ALLOY L=D®

LED Tape Light Specifications
ultra-premium LED linear lighting solutions that enhance the way you work and live.

PrimaLine® 2.7 LP (Low-Profile) LED Tape Light

Actual size shown

Field cuttable every 1 in.

0.4 in. wide

PrimaLine 2.7 LP is a low-profile, medium output, dimmable LED light that is designed with specialized diodes to emit a smooth, even line of continuous light. PrimaLine 2.7 LP features the new 2110 diode, a low profile LED chip arranged in a tight array to ensure hotspot-free lighting in most Alloy LED channels.

- Smooth, hotspot-free line of light
- Ultra low profile
- New 2110 diodes
- 97 CRI (Color Rendering Index)
- Very high R9 and R13 values for superb rendering of warm tones

Stocked CCTs (Kelvin Temp.)*	2200K, 2400K, 2700K, 3000K, 4200K
Power Consumption per ft.	2.7 Watts / 113mA
Input Voltage	24V DC
Diodes per foot	81
Diode Spacing	0.14 inches
Tape Height	0.02 inches
Beam Angle	120°
Field Cuttable (UL 2108)	Every 1 inch
Max Run Length	18 ft.
Dimmable	Yes

Diode Type	2110 SMD
Mounting	3M™ Self-Adhesive Tape (non-porous)
Operating Temp.	-13° F to 140° F
Ambient Temp.	-40° F to 186° F
Spool Length**	13 ft., 26 ft.
Location	Indoor, Dry
Certifications	UL Listed, UL 2108, CE, RoHS
Warranty	6 Year Limited

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

* In addition to stocked colors, a wide variety of kelvin temperatures is also available by special order. Please call or email to order.

13 ft. spool	26 ft. spool	Kelvin Temp. (CCT)	Watts / foot	CRI	R9 Value	R13 Value	TM30	CQS	Lumens / foot
AL-01-08-2400	AL-01-08-2420	2200K	2.7W	96.7	91	97	n/a	n/a	160
AL-01-08-2401	AL-01-08-2421	2700K	2.7W	96.7	97	97	n/a	n/a	188
AL-01-08-2402	AL-01-08-2422	3000K	2.7W	96.7	95	96	n/a	n/a	202
AL-01-08-2403	AL-01-08-2423	4200K	2.7W	96.7	98	99	n/a	n/a	224
AL-01-08-2405	AL-01-08-2425	2400K	2.7W	96.7	98	99	n/a	n/a	170

Amp Champ
Professional Connector - for a more secure connection. Accepts many combinations of tape and wire. Includes spade connectors for stranded wire, 3M® adhesive backing, and pre-attached 6 inch in-wall-rated 18 AWG lead wire.

AL-01-08-9900
AL-01-08-9900-5   **(5 pack)**
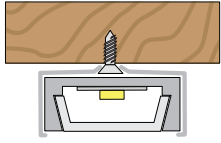AL-01-08-9900-10   **(10 pack)**

Note: The diode adjacent to the cut point must be removed prior to connecting the Amp Champ.
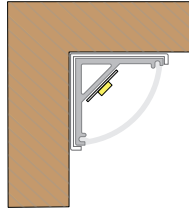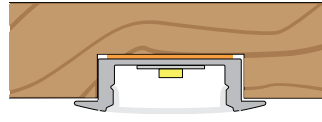
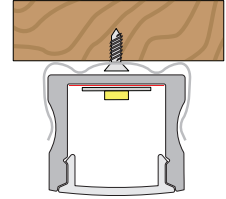Remove diode

→ Popular Channel Pairings

Surfa 3
Surface-Mount

Surfa 2
Corner-Mount

Naro 4
Recessed

Surfa 7
Surface-Mount

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

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)

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Compatible Power Supplies (sold separately)

Alloy LED Primavolt® Dimmable Power Supplies w/ETL Listed Junction Box
Smooth dimming using forward-phase ELV, MLV, and TRIAC dimmers.

dry location model

wet location model

Item #	Output	Wattage	Min. Load	Wet Loc.	Class 2
AL-98-03-24024-NM	24V DC	24W	none	N	Y
AL-98-03-24048-NM	24V DC	48W	none	N	Y
AL-98-03-24060-NM	24V DC	60W	none	N	Y
AL-98-03-24080-NM	24V DC	80W	none	Y	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: Alloy LED strongly recommends using Listed Class 2 power supplies for all installations. Always install in accordance with local and national electrical code regulations.

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-98-07-24040	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.

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

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
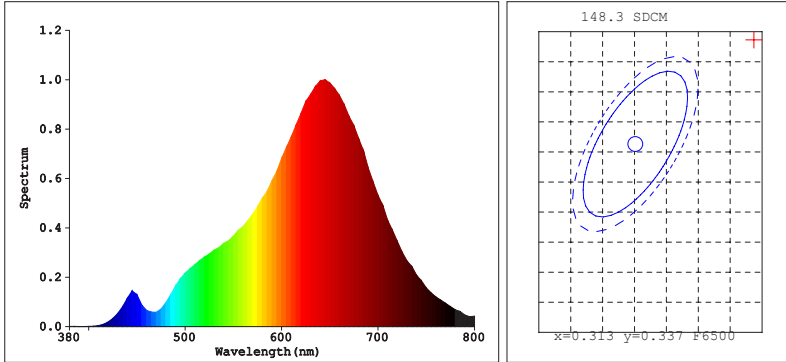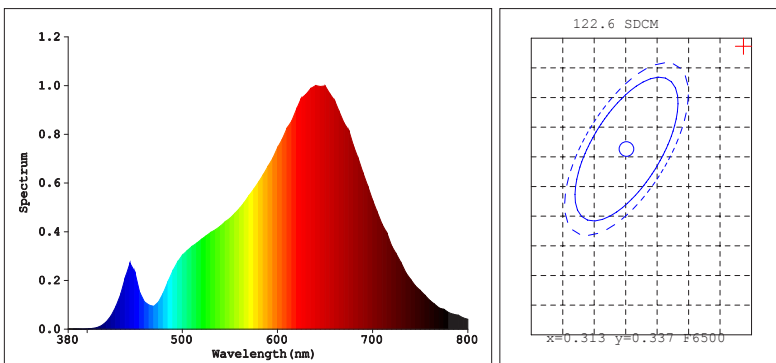
AL-60-03-0001	Remote Control Dimmer Switch
AL-70-01-0002	Single Channel Receiver (sold separately)
AL-60-03-0004-V2	Wireless Receiver (sold separately)

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→ Alloy LED Light Lab™ Photometrics

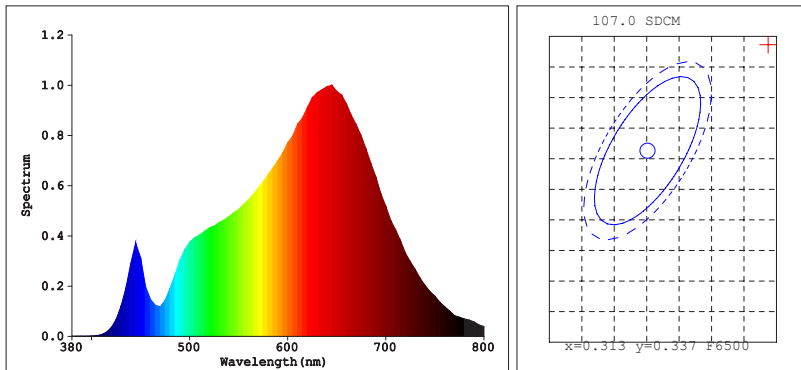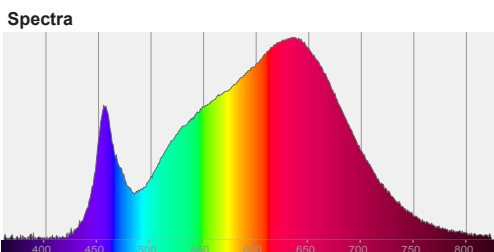Note: specifications are representative of the diode type and not a particular tape light article.

2200K

2400K

2700K

3000K

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4200K