

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



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



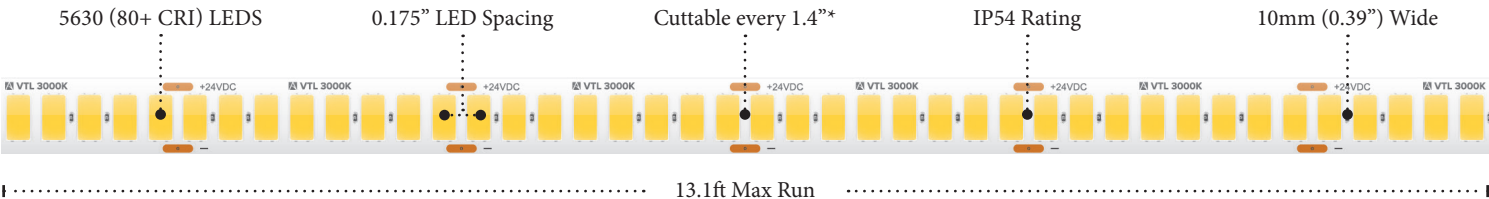
IP54 (Coated)

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



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-WW-13	24V DC	3000K	13.1 ft	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-WH-13	24V DC	4000K	13.1 ft	1163Lm / ft	7W / ft	IP54	80+	1.4" (35mm)	13.1 ft

13.1ft Reels (IP54) Include: 6ft lead, 6ft tail, (1) TL-CONKIT, (2) TL-BLKS, (2) TL-2PWR-HD

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

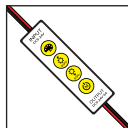
 TL-2JUMP6-HD
TL-2JUMP24-HD

 TL-2SPL-HD

 TL-2SPL-L-HD

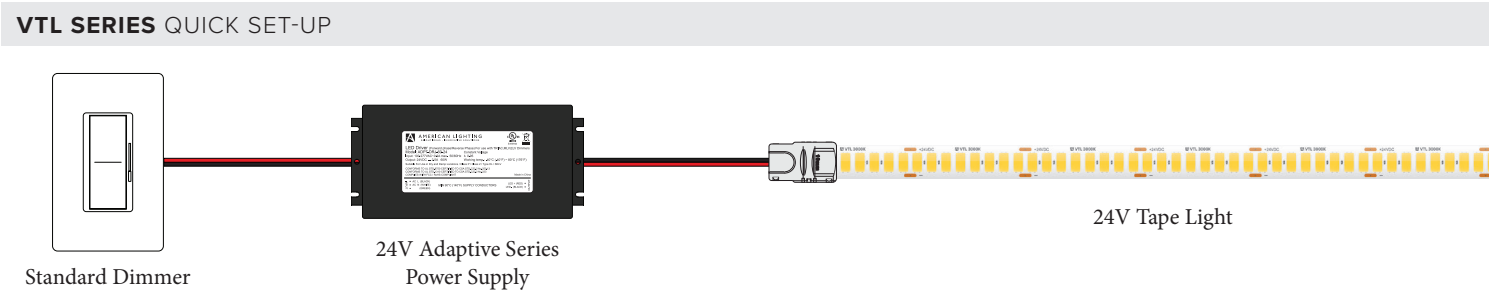
 WIRE-15-2PIN

 WIRE-CMP-100-3PIN

 INLINE-SC-CTRL

 LVSB-2PIN

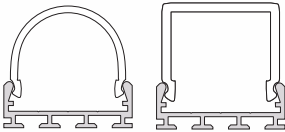
 RCWY-PVC-1M



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

COMPATIBLE MOUNTING CHANNELS 10mm



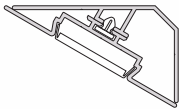
TURBO
PE-TURBO2
Dimensions: 1" (26mm) W x 1" (25mm) H



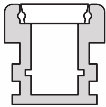
DYAD
PE-DYAD
Dimensions: 1.35" (34.2mm) W
x 0.47" (12mm) H



PRO 45
PE-PRO45
Dimensions: 1-3/16" (30mm) W
x 7/16" (10mm) H



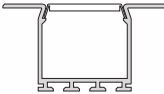
PRO 30
PE-PRO30
Dimensions: 1-13/16" (46mm) W
x 1-1/16" (27mm) H



PAVER
PE-PAVER
Dimensions: 1" (26mm) W
x 1" (26mm) H



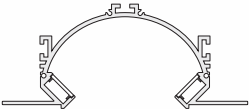
STRUT:
PE-STRUT
Dimensions: 5/8" (15.5mm) W
x 1-3/8" (29.89mm) H



STANDARD FLANGE SLOT
PE-DFSLOT
Dimensions: 1" (25mm) W
x 15/16" (24mm) H



VERGE
PE-VERGE
Dimensions: 4.85" (123.83mm) W
x 25/64" (10mm) H



ARC
PE-ARC
Dimensions: 4-13/16" (122.4mm) W
x 2" (50.8mm) H



SCOOP WW
PE-SWW
Dimensions: .54" (13.59mm) W
x 3.79" (96mm) H

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



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

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 at which 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.

Warranty life based on average 8 hours/day use, 7 days/week. Product should be cycled off for at least 6 hours per day.

SAFETY

You must disconnect lighting products from the power supply before servicing or replacing bulbs. Only qualified personnel should install and perform service on lighting products. Periodic inspection and maintenance is required to keep equipment operating properly and at peak performance. Do not mount fixtures on or adjacent to combustible materials.

Lighting products may present a possible shock or fire hazard if improperly installed or attached in any way. Products should always be installed in accordance with their instruction manuals, current electrical codes, and/or the current National Electric Code (NEC). Code compliance is the sole responsibility of the person, company, or party performing the installation of product. Failure to comply with national and/or regional safety codes may result in hazardous or dangerous conditions, damage to property or life, and/or altered product performance/specifications.

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed on the reverse by product category. 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 any 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. Limited Product Warranty applies to lengths up to 75 feet for rope light products.

STANDARD LINEAR WARRANTY

Rope light and linear lighting products in all their various types and shapes, whether LED or incandescent, are wired in series parallel. This means that several individual lamps or LEDs are wired together in series to equal 12V, 24V or 120V. Then these sections are wired together (in parallel) to light up in unison. If one solder joint, lamp or resistor fails, a whole section will not light. Due to the number of elements involved, and the numerous extenuating circumstances beyond our control, American Lighting Inc offers a Standard Linear Warranty on most linear lighting products. The limited liability warranty is listed above, however the Standard Linear Warranty offers replacement product by section due to defective material and/or workmanship for one year beginning from the date of shipment from American Lighting Inc's warehouse to the original purchaser.

USE OF LINEAR LIGHTING IN OUTDOOR APPLICATIONS

Incandescent rope light and LED Flexbrite UL 2388 custom cuts; incandescent and LED Flexbrite pre-packaged kits; and UL Listed (special order) cuts of LED Neon Flexbrite Plus and Economy have factory assembled power connections and end caps that seal the rope from moisture. Due to strict quality control standards, American Lighting is able to offer a limited warranty on these items rather than the standard linear lighting warranty that replaces product by defective section only. For outdoor applications, best practices include using kits interconnected (same length kits are best for color control of White LED Flexbrite) or using custom cuts that do not exceed 75 feet.

For all linear lighting categories, any non-rated field connection made in an outdoor application should be properly sealed with dielectric grease covering all conductive materials; and properly installed power connections and end caps, sealed with dielectric grease, silicone, and heat shrink tube. However, since non-rated (field executed) power connections of linear lighting products cannot be quality controlled, and outdoor use of non-rated product is not recommended, American Lighting cannot warrant the product to any purchaser.

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% additional product for a 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.