VEGA SERIES TAPE LIGHT

24V DC Vega 1000Lm+ per foot tape light

Big on brightness, small on form factor. With the Vega series you can achieve all the benefits of extreme light output from larger form factor fixtures in an ultra compact LED tape light strip. Extremely close diode spacing virtually eliminates any LED dotting or reflections providing a seamless line of light making for a perfect solution for general ambient lighting applications.

- One of the brightest lumen output per foot tape light available
- Lumen output ranging from 1030Lm to 1163Lm per foot
- Available in 2700K, 3000K, 3500K, and 4000K
- 80+ color rendering index
- Cuttable every 1.4” with 13.1ft max run
- Easy installation featuring 3M VHB adhesive backing
- IP54 rating featuring nano-coating protective layer
- Dimmable (5-100%) with most ELV, TRIAC dimmers
- cULus Listed for indoor dry/damp locations
- 50,000 hours rated life / 5-year limited warranty

c UL us LISTED | IP54 COATED | DIMMABLE

PROJECT:
TYPE:
LOCATION:
CATALOG NUMBER:



VTL SERIES QUICK SPECS

VOLTAGE	24V DC
WATTAGE	7W / ft
LUMENS	Up to 1163Lm / ft
CCT OPTIONS	2700K / 3000K / 3500K / 4000K
CRI	80+
MAX RUN	13.1ft
CUTTING POINTS	1.4” (35mm)
IP RATING	IP54 - Coated
DIMMING	TRIAC / ELV (5 - 100%)
DIMENSIONS	0.39” (10mm) W x 0.06” (1.7mm) H
BEAM ANGLE	120°
OPERATING TEMP	5°C (41°F) to 70°C (158°F)
CERTIFICATIONS	cULus Listed - Dry / Damp Location
RATED LIFE	50,000 Hours

Recommended: In commercial applications, solder all connection points.
ALWAYS mount via an aluminum extrusion to allow proper dissipation of heat.

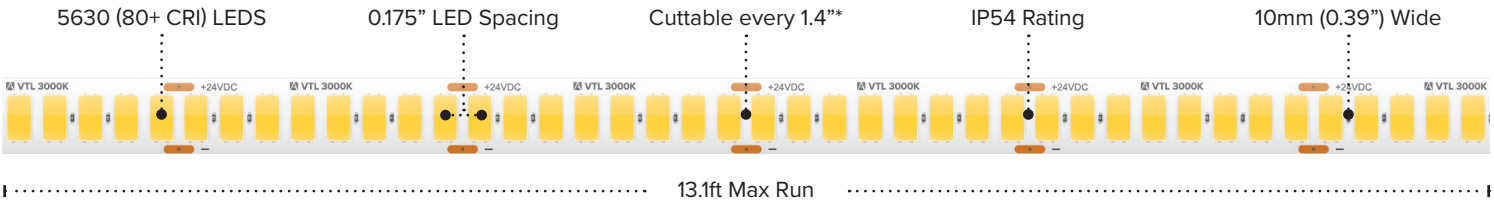
VTL SERIES IP RATINGS



IP54 (Coated)
Features a light nano-coating applied to the tape light and LED’s that protects from moisture and dust.
Best suited: Indoor dry & damp locations

*When making cuts, be sure to always cut off center to ensure maximum pad length when creating connection.

VTL SERIES QUICK LOOK



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VTL SERIES ORDERING INFORMATION

Custom Cut Orders - Please Allow Up To 2-4 Weeks Order Processing & Delivery

ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
VTL-UWW-13	24V DC	2700K	13.1 ft	1030Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft
VTL-UWW-CC	24V DC	2700K	Custom Cut	1030Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft
VTL-WW-13	24V DC	3000K	13.1 ft	1090Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft
VTL-WW-CC	24V DC	3000K	Custom Cut	1090Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft
VTL-NW-13	24V DC	3500K	13.1 ft	1140Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft
VTL-NW-CC	24V DC	3500K	Custom Cut	1140Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft
VTL-WH-13	24V DC	4000K	13.1 ft	1163Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft
VTL-WH-CC	24V DC	4000K	Custom Cut	1163Lm / ft	7W / ft	IP54	80+	1.4” (35mm)	13.1 ft

13.1ft Reels (IP54) Include: Attached 3ft Lead Wire / (3) TL-CONKIT / (3) TL-BLKS / (3) TL-2PWR-HD

Custom Cut: Order (1) **CONKIT-CC** Assembly Fee per length of tape; includes 3ft soldered lead wire and shrink tube cover; for additional wire, add (1) TL-WIRE per ft

*Custom Cut Lengths must be calculated in 1.4” increments (Min 1ft / Max. 13.1ft). See page 3 for cut increment guide.

VTL SERIES ACCESSORIES

ITEM NUMBER	DESCRIPTION
TL-CONKIT	6’ Trulink 4-in-1 Connection Kit
TL-BLKS	Trulink 4-in-1 Connector Block (QTY 10)
TL-2PWR-HD	6’ HD Power Feed (IP54)
TL-2JUMP6-HD	6” HD Linking Cable
TL-2JUMP24-HD	24” HD Linking Cable
TL-2SPL-HD	HD Tape to Tape Splice Connector
TL-2SPL-L-HD	90° “L” HD Tape to Tape Splice Connector (IP54)
WIRE-15-2PIN	15ft (20/2) Wire Spool
WIRE-CMP-100-3PIN	100ft (16/3) In-wall Rated Wire Spool
INLINE-SC-CTRL	Simple Select In-line Controller (Single Color)
LVSB-2PIN	In-Line Splice Terminal Block
RCWY-PVC-1M	1m Plastic Wire Cover Raceway (White)


TL-CONKIT


TL-BLKS


TL-2PWR-HD

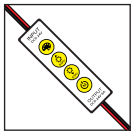

TL-2JUMP6-HD
TL-2JUMP24-HD


TL-2SPL-HD


TL-2SPL-L-HD


WIRE-15-2PIN

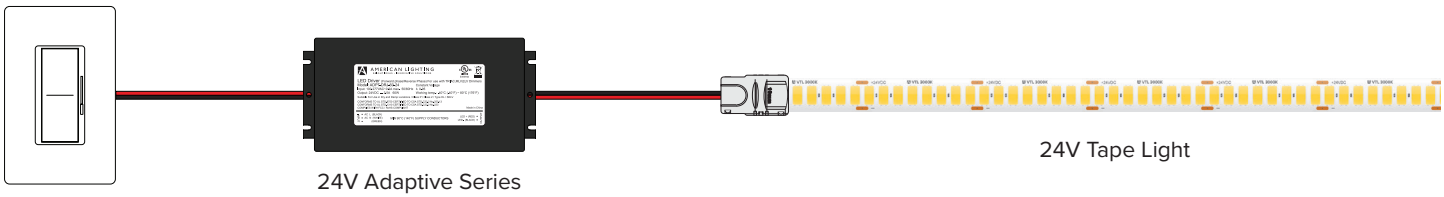

WIRE-CMP-100-3PIN


INLINE-SC-CTRL


LVSB-2PIN


RCWY-PVC-1M

VTL SERIES QUICK SET-UP



RECOMMENDED POWER SUPPLIES

ITEM NUMBER	DESCRIPTION	MAX / MIN LOAD	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMMABLE	DIMENSIONS
ADPT-DRJ-30-24	Adaptive Series 30W	30W / 3W	100-277V AC	24V	Yes*	6.49”L x 3.6”W x 1.02”H
ADPT-DRJ-60-24	Adaptive Series 60W	60W / 6W	100-277V AC	24V	Yes*	7.4”L x 3.6”W x 1.02”H
ADPT-DRJ-96-24	Adaptive Series 96W	96W / 9.6W	100-277V AC	24V	Yes*	8.66”L x 3.6”W x 1.61”H
ADPT-DRJ-192-24	Adaptive Series 192W (2 x 96W)	192W / 19.2W	100-277V AC	24V	Yes*	10.94”L x 4.25”W x 1.8”H
ADPT-DRJ-288-24	Adaptive Series 288W (3 x 96W)	288W / 28.8W	100-277V AC	24V	Yes*	11.85”L x 4.25”W x 1.8”H

Phase Dimming Compatible With Most PWM Dimmers

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VTL SERIES CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inches)	Length (Feet)
1	35.5	1.4	0.12
2	71	2.8	0.23
3	106.5	4.2	0.35
4	142	5.6	0.47
5	177.5	7	0.58
6	213	8.4	0.70
7	248.5	9.8	0.82
8	284	11.2	0.93
9	319.5	12.6	1.05
10	355	14	1.17
11	390.5	15.4	1.28
12	426	16.8	1.40
13	461.5	18.2	1.52
14	497	19.6	1.63
15	532.5	21	1.75
16	568	22.4	1.87
17	603.5	23.8	1.98
18	639	25.2	2.10
19	674.5	26.6	2.22
20	710	28	2.33
21	745.5	29.4	2.45
22	781	30.8	2.57
23	816.5	32.2	2.68
24	852	33.6	2.80
25	887.5	35	2.92
26	923	36.4	3.03
27	958.5	37.8	3.15
28	994	39.2	3.27
29	1029.5	40.6	3.38
30	1065	42	3.50
31	1100.5	43.4	3.62
32	1136	44.8	3.73
33	1171.5	46.2	3.85
34	1207	47.6	3.97
35	1242.5	49	4.08
36	1278	50.4	4.20
37	1313.5	51.8	4.32
38	1349	53.2	4.43
39	1384.5	54.6	4.55
40	1420	56	4.67
41	1455.5	57.4	4.78
42	1491	58.8	4.90
43	1526.5	60.2	5.02
44	1562	61.6	5.13
45	1597.5	63	5.25
46	1633	64.4	5.37
47	1668.5	65.8	5.48
48	1704	67.2	5.60
49	1739.5	68.6	5.72
50	1775	70	5.83

Segment	Length (MM)	Length (Inches)	Length (Feet)
51	1810.5	71.4	5.95
52	1846	72.8	6.07
53	1881.5	74.2	6.18
54	1917	75.6	6.30
55	1952.5	77	6.42
56	1988	78.4	6.53
57	2023.5	79.8	6.65
58	2059	81.2	6.77
59	2094.5	82.6	6.88
60	2130	84	7.00
61	2165.5	85.4	7.12
62	2201	86.8	7.23
63	2236.5	88.2	7.35
64	2272	89.6	7.47
65	2307.5	91	7.58
66	2343	92.4	7.70
67	2378.5	93.8	7.82
68	2414	95.2	7.93
69	2449.5	96.6	8.05
70	2485	98	8.17
71	2520.5	99.4	8.28
72	2556	100.8	8.40
73	2591.5	102.2	8.52
74	2627	103.6	8.63
75	2662.5	105	8.75
76	2698	106.4	8.87
77	2733.5	107.8	8.98
78	2769	109.2	9.10
79	2804.5	110.6	9.22
80	2840	112	9.33
81	2875.5	113.4	9.45
82	2911	114.8	9.57
83	2946.5	116.2	9.68
84	2982	117.6	9.80
85	3017.5	119	9.92
86	3053	120.4	10.03
87	3088.5	121.8	10.15
88	3124	123.2	10.27
89	3159.5	124.6	10.38
90	3195	126	10.50
91	3230.5	127.4	10.62
92	3266	128.8	10.73
93	3301.5	130.2	10.85
94	3337	131.6	10.97
95	3372.5	133	11.08
96	3408	134.4	11.20
97	3443.5	135.8	11.32
98	3479	137.2	11.43
99	3514.5	138.6	11.55
100	3550	140	11.67

Segment	Length (MM)	Length (Inches)	Length (Feet)
101	3585.5	141.4	11.78
102	3621	142.8	11.90
103	3656.5	144.2	12.02
104	3692	145.6	12.13
105	3727.5	147	12.25
106	3763	148.4	12.37
107	3798.5	149.8	12.48
108	3834	151.2	12.60
109	3869.5	152.6	12.72
110	3905	154	12.83
111	3940.5	155.4	12.95
112	3976	156.8	13.07
113	4011.5	158.2	13.18

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AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.

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