NORA | NSPEC®

ILLUMINATING THE FUTURE...SINCE 1989

NUTP7-LED (Amber Finish)
NUTP7-WLED (White Finish) 24V LED Tape Light Roll

Source: 24W - 1.5 Watts Per Foot

PRODUCT DESCRIPTION

Nora's very low profile, energy efficient LED tape is only 7/16" wide and 1/16" thick. Designed to cast no shadows, our flexible LED light boasts a desirable seamless glow. Installation is easy as each roll (16 feet) is separable every 12" and can also be cut every 4". Our durable tape is available in two styles, Wet label*, IP65 rated silicone encapsulated tape, and Damp label* IP44 non-encapsulated tape.

FEATURES

- 70Lumens per foot with 3000K CCT
- Availalbe in 90+ CRI
- 288 LEDs / 24W per roll; 18 LEDs / 1.5W per foot
- 12V or 24V DC single color illumination
- Available in White or amber background with 3 color outputs: Cool White (4200K), Warm White (3000K), Warm White (2700K)
- Seperable eery 12", easily disconnect and connect without soldering.
- Field cuttable every 4"
- Maximum run: Electronic Driver (24V) 66' with 100W driver
- Easy to install with pre-applied 3M tape, clips or channel.
- Dimmable with dimmable power supply
- Exceeds Title 24 high efficacy requirement

Included with every roll:
Each Tape Light Roll purchased includes a 9" power line connector [NATL-515 (12V) or NATL-509 (24V)], (15) clear acrylic clips, pre-applied 3M™ adhesive, and 16' tape consisting of 12" sections.

Tape Light Kit: Complete kit for basic 16' installation. Includes: (1) 16' Tape Light Roll, (15) Clear Acrylic Clips, (1) 9" Power Line Interconnector, and (1) LED Plug-In Driver

CONSTRUCTION

The 24V tape is separable every 12", and can be cut every 4" at marked intervals. Cutting does not effect circuit.

MOUNTING

Each Tape Light roll comes with 15 clear acrylic clips and also comes with pre-applied 3M™ adhesive tape for simple installation. Plastic channel (NATL-420) also available, sold separately.

ELECTRICAL

Power: 24V DC Input / 1.5 Watts Per Foot
Light Source: 18 LEDs per foot
Operating Temp.: -13˚ F to 140˚F (-25˚C to 60˚C)
Life Expectancy: 50,000 Hours
Maximum Run Length: 64' using 24V Tape and 96W driver

DIMMABLE

There may be some cases that require more than one lighting fixture to be used to meet minimum dimmer load. Consult with dimmer manfacturer. Click Here or refer to www.NoraLighting.com for complete updated dimmer list in the "Compatibility" page under the "Resource" tab.
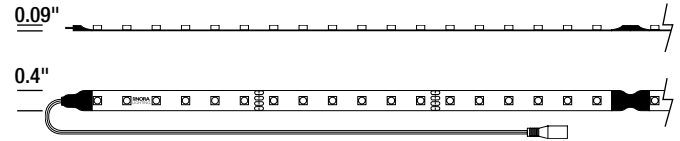
LISTINGS:

Consult spec sheet for current T24 status
cULus Listed for Damp Location (not submersible)
IP44 Rated

WARRANTY:

3 Year Limited Warranty

90+ CRI | c UL us LISTED | committed to GREEN

DIMENSIONS

Length: 4", 12", 16'
Width: 0.4"
Depth: 0.09"

HARDWIRE DRIVERS

NAPK-530HW/12: 12V DC / 30W Class II Hardwired LED Driver
NAPK-560HW/12: 12V DC / 60W Class II Hardwired LED Driver
NAPK-530HW: 24V DC / 30W Class II Hardwired LED Driver
NAPK-560HW: 24V DC / 60W Class II Hardwired LED Driver

PLUG-IN DRIVERS

NAPK-524/12: 12V DC / 24W Direct Plug-In LED Driver
NATL-524: 24V DC / 24W Direct Plug-In LED Driver
NATL-545: 24V DC / 45W Direct Plug-In LED Driver
NATL-550/12: 12V DC / 50W Direct Plug-In LED Driver
NATL-596: 24V DC / 96W Direct Plug-In LED Driver

DRIVER ACCESSORIES

NRA-125/6: 6" Extension Cord for NAPK-530HW/12 & NAPK-560HW/12
NRA-125/12: 12" Extension Cord for NAPK-530HW/12 & NATL-560HW/12
NRA-125/18: 18" Extension Cord for NAPK-530HW/12 & NATL-560HW/12
NRA-125/72: 72" Extension Cord for NAPK-530HW/12 & NATL-560HW/12
NRA-6035W/6: 6' Cord and Plug for NAPK-530HW/12 & NATL-560HW/12
NRA-6035W/10: 10' Cord and Plug for NAPK-530HW/12 & NATL-560HW/12
NUSP-JBox: Junction Box required for hardwiring NAPK-530HW/12 & NAPK-560HW/12

TAPE LIGHT ACCESSORIES

NATL-2xx: Interconnection Cable (available in 2", 6", 18", 36", 72")
NATL-300: "Y" Splitter Cable
NATL-301: "X" Splitter Cable
NATL-400: Shrink Wrap Tube (Pack of 5)
NATL-401: Clear Acrylic Mounting Clips (Pack of 15)
NATL-403: End Cap
NATL-420: 4' Plastic Channel (Black or White)
NATL-515: 9" Power Line Interconnector
NATL-517: 11" Power Line Interconnector with Switch
NATL-C23: 4" Aluminum Channel, Shallow w/ Wings
NATL-C24: 4" Aluminum Channel, Shallow
NATL-C25: 4" Aluminum Channel, Deep w/ Wings
NATL-C26: 4" Aluminum Channel, Deep
NATL-C27: 4" Aluminum Channel, J-Style
NATL-C28: 4" Aluminum Channel, Corner
**NATL-518:** In-Line Dimmer (12V & 24V, 72W Max)

24V LED Tape Light Roll

Catalog No.	Finish	Roll Length	Source	90+ CRI	Color Temp.	Section Length
NUTP7-	(blank) = Amber Finish	16 = 16ft	LED	9	27 = 2700k	/4 = 4"
	W = White Finish				30 = 3000k	/12 = 12"
					42 = 4200k	

Standard LED Tape Light Optional Accessories
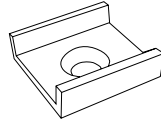
Interconnection Cable
The interconnection cables allow for linking of any tape lights in any direction or extension of power line interconnectors. The arrow on the interconnection cable must always be facing upward to maintain polarity. Interconnection cables may be joined together for custom lengths.
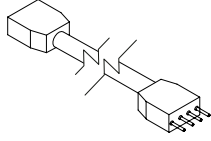
NATL-202: 2" Interconnection Cable
NATL-206: 6" Interconnection Cable
NATL-218: 18" Interconnection Cable
NATL-236: 36" Interconnection Cable
NATL-272: 72" Interconnection Cable

Clear Acrylic Mounting Clips (Pack of 15)
Used to mount tape light to surface, includes mounting screws. Pack of 15 are included with every Tape Light roll.

NATL-401: Clear Acrylic Mounting Clips (Pack of 15)

Power Line Interconnector
To connect a Tape Light run directly to LED Driver. NATL-509 is included with every Tape Light roll.

9"
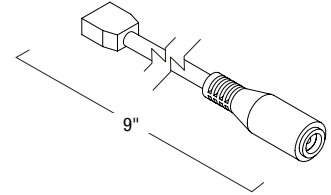
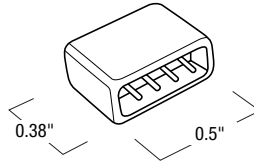**NATL-509:** 9" 24V Power Line Interconnector

"Y" Splitter Cable
Splits connection from one tape light or driver into two separate tape lights.
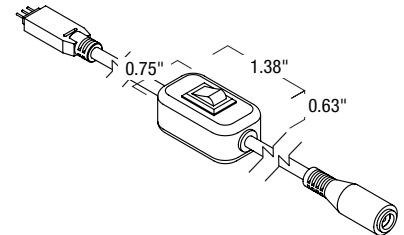
3"
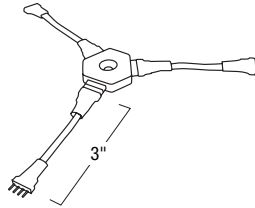
NATL-300: "Y" Splitter Cable

End Cap
Used to cover open end of Tape Light.

0.38"   0.5"

NATL-403: End Cap

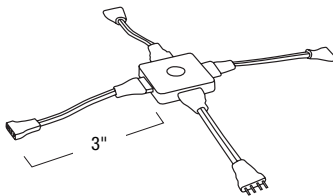## Power Line Interconnector with Switch
Allows for individual switching on any Tape Light run. Connects a Tape Light run directly to LED Driver.

0.75"   1.38"
0.63"

NATL-511: 11" Power Line Interconnector w/Switch
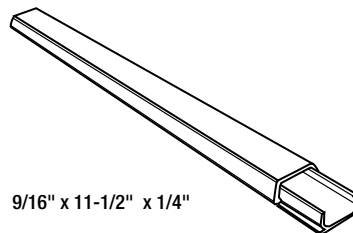
"X" Splitter Cable
Splits connection from one tape light or driver into three separate tape lights.

3"

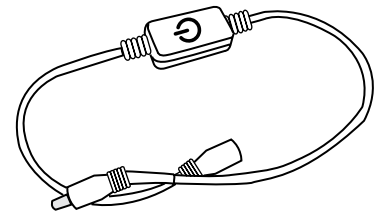**NATL-301:** "X" Splitter Cable

NATL-422W: 2' Wire Raceway (White). Field cuttable plastic (Includes wire channel with double faced tape and cover)

NATL-422B: 2' Wire Raceway (Black). Field cuttable plastic (Includes wire channel with double faced tape and cover)
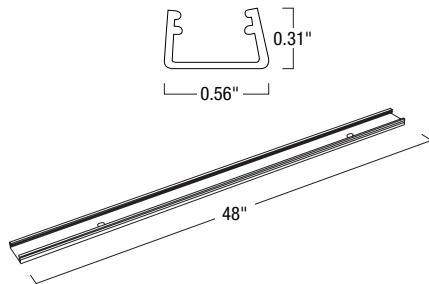
9/16" x 11-1/2" x 1/4"

**NATL-518:** In-Line Dimmer (12V & 24V, 72W Max)

Plastic Channel
Used to mount tape light to various surfaces.
Tape Light snaps into the channel. Field Cuttable.
Recommended for most installations.

0.31"
0.56"
48"

NATL-420B: 4' Plastic Channel, Black
NATL-420W: 4' Plastic Channel, White

Aluminum Channel
Used to mount tape light to various surfaces.
Includes plastic diffuser

48"
1.18"
0.50"
0.93"
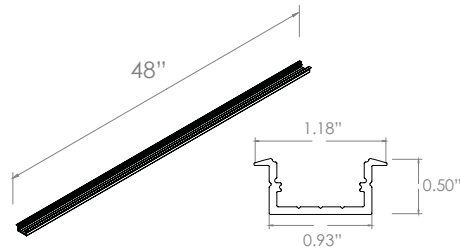
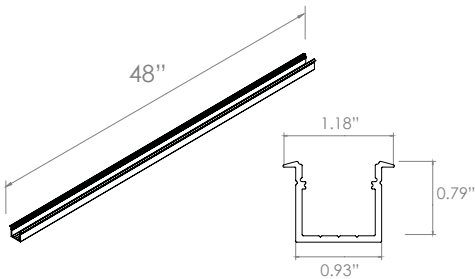**NATL-C23:** 4' Aluminum Channel, Shallow w/ Wings

Aluminum Channel
Used to mount tape light to various surfaces.
Includes plastic diffuser

48"
0.5"
0.93"
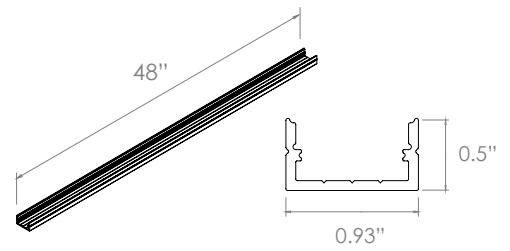
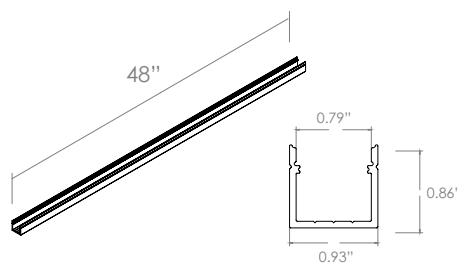**NATL-C24:** 4' Aluminum Channel, Shallow

Aluminum Channel
Used to mount tape light to various surfaces.
Includes plastic diffuser.

48"
1.18"
0.79"
0.93"

NATL-C25: 4' Aluminum Channel, Deep with Wings

Aluminum Channel
Used to mount tape light to various surfaces.
Includes plastic diffuser.

48"
0.79"
0.86"
0.93"

NATL-C26: 4' Aluminum Channel, Deep

Aluminum Channel
Used to mount tape light to various surfaces.

48"
0.75"
1.57"
0.82"
0.89"
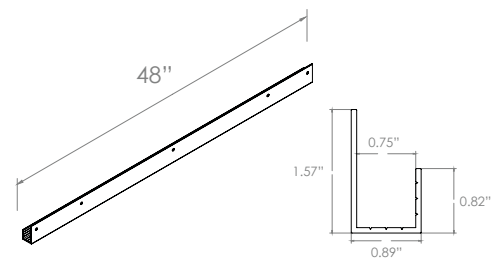
NATL-C27: 4' Aluminum Channel, J-Style

Aluminum Channel
Used to mount tape light to various surfaces.
Includes plastic diffuser.

48"
1.88"
0.44"
0.79"
0.75"
90°

NATL-C28: 4' Aluminum Channel, Corner

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NORA | NSPEC®   6505 Gayhart St., Commerce, CA 90040 | Phone: 800.686.6672 | FAX: 800.500.9955 www.noralighting.com | e-mail: nora@noralighting.com
Specifications subject to change without notice. © 2016
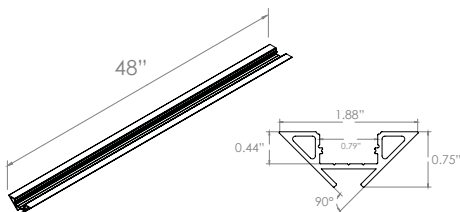
24V Standard LED Tape Light Drivers
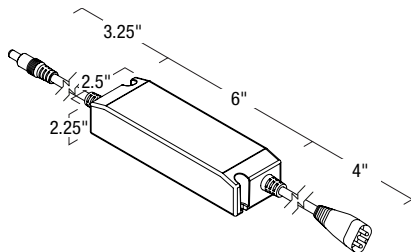
30W 24V Class II Hardwire Electronic LED Driver
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.
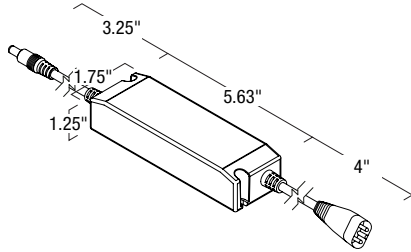
NATL-530HW: 24V 30W Class II Hardwire Driver
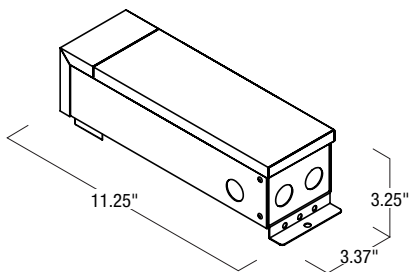
60W 24V Class II Hardwire Electronic LED Driver
Allows hardwiring Tape Light run by using NUSP-JBox. Can also be converted into direct plug-in driver by using NRA-6035. Non-Dimmable.

NATL-560HW: 24V 60W Class II Hardwire Driver

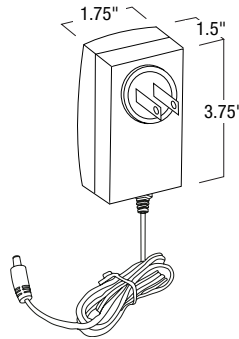## 100W 24V Class II Hardwire Electronic LED Driver
Allows hardwiring Tape Light run. Includes 10' power line connector (NALTL-10). Non-Dimmable.

NATL-5100HW: 24V 100W C2 Hardwire Driver

24V Direct Plug-In LED Drivers
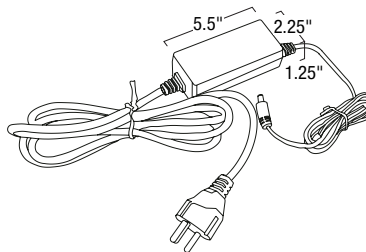Allows direct connection a wall outlet with 6' cord and plug. Non-Dimmable.

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

96W 24V Direct Plug-In LED Driver
Allows direct connection a wall outlet with 5' cord and plug and 44" power line connector. Non-Dimmable.

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

24V Class II Dimmable Hardwire LED Driver
Allows hardwiring Tape Light run and dimming with Magnetic Low Voltage Dimmer. Includes 10' power line connector (NALTL-10). Manual reset thermal circuit - secondary side. Integral regulator for constant current and voltage. Can be mounted 30' from start of run.
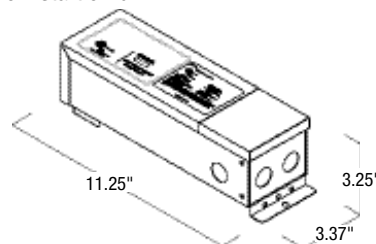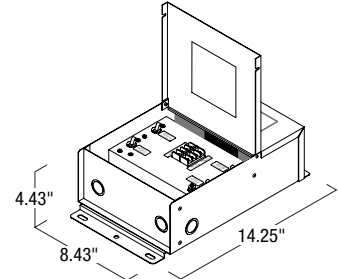

NMT-48/24C2D1: 120V/24V 48W C2 Dimm. Driver
NMT-48/24C2D2: 277V/24V 48W C2 Dimm. Driver
NMT-96/24C2D1: 120V/24V 96W C2 Dimm. Driver
NMT-96/24C2D2: 277V/24V 96W C2 Dimm. Driver

300W 24V Class II Dimmable Hardwire LED Driver
Includes three 100W breakers, which allows hardwiring three Tape Light runs and dimming with Magnetic Low Voltage Dimmer. Includes (3) 10' power line connector (NALTL-10). Manual reset thermal circuit - secondary side. Integral regulator for constant current and voltage. Can be mounted 30' from start of run.
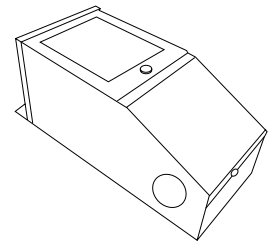

NMT-303/24C2D1: 120V/24V 300W C2 Dimm. Driver
NMT-303/24C2D2: 277V/24V 300W C2 Dimm. Driver

NMTD-60/24D - Dimmable Class II Remote Hardware Magnetic Driver (60W)
**NMTD-96/24D** - Dimmable Class II Remote Hardware \ Magnetic Driver (96W)

Dimmable Class II Remote Hardwire Magnetic Driver
With Integral Regulator for Constant Current and Voltage. Includes NALTL-10 120/277V

24V Standard LED Tape Light Drivers Accessories

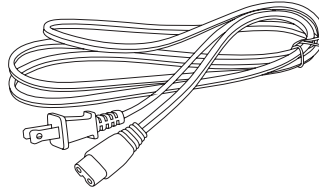**Replacement Power Line Connector**
For use with NMT Series and NATL-5100HW.
Replaces included 10' lead wire, to allow for 30'
or less length between Tape Light run and LED
Driver.
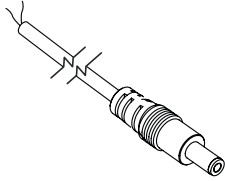
NALTL-10: 10' 24V Power Line Connector
NALTL-30: 30' 24V Power Line Connector

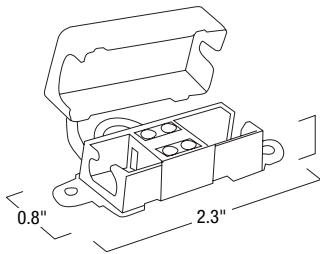**Cord and Plug for NATL-530HW or NATL-560HW**
Used to convert NATL-530HW or NATL-560HW into
a direct plug-in driver.

NRA-6035W/6: 6' Cord and Plug
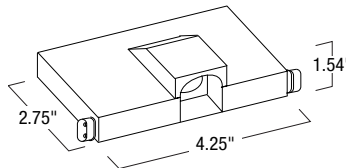**NRA-6035W/10:** 10' Cord and Plug

Low Voltage Splice Box
Use to join Romex® low voltage lead to power line
connector.

0.8"   2.3"

NATL-415: Low Voltage Splice Box

Junction Box for Hardwiring
Required for hardwiring NATL-530HW or
NATL-560HW. Can be used to feed to separate
runs. Accepts Romex®.

1.54"
2.75"
4.25"

NUSP-JBox: Junction Box for Hardwiring

Extension Cord for NATL-530HW or NATL-560HW
Used to extend length between NUSP-JBox and
NATL-530HW or NATL-560HW. Can be joined
together to create custom lengths.
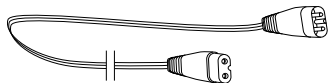
NRA-125/6: 6" Flexible Extension Cord
NRA-125/12: 12" Flexible Extension Cord
NRA-125/18: 18" Flexible Extension Cord
NRA-125/72: 72" Flexible Extension Cord

Sample Layouts

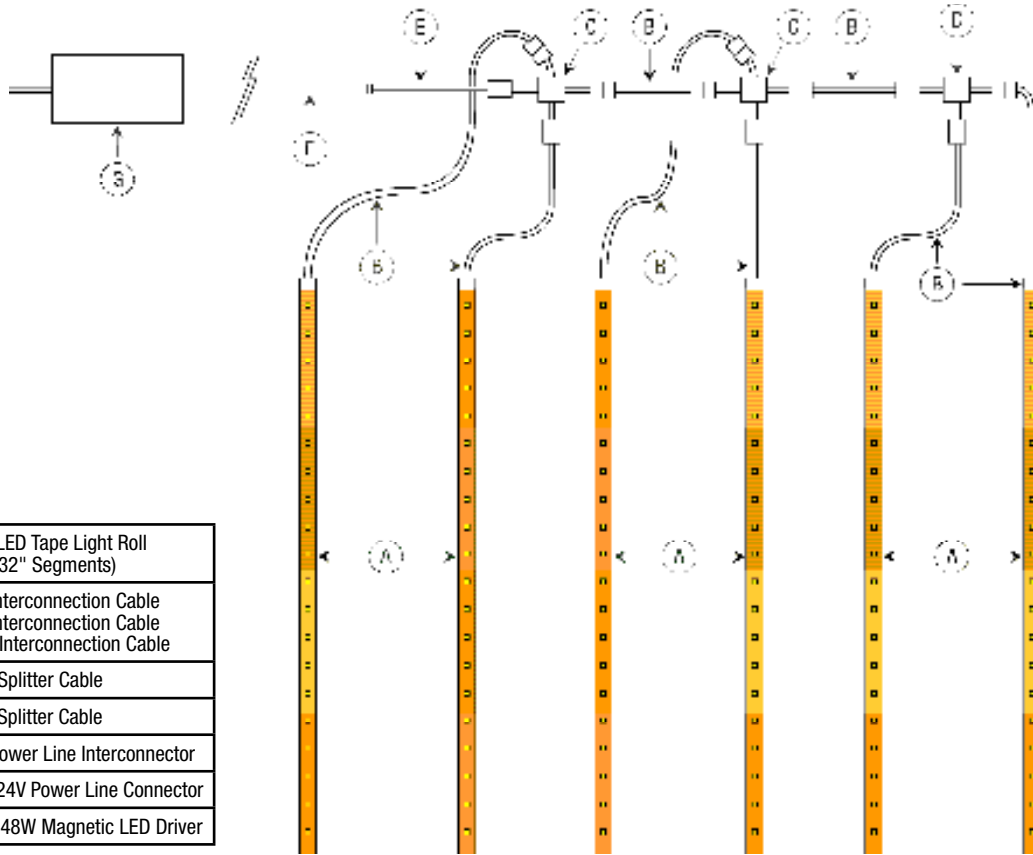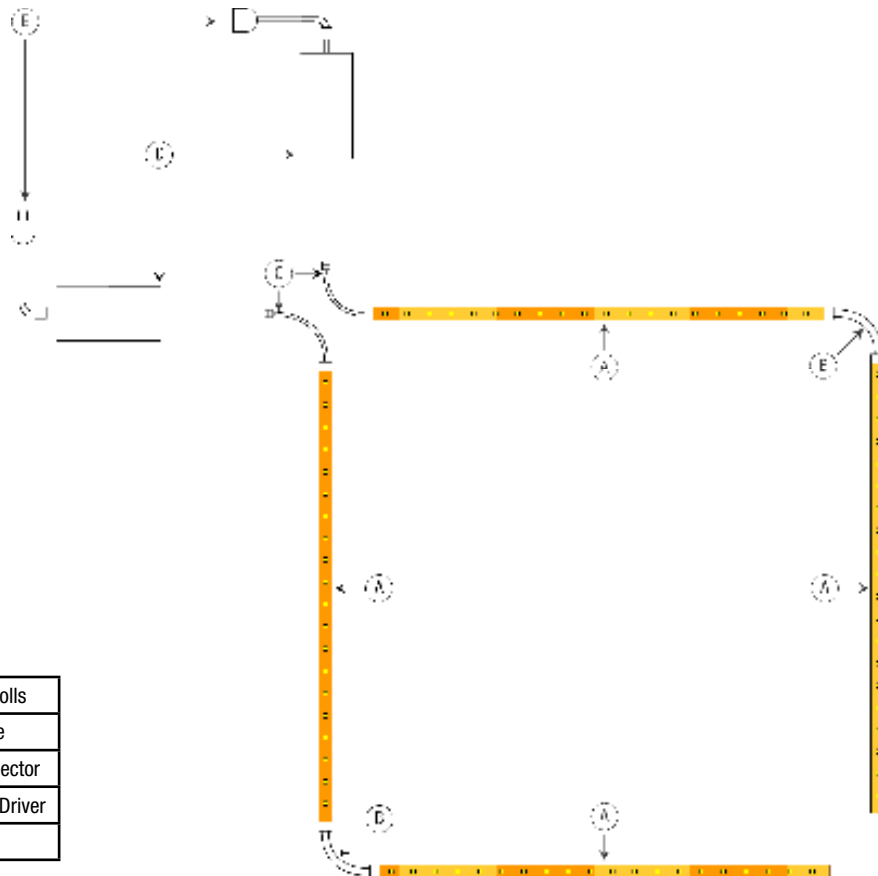| A.	NUTP7-16LED	16' LED Tape Light Roll (6 - 32" Segments)
B.	NATL-202 NATL-206 NATL-218	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable
C.	NATL-301	"X" Splitter Cable
D.	NATL-300	"Y" Splitter Cable
E.	NATL-509	9" Power Line Interconnector
F.	NALTL-30	30' 24V Power Line Connector
G.	NMT-48/24C2D1	24V 48W Magnetic LED Driver

A.	NUTP7-16LED	(4) 16' LED Tape Light Rolls
B.	NATL-206	6" Interconnection Cable
C.	NATL-509	9" Power Line Interconnector
D.	NATL-560HW	24V 60W Hardwire LED Driver
E.	NRA-6035W/6	Flexible 6' Power Cord

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NATL-5060-12-HWD10 Hardwire Electronic Driver

12 Volt, 60 Watt Class II (0-10V Dimming)

PRODUCT DESCRIPTION
12 Volt enclosed driver to be used with Nora Lighting's 12 Volt systems requiring a Class II driver (0-10V Dimming).

FEATURES
- 120/277V 0-10V Dimmable
- Type 3R Rainproof Enclosure
- Non-dimmable
- Conduit Access Wiring Compartment
- Meets Class II output limits
- 12 Volt DC Rated output
- Includes NALTL-10, 12V 10' Power Line Connector
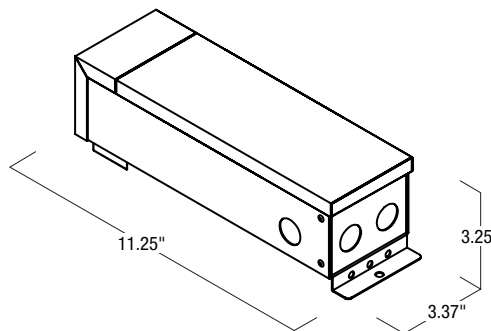- cULus Listed Enclosure & cULus Recognized Driver

ELECTRICAL
Input: 120/277V
Output: 12VDC
Wattage: 60W

OPTIONAL ACCESSORIES
NALTL-10: 24V 10' Power Line Connector (included)
NALTL-30: 24V 30' Power Line Connector

Labels and Listings
cULus Listed Enclosure
Type 3R Rainproof Enclosure
cULus Recognized Driver

11.25"   3.25"
3.37"

Width: 3.37"
Length: 11.25"
Height: 3.25"

12V 60W Class II Hardwire Electronic Driver 0-10V Dimming

NATL-5060-12-HWD10: 12V 60W Class II Hardwire Electronic Driver 0-10V Dimming

Optional Accessories

NAPK-10: 12V 10' Power Line Connector (included with each driver)

NAPK-30: 12V 30' Power Line Connector

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Type

Project

Catalog No.

Lamp/Wattage

NATL-5096-24-HWD10 Hardwire Electronic Driver

24 Volt, 96 Watt Class II (0-10V Dimming)

PRODUCT DESCRIPTION
24 Volt enclosed driver to be used with Nora Lighting's 24 Volt systems requiring a Class II driver (0-10V Dimming).

FEATURES
- 120/277V 0-10V Dimmable
- Type 3R Rainproof Enclosure
- Non-dimmable
- Conduit Access Wiring Compartment
- Meets Class II output limits
- 24 Volt DC Rated output
- Includes NALTL-10, 24V 10' Power Line Connector
- cULus Listed Enclosure & cULus Recognized Driver
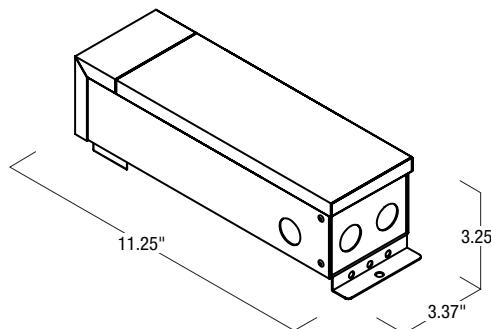
ELECTRICAL
Input: 120/277V
Output: 24VDC
Wattage: 96W

OPTIONAL ACCESSORIES
NALTL-10: 24V 10' Power Line Connector (included)
NALTL-30: 24V 30' Power Line Connector

Labels and Listings
cULus Listed Enclosure
Type 3R Rainproof Enclosure
cULus Recognized Driver

11.25"
3.25"
3.37"

Width: 3.37"
Length: 11.25"
Height: 3.25"

24V 96W Class II Hardwire Electronic Driver 0-10V Dimming

NATL-5096-24-HWD10: 24V 96W Class II Hardwire Electronic Driver 0-10V Dimming

Optional Accessories

NAPK-10: 12V 10' Power Line Connector (included with each driver)

NAPK-30: 12V 30' Power Line Connector