 NPSU-60W/12	•	Width: 4-1/8" Length: 6-1/4" Height: 1-5/8"			
		Class 2 Hardwire LED Driver Includes 10' Power Line Connector								
	A.C.	120V-277V	12V 60W	0-10V	NATL-5060-12-HWD10	•	Width: 3-3/8" Length: 11-1/4" Height: 3-1/4"			
		Class 2 Hardwire LED Driver with (4) 60W Breakers Power Line Connector(s) not included								
	00	120V	12V 240W	MLV	NMT-244/12C2D1	•	Width: 8-1⁄2" Length: 13" Height: 4-3⁄8"			
	4	277V	12V 240W	MLV	NMT-244/12C2D2	•	Width: 8-1⁄2" Length: 13" Height: 4-3⁄8"			
		Class 2 Ha	rdwire LED	Driver with Regulat	OT Includes 10' Power Line Co	nnector				
		120V-277V	12V 60W	MLV	NMTD-60/12D	•	Width: 3" Length: 10" Height: 2-1/8"			
	Power Line Connector NALTL-10 10 CC	able NATL	h Dimmer - <b>518W</b>	NAT	Voltage Splice Box L- <b>415W</b>	Terminal Block	4-Way			
	For use with Class 2 drivers. Power Line Splitter	30' Cable     72W max., no power fail memory, touch on/off and hold to dim.       5" Cable		d to dim. volta	low voltage lead to low ge power line connector or connector.	NATL-408	8-Way			
	Splits power line connector int two separate leads, requires power line cable.									

# 24V LED DRIVERS

	INPUT Voltage	OUTPUT Voltage / Wattage	DIMMING	ITEM NO.	COB TAPE	RGBW COB TAPE	CCT TAPE	COMFORT DIM TAPE	SIDE LIT TAPE	CONTINUOUS TAPE	<b>JOSH PUCK LIGHT</b>	
		NEXUS® All-In-One LED Driver and Dimmer Eliminates driver. Allows 120V input from single gang box. On/Off switch.										
						om sing I	gle gani	g box. U	in/Uff si	witch.		
	120V	24V 60W	Integral 100-5%	NATL-SWEX60/24A	•				•	•		
	120V	24V 100W	Integral 100-5%	NATL-SWEX100/24A	•				•	•		
Contraction of the second	Direct Plu	Direct Plug-In LED Driver Dimensions: 4' Cord and Plug										
	120V	24V 24W	Non-Dimmable	NATL-524W	•	•	•		•	•	•	
	120V	24V 45W	Non-Dimmable	NATL-545W	•	•	•		•	•	•	
1	Direct Plu	q-In LED Driv	er Dimensions: 55" Cord	I and Plug and 44" Power Line Co	onnecto	ır						
Sand I	120V	24V 96W	Non-Dimmable	NATL-596W	•	•	•		•	•	•	
	Class 2 Ha	Class 2 Hardwire LED Driver Includes 10' Power Line Connector Dimensions: W: 3-3/6" L: 11-1/4" H: 3-1/4"										
	120V-240V	24V 81.6W	Non-Dimmable	NATL-5100HW	•	• L. 11-	•	J-74	•	•	•	
	0. 0.11											
		1		er Line Connector Dimensions:	W: 2-1⁄8	" L: 9-'	1⁄2" H: 1	-1⁄2"				
	120V	24V 40W	ELV	NATLED-5040HW	•	•	•		•	•	•	
	120V	24V 75W	ELV	NATLED-5075HW	•	•	•		•	•	•	
	Class 2 Hardwire LED Driver Power Line Connector(s) not included											
	110-277V	24V 60W	ELV, MLV, 0-10V, PWM	NPSU-60W/24	•	•	•		•	•	•	
1 Dink	110-277V	24V 96W	ELV, MLV, 0-10V, PWM	NPSU-96W/24	•	•	•		•	•	•	
and the second s	110-277V	24V 288W	ELV, MLV, O-10V, PWM	NPSU-3X96W/24	•	•	•		•	•	•	
	Class 2 Ha	rdwire LED D	river with (3) 100W I	Breakers Power Line Connec	tor <u>not</u>	include	ed					
1	120V	24V 300W	MLV	NMT-303/24C2D1	•	•	•	•	•	•	•	
	277V	24V 300W	MLV	NMT-303/24C2D2	•	•	•	•	•	•	•	
	Class 2 Ha	rdwire I FD D	river with Regulator	Includes 10' Power Line Conne	ctor							
	120V-277V	24V 60W	MLV	NMTD-60/24D	•	•	•	•	•	•	•	
- C.D.	120V-277V	24V 96W	MLV	NMTD-96/24D	•	•	•	•	•	•	•	
Power Line Connector	Connector Touch Dimmer			Low Voltage Splice Box			Terminal Block					
NALTL-10	10' Cable N	ATL-518W		NATL-415W		NATL-407					4-Wa 8-Wa	
NALTL-30 For use with Class 2 drivers.		2W max., no powe buch on/off and h		Joins low voltage lead to low voltage power line connector or			NATL-408					
Power Line Splitter				interconnector.								
	5" Cable											
Power Line Connector NALTL-10 NALTL-30 For use with Class 2 drivers. Power Line Splitter NATL-302W Splits power line connector two separate leads, requires line cable.	into											

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