

## PrimaLine® 3 24V Single Color LED Tape Light



Cut point every 2 in. (24V)

0.3 in. wide



PrimaLine 3 offers high-output, dimmable task lighting at just 3 watts per foot. This tape light is perfect for medium to large accenting, as well as retail, display, shop window, cabinet, and shelf applications.

- Colorful single color accenting
- Retail, display, shop window, cabinet, and shelf applications
- 6-year warranty

### TECHNICAL INFORMATION

<b>Colors*</b>	Red, Blue, Green
<b>24V Power Consumption Per Foot</b>	3W/120mA
<b>Input Voltage</b>	24V DC
<b>Diodes per foot</b>	36
<b>Diode Spacing</b>	0.325 inches
<b>Tape Height</b>	0.1 inches
<b>Beam Angle</b>	120°
<b>Cuttable</b>	2 inches
<b>Max Run Length</b>	33 ft.

<b>Dimmable</b>	Yes
<b>Diode Type</b>	3528 SMD
<b>Mounting</b>	3M™ Self-Adhesive Tape (Non-porous)
<b>Operating Temperature</b>	-13° F to 140° F
<b>Ambient Temperature</b>	-40° F to 186° F
<b>Spool Length**</b>	20 ft., 100 ft.
<b>Certifications</b>	UL Listed, UL 2108, CE, RoHS
<b>Warranty</b>	6 Year Limited

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

\*\*Each spool includes 36 in., CL2 rated 20 AWG tinned lead wires at both ends of the tape light.

### PRODUCT INFORMATION

20 ft. Spool Item Number	100 ft. Spool Item Number	Voltage	Color	Lumens per Foot
AL-01-02-2411	AL-01-02-2451	24V	Red	N/A
AL-01-02-2412	AL-01-02-2452	24V	Blue	N/A
AL-01-02-2413	AL-01-02-2453	24V	Green	N/A

### Standard Non-XT 24V Voltage Drop and Wire Length Distance Chart (3% Drop or 24V)\*

Wire Gauge	Copper Wire Resistance (Ω/kFT)	10W (0.42A)	20W (0.83A)	30W (1.25A)	40W (1.67A)	50W (2.08A)	60W (2.50A)	70W (2.92A)	80W (3.33A)	90W (3.75A)	96W (4A)
22 AWG	16.14	54 ft.	27 ft.	18 ft.	14 ft.	11 ft.	9 ft.	8 ft.	7 ft.	6 ft.	6 ft.
20 AWG	10.15	86 ft.	43 ft.	29 ft.	22 ft.	18 ft.	15 ft.	13 ft.	11 ft.	10 ft.	9 ft.
18 AWG	6.39	136 ft.	68 ft.	46 ft.	34 ft.	28 ft.	23 ft.	20 ft.	17 ft.	16 ft.	15 ft.
16 AWG	4.02	216 ft.	108 ft.	72 ft.	54 ft.	44 ft.	36 ft.	31 ft.	27 ft.	24 ft.	23 ft.
14 AWG	2.53	343 ft.	172 ft.	115 ft.	86 ft.	69 ft.	58 ft.	49 ft.	43 ft.	39 ft.	36 ft.
12 AWG	1.59	545 ft.	273 ft.	182 ft.	137 ft.	109 ft.	91 ft.	78 ft.	69 ft.	61 ft.	57 ft.
10 AWG	0.99	865 ft.	433 ft.	289 ft.	217 ft.	173 ft.	145 ft.	124 ft.	109 ft.	97 ft.	91 ft.

Note: These tables provide general guidelines for determining Wire Gauge based on total load and distance from LED driver to beginning of luminaire.