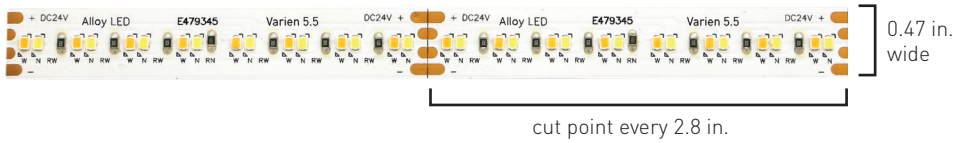


## Varien® 5.5 Dim-to-Warm LED Tape Light



Alloy LED is at the forefront of dim-to-warm LED technology. Featuring an intelligent circuit, Varien Dim-to-Warm Tape automatically changes Kelvin temp. from 3000K to 1800K when used with Lutron® CL dimmers, giving you a more neutral white light while you work and a warm candlelight while you relax.

- The light warms as it is dimmed
- Use only with “No Minimum Load” PrimaVolt® Dimmable Drivers
- Compatible with Lutron® CL dimmers
- No batteries, controllers, or receivers required
- Intelligent circuit eliminates the need for accessories and saves costs

<b>Stocked Color Temp. (Kelvin)</b>	1800K~3000K
<b>Power Consumption per ft.</b>	5.5 Watts/230mA
<b>Input Voltage</b>	24V DC
<b>LED Chips per foot</b>	64
<b>LED Chip Spacing</b>	0.45 inches
<b>Tape Height</b>	0.1 inches
<b>Beam Angle</b>	120°
<b>Field Cuttable (UL 2108)</b>	Every 2.8 inches
<b>Max Run Length</b>	16.4 ft.
<b>Dimmable</b>	Yes

<b>LED Chip Type</b>	2016 SMD
<b>Mounting</b>	3M™ Self-Adhesive Tape (non-porous)
<b>Operating Temp.</b>	-13° F to 140° F
<b>Ambient Temp.</b>	-40° F to 186° F
<b>Location</b>	Indoor, Dry
<b>Spool Lengths*</b>	16.4 ft.
<b>Certifications</b>	UL 2108 Listed, RoHS
<b>Warranty</b>	6 Year Limited

\*Each spool comes with 36 in. lead wires at one end and a 36 in. wire with female DC plug at the other end. Wire is 20 AWG.

16.4 ft. spool Item #	Voltage	Kelvin temp. (CCT)	CRI	R9 Values	R13 Values	Lumens / foot
AL-01-81-2401	24V DC	1800K~3000K	90	90	94	315~348



field cuttable

## Accessories (sold separately)

### Tape Light Connectors\*



Tape-to-Tape Connector



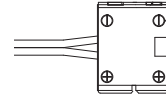
Tape Light Splice Connector



Tape Light DC Plug Connector



Tape-to-Tape Flexible Extension



tape connector =  
W=0.5 / H=0.25 in.



DC plug =  
Dia. = 0.54 in.



Item #	Description	Length	Item #	Description	Length
AL-01-81-9901	Tape-to-Tape Connector	n/a	AL-01-81-9917	Tape-to-Tape Flexible Extension	36 in.
AL-01-81-9902	Tape Light Splice Connector	6 in.	AL-01-81-9922	Tape Light DC Plug Connector	6 in.
AL-01-81-9907	Tape Light Splice Connector	36 in.	AL-01-81-9927	Tape Light DC Plug Connector	36 in.
AL-01-81-9910	Tape Light Splice Connector	8 ft.	AL-01-81-9947	In-Wall Tape Light Splice Connector	36 in.
AL-01-81-9911	Tape-to-Tape Flexible Extension	3 in.	AL-01-81-9950	In-Wall Tape Light Splice Connector	8 ft.
AL-01-81-9912	Tape-to-Tape Flexible Extension	6 in.			

\*All connector wire is 20 AWG

### Popular Continua™ Aluminum Channel Pairings



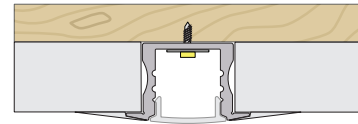
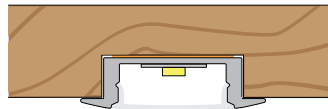
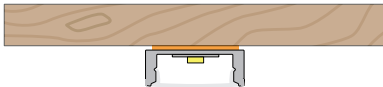
Surfa 6  
surface-mount  
wide, low profile



Naro 4  
recessed  
wide, shallow



Ankr 4  
mud-in/  
in-wall



Click the square to see the Tape Light and Channel Compatibility Guide for a complete list of compatible channels.



Click the square to see the Continua Channel Hotspot Chart for hotspot ratings for channel models.

### Wire and Tape Light Management



Wire Harness  
Holds wire in place securely.  
L = 0.95 / W = 0.3 / H = 0.22 in.  
(AL-01-99-9901)



Tape Harness  
Provides extra security for tape light, especially at the ends of a run.  
L = 0.87 / W = 0.2 / H = 0.125 in.  
(AL-01-99-9900)

## Compatible Power Supplies (sold separately)

### Alloy LED Primavolt® “No Min. Load” Dimmable Drivers\*



dry location model



wet location model



Smooth dimming using forward-phase ELV, MLV, and TRIAC dimmers.

Item #	Output	Wattage	Min. Load	Wet Loc.	Class 2
AL-98-03-24024-NM	24V DC	24W	none	Y	Y
AL-98-03-24060-NM	24V DC	60W	none	N	Y
AL-98-03-24096-NM	24V DC	96W	none	Y	Y
AL-98-03-24150-NM	24V DC	150W	none	Y	N
AL-98-03-24200-NM	24V DC	200W	none	Y	N

\* Note: This tape light is compatible ONLY with PrimaVolt “No Minimum Load” Dimmable Drivers.

### Lutron® Dimming Accessories

By participating in Lutron’s 2017 OEM Advantage program, Alloy LED is able to offer a range of the highest quality low voltage power supplies and selected controls on the market.



Hi-lume Premier  
0.1% EcoSystem /  
3-wire LED Driver  
(96W 24VDC)



Hi-lume 1% LED  
Driver 40W  
- EcoSystem / 3-wire  
control  
- 2-wire 120V forward  
phase control



Lutron Vive PowPak RF Module  
- RF module for EcoSystem LED  
driver control  
- Use with the Lutron EcoSystem  
drivers shown to “Vive-enable”  
Alloy LED products

### Lutron® Hi-lume LED Drivers

Item #	Output	Wattage	Min. Load	Class 2
AL-98-07-12040	12V DC	40W	n/a	Y
AL-98-07-12040-3WIRE	12V DC	40W	n/a	Y
AL-98-07-24040	24V DC	40W	n/a	Y
AL-98-07-24040-3WIRE	24V DC	40W	n/a	Y
AL-98-07-24096-3WIRE	24V DC	96W	n/a	Y

### Lutron® Controls

Item #	Desc.	Voltage
AL-98-07-9901	EcoSystem Control Module	n/a
AL-98-07-9901-8	EcoSystem Control Module - 8 pack	n/a
AL-98-07-9950	CL Dimmer	120V AC
AL-98-07-9950-FPLATE	CL Dimmer faceplate	n/a

### Dimmers & Switches

#### SlimDim Wireless Dimmers

Using long-range RF technology, these LED dimmers avoid the need for connecting directly to a power supply, offering freedom to mount anywhere. Can also be used as a fob for mobile, hand-held control.



#### Remote Control Dimmer Switch

Provides full dimming and on/off control, and includes a touch wheel that allows for direct visual selection of brightness. It can also operate up to four independent zones



AL-70-01-0001	SlimDim Wireless Dimmer
AL-70-01-0002	Single Color Receiver (96W max.) (sold separately)

AL-60-03-0001	Remote Control Dimmer Switch
AL-70-01-0002	Single Channel Receiver (sold separately)
AL-60-03-0004	Wireless Receiver (sold separately)