

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

Colors*	Red, Blue, Green
24V Power Consumption per ft.	3W/120mA
Input Voltage	24V DC
Diodes per foot	36
Diode Spacing	0.325 inches
Tape Height	0.1 inches
Beam Angle	120°
Cuttable	2 inches
Max Run Length	20 ft.

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

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

**Each spool comes with 36 in. CL2 rated 20 AWG tinned lead wires at each end.

PRODUCT INFORMATION

20 ft. spool Item #	100 ft. spool Item #	Voltage	Color	Lumens/ft.
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 & 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.