

SPTLX SERIES TAPE LIGHT

24V DC Spec Grade Ultra Single Color

You asked. We listened. The all new Spec Ultra series features the same great quality of our traditional spec grade tape light, but we gave it a little boost. Featuring up to 740 lumens per foot and 90+ CRI performance, Spec Ultra features a “One LED - One Cut” design that allows for ultra precise cut increments for the more complex linear lighting applications.

- Ultra bright, ultra precise - One LED, One Cut tape light option
- Available in 2700K, 3000K, 3500K, and 4000K
- 90+ color rendering index
- Lumen output ranging from 620Lm to 740Lm per foot
- Cuttable every 0.32” 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
- 30,000 hours rated life



PROJECT: _____

TYPE: _____

LOCATION: _____

CATALOG NUMBER: _____



SPTLX SERIES QUICK SPECS	
VOLTAGE	24V DC
WATTAGE	7W / ft
LUMENS	Up to 740Lm / ft
CCT OPTIONS	2700K / 3000K / 3500K / 4000K
CRI	90+
MAX RUN	13.1ft
CUTTING POINTS	0.32” (8mm)
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	30,000 Hours

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

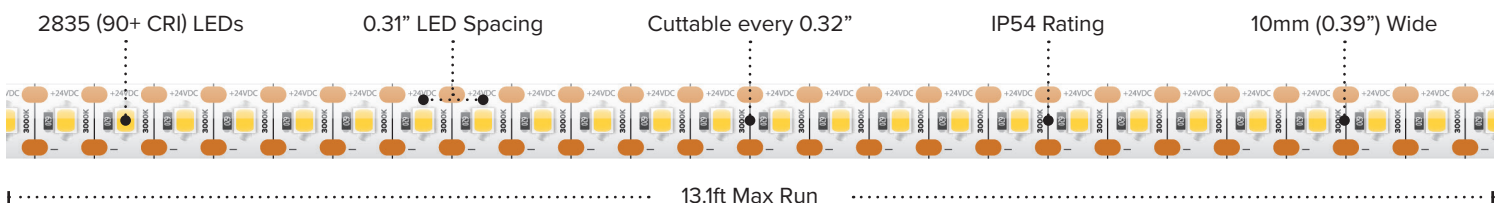
SPTLX SERIES IP RATINGS



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.

SPTLX SERIES QUICK LOOK



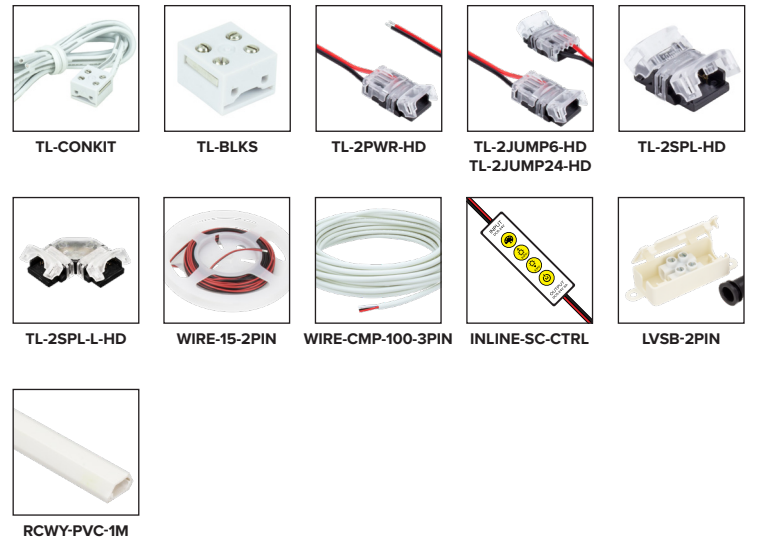
SPTLX SERIES ORDERING INFORMATION *Custom Cut Orders - Please Allow Up To 2-4 Weeks Order Processing & Delivery*

ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
SPTLX-UWW-13	24V DC	2700K	13.1 ft	550Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft
SPTLX-UWW-CC	24V DC	2700K	Custom Cut	550Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft
SPTLX-WW-13	24V DC	3000K	13.1 ft	600Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft
SPTLX-WW-CC	24V DC	3000K	Custom Cut	600Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft
SPTLX-NW-13	24V DC	3500K	13.1 ft	620Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft
SPTLX-NW-CC	24V DC	3500K	Custom Cut	620Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft
SPTLX-WH-13	24V DC	4000K	13.1 ft	650Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft
SPTLX-WH-CC	24V DC	4000K	Custom Cut	650Lm / ft	7W / ft	IP54	90+	0.32" (8mm)	13.1 ft

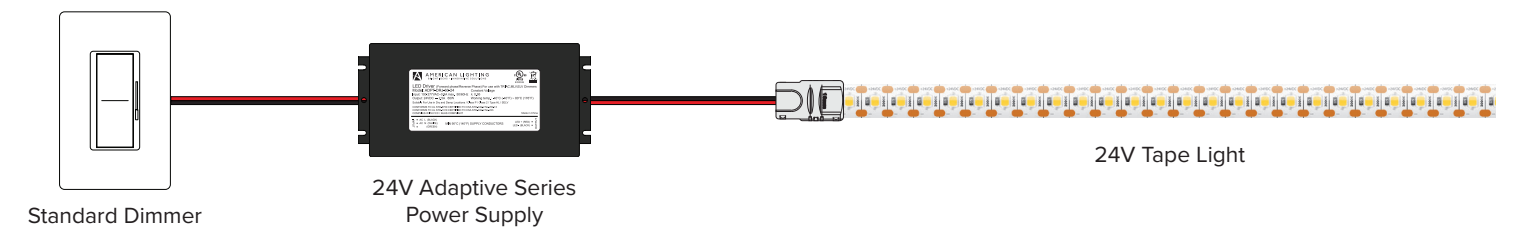
13.1ft Reels (IP54) Include: Attached 3ft Lead Wire / (3) TL-CONKIT / (3) TL-BLKS / (3) TL-2PWR-HD
 Custom Cut: Order (1) **CONKIT-CC** Assembly Fee per length of tape; includes 3ft soldered lead wire and shrink tube cover; for additional wire, add (1) TL-WIRE per ft
 *Custom Cut Lengths must be calculated in 0.32" increments (Min 1ft / Max. 13.1ft). See page 3 for cut increment guide.

SPTLX 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)
LVS-B-2PIN	In-Line Splice Terminal Block
RCWY-PVC-1M	1m Plastic Wire Cover Raceway (White)



SPTLX 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

SPTLX SERIES CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inch)	Length (Feet)
1	8.1	0.32	0.03
2	16.2	0.64	0.05
3	24.3	0.96	0.08
4	32.4	1.28	0.11
5	40.5	1.6	0.13
6	48.6	1.92	0.16
7	56.7	2.24	0.19
8	64.8	2.56	0.21
9	72.9	2.88	0.24
10	81	3.2	0.27
11	89.1	3.52	0.29
12	97.2	3.84	0.32
13	105.3	4.16	0.35
14	113.4	4.48	0.37
15	121.5	4.8	0.40
16	129.6	5.12	0.43
17	137.7	5.44	0.45
18	145.8	5.76	0.48
19	153.9	6.08	0.51
20	162	6.4	0.53
21	170.1	6.72	0.56
22	178.2	7.04	0.59
23	186.3	7.36	0.61
24	194.4	7.68	0.64
25	202.5	8	0.67
26	210.6	8.32	0.69
27	218.7	8.64	0.72
28	226.8	8.96	0.75
29	234.9	9.28	0.77
30	243	9.6	0.80
31	251.1	9.92	0.83
32	259.2	10.24	0.85
33	267.3	10.56	0.88
34	275.4	10.88	0.91
35	283.5	11.2	0.93
36	291.6	11.52	0.96
37	299.7	11.84	0.99
38	307.8	12.16	1.01
39	315.9	12.48	1.04
40	324	12.8	1.07
41	332.1	13.12	1.09
42	340.2	13.44	1.12
43	348.3	13.76	1.15
44	356.4	14.08	1.17
45	364.5	14.4	1.20
46	372.6	14.72	1.23
47	380.7	15.04	1.25
48	388.8	15.36	1.28
49	396.9	15.68	1.31
50	3125	123	10.25

Segment	Length (MM)	Length (Inch)	Length (Feet)
51	413.1	16.32	1.36
52	421.2	16.64	1.39
53	429.3	16.96	1.41
54	437.4	17.28	1.44
55	445.5	17.6	1.47
56	453.6	17.92	1.49
57	461.7	18.24	1.52
58	469.8	18.56	1.55
59	477.9	18.88	1.57
60	486	19.2	1.60
61	494.1	19.52	1.63
62	502.2	19.84	1.65
63	510.3	20.16	1.68
64	518.4	20.48	1.71
65	526.5	20.8	1.73
66	534.6	21.12	1.76
67	542.7	21.44	1.79
68	550.8	21.76	1.81
69	558.9	22.08	1.84
70	567	22.4	1.87
71	575.1	22.72	1.89
72	583.2	23.04	1.92
73	591.3	23.36	1.95
74	599.4	23.68	1.97
75	607.5	24	2.00
76	615.6	24.32	2.03
77	623.7	24.64	2.05
78	631.8	24.96	2.08
79	639.9	25.28	2.11
80	648	25.6	2.13
81	656.1	25.92	2.16
82	664.2	26.24	2.19
83	672.3	26.56	2.21
84	680.4	26.88	2.24
85	688.5	27.2	2.27
86	696.6	27.52	2.29
87	704.7	27.84	2.32
88	712.8	28.16	2.35
89	720.9	28.48	2.37
90	729	28.8	2.40
91	737.1	29.12	2.43
92	745.2	29.44	2.45
93	753.3	29.76	2.48
94	761.4	30.08	2.51
95	769.5	30.4	2.53
96	777.6	30.72	2.56
97	785.7	31.04	2.59
98	793.8	31.36	2.61
99	801.9	31.68	2.64
100	810	32	2.67

Segment	Length (MM)	Length (Inch)	Length (Feet)
101	818.1	32.32	2.69
102	826.2	32.64	2.72
103	834.3	32.96	2.75
104	842.4	33.28	2.77
105	850.5	33.6	2.80
106	858.6	33.92	2.83
107	866.7	34.24	2.85
108	874.8	34.56	2.88
109	882.9	34.88	2.91
110	891	35.2	2.93
111	899.1	35.52	2.96
112	907.2	35.84	2.99
113	915.3	36.16	3.01
114	923.4	36.48	3.04
115	931.5	36.8	3.07
116	939.6	37.12	3.09
117	947.7	37.44	3.12
118	955.8	37.76	3.15
119	963.9	38.08	3.17
120	972	38.4	3.20
121	980.1	38.72	3.23
122	988.2	39.04	3.25
123	996.3	39.36	3.28
124	1004.4	39.68	3.31
125	1012.5	40	3.33
126	1020.6	40.32	3.36
127	1028.7	40.64	3.39
128	1036.8	40.96	3.41
129	1044.9	41.28	3.44
130	1053	41.6	3.47
131	1061.1	41.92	3.49
132	1069.2	42.24	3.52
133	1077.3	42.56	3.55
134	1085.4	42.88	3.57
135	1093.5	43.2	3.60
136	1101.6	43.52	3.63
137	1109.7	43.84	3.65
138	1117.8	44.16	3.68
139	1125.9	44.48	3.71
140	1134	44.8	3.73
141	1142.1	45.12	3.76
142	1150.2	45.44	3.79
143	1158.3	45.76	3.81
144	1166.4	46.08	3.84
145	1174.5	46.4	3.87
146	1182.6	46.72	3.89
147	1190.7	47.04	3.92
148	1198.8	47.36	3.95
149	1206.9	47.68	3.97
150	1215	48	4.00

Segment	Length (MM)	Length (Inch)	Length (Feet)
151	1223.1	48.32	4.03
152	1231.2	48.64	4.05
153	1239.3	48.96	4.08
154	1247.4	49.28	4.11
155	1255.5	49.6	4.13
156	1263.6	49.92	4.16
157	1271.7	50.24	4.19
158	1279.8	50.56	4.21
159	1287.9	50.88	4.24
160	1296	51.2	4.27
161	1304.1	51.52	4.29
162	1312.2	51.84	4.32
163	1320.3	52.16	4.35
164	1328.4	52.48	4.37
165	1336.5	52.8	4.40
166	1344.6	53.12	4.43
167	1352.7	53.44	4.45
168	1360.8	53.76	4.48
169	1368.9	54.08	4.51
170	1377	54.4	4.53
171	1385.1	54.72	4.56
172	1393.2	55.04	4.59
173	1401.3	55.36	4.61
174	1409.4	55.68	4.64
175	1417.5	56	4.67
176	1425.6	56.32	4.69
177	1433.7	56.64	4.72
178	1441.8	56.96	4.75
179	1449.9	57.28	4.77
180	1458	57.6	4.80
181	1466.1	57.92	4.83
182	1474.2	58.24	4.85
183	1482.3	58.56	4.88
184	1490.4	58.88	4.91
185	1498.5	59.2	4.93
186	1506.6	59.52	4.96
187	1514.7	59.84	4.99
188	1522.8	60.16	5.01
189	1530.9	60.48	5.04
190	1539	60.8	5.07
191	1547.1	61.12	5.09
192	1555.2	61.44	5.12
193	1563.3	61.76	5.15
194	1571.4	62.08	5.17
195	1579.5	62.4	5.20
196	1587.6	62.72	5.23
197	1595.7	63.04	5.25
198	1603.8	63.36	5.28
199	1611.9	63.68	5.31
200	1620	64	5.33

SPTLX SERIES CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inch)	Length (Feet)
401	3248.1	128.32	10.69
402	3256.2	128.64	10.72
403	3264.3	128.96	10.75
404	3272.4	129.28	10.77
405	3280.5	129.6	10.80
406	3288.6	129.92	10.83
407	3296.7	130.24	10.85
408	3304.8	130.56	10.88
409	3312.9	130.88	10.91
410	3321	131.2	10.93
411	3329.1	131.52	10.96
412	3337.2	131.84	10.99
413	3345.3	132.16	11.01
414	3353.4	132.48	11.04
415	3361.5	132.8	11.07
416	3369.6	133.12	11.09
417	3377.7	133.44	11.12
418	3385.8	133.76	11.15
419	3393.9	134.08	11.17
420	3402	134.4	11.20
421	3410.1	134.72	11.23
422	3418.2	135.04	11.25
423	3426.3	135.36	11.28
424	3434.4	135.68	11.31
425	3442.5	136	11.33
426	3450.6	136.32	11.36
427	3458.7	136.64	11.39
428	3466.8	136.96	11.41
429	3474.9	137.28	11.44
430	3483	137.6	11.47
431	3491.1	137.92	11.49
432	3499.2	138.24	11.52
433	3507.3	138.56	11.55
434	3515.4	138.88	11.57
435	3523.5	139.2	11.60
436	3531.6	139.52	11.63
437	3539.7	139.84	11.65
438	3547.8	140.16	11.68
439	3555.9	140.48	11.71
440	3564	140.8	11.73
441	3572.1	141.12	11.76
442	3580.2	141.44	11.79
443	3588.3	141.76	11.81
444	3596.4	142.08	11.84
445	3604.5	142.4	11.87
446	3612.6	142.72	11.89
447	3620.7	143.04	11.92
448	3628.8	143.36	11.95
449	3636.9	143.68	11.97
450	3645	144	12.00

Segment	Length (MM)	Length (Inch)	Length (Feet)
451	3653.1	144.32	12.03
452	3661.2	144.64	12.05
453	3669.3	144.96	12.08
454	3677.4	145.28	12.11
455	3685.5	145.6	12.13
456	3693.6	145.92	12.16
457	3701.7	146.24	12.19
458	3709.8	146.56	12.21
459	3717.9	146.88	12.24
460	3726	147.2	12.27
461	3734.1	147.52	12.29
462	3742.2	147.84	12.32
463	3750.3	148.16	12.35
464	3758.4	148.48	12.37
465	3766.5	148.8	12.40
466	3774.6	149.12	12.43
467	3782.7	149.44	12.45
468	3790.8	149.76	12.48
469	3798.9	150.08	12.51
470	3807	150.4	12.53
471	3815.1	150.72	12.56
472	3823.2	151.04	12.59
473	3831.3	151.36	12.61
474	3839.4	151.68	12.64
475	3847.5	152	12.67
476	3855.6	152.32	12.69
477	3863.7	152.64	12.72
478	3871.8	152.96	12.75
479	3879.9	153.28	12.77
480	3888	153.6	12.80
481	3896.1	153.92	12.83
482	3904.2	154.24	12.85
483	3912.3	154.56	12.88
484	3920.4	154.88	12.91
485	3928.5	155.2	12.93
486	3936.6	155.52	12.96
487	3944.7	155.84	12.99
488	3952.8	156.16	13.01
489	3960.9	156.48	13.04
490	3969	156.8	13.07
491	3977.1	157.12	13.09
492	3985.2	157.44	13.12



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.