

HTL-TWR SERIES TAPE LIGHT

24V DC Wide Range Tunable (1800K-6000K)

Bring natural lighting indoors with our dynamic wide range tunable tape light. Featuring a 3-diode design that enables white light color blending from a warm glow of 1800K, all the way up to 6000K daylight, wide range tunable tape provides a far more satisfying natural environment to virtually any residential or commercial application.

- Dynamic wide range color tuning capabilities
- Side by side three diode configuration for even color blending
- Color tuning from 1800K up to 6000K CCT
- Lumen output ranging up to 411lm per foot
- Cuttable every 2.46" with 16.4ft max run
- Easy installation featuring 3M VHB adhesive backing
- IP54 rating featuring nano-coating protective layer
- Control via DMX or secondary side lighting controls
- cULus Listed for indoor dry/damp locations
- 50,000 hours rated life

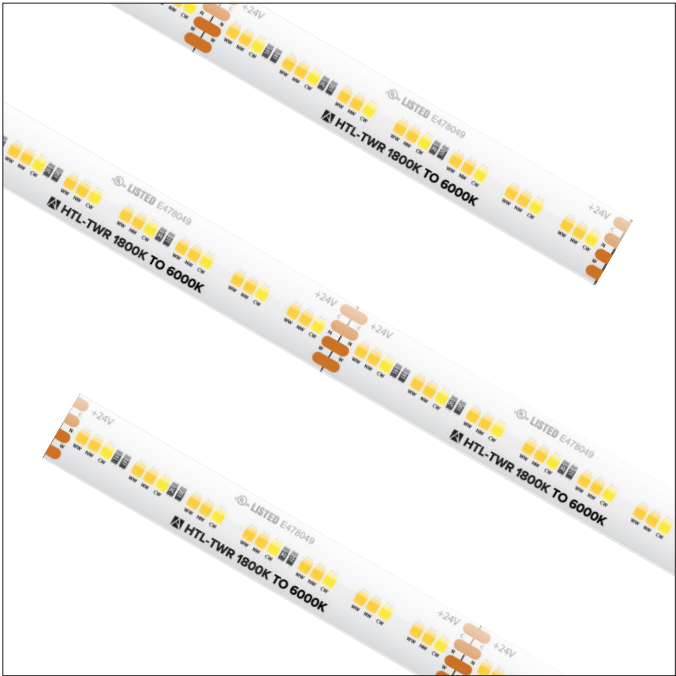


PROJECT:

TYPE:


LOCATION:

CATALOG NUMBER:



HTL-TWR SERIES QUICK SPECS	
VOLTAGE	24V DC
WATTAGE	5.9W / ft
LUMENS	Up to 410lm / ft
CCT OPTIONS	1800-6000K
CRI	90+
MAX RUN	16.4ft
CUTTING POINTS	2.46" (62mm)
IP RATING	IP54 - Coated
DIMMING	5-100% (Requires Secondary Side Controller)
DIMENSIONS	0.39" (10mm) W x 0.06" (1.65mm) H
BEAM ANGLE	120°
OPERATING TEMP	-20°C (4°F) to 45°C (113°F)
CERTIFICATIONS	cULus Listed - Dry / Damp Location
RATED LIFE	50,000 Hours

HTL-TWR 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

HTL-TWR SERIES QUICK LOOK

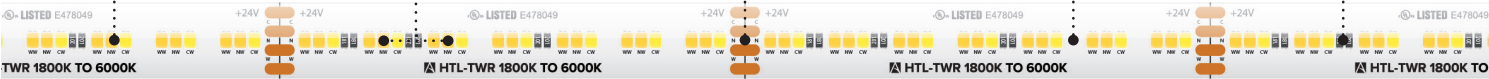
2216 (90+ CRI) LEDs

0.39" LED Spacing

Cuttable every 2.46"

IP54 Rating

10mm (0.39") Wide



16.4ft Max Run

HTL-TWR 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
HTL-TWR-16	24V DC	1800-6000K	16.4 ft	411Lm / ft	5.9W / ft	IP54	90+	2.46" (62mm)	16.4 ft

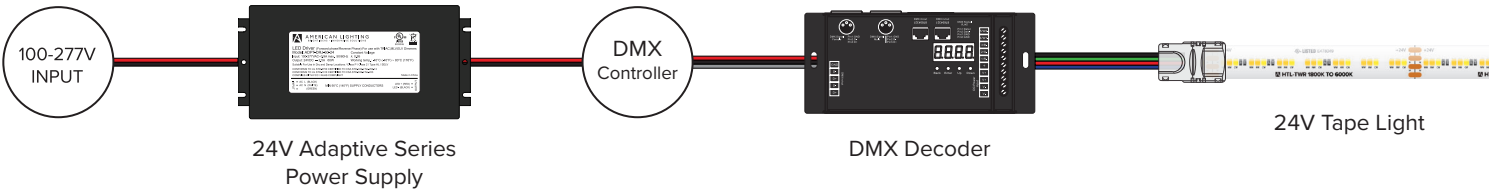
16.4ft Reels (IP54) Include: Attached 3ft Lead Wire / (3) TL-4PWR-HD / (3) TL-4SPL-HD

HTL-TWR SERIES ACCESSORIES

ITEM NUMBER	DESCRIPTION
TL-4PWR-HD	6" HD Power Feed (IP54)
TL-4SPL-HD	HD Splice (IP54)
TL-4SPL-L-HD	90° "L" HD Splice (IP54)
TL-4JUMP6-HD	6" HD Linking Cable (IP54)
TL-4JUMP24-HD	24" HD Linking Cable (IP54)
WIRE-15-4PIN	15ft (20/4) Wire Spool
WIRE-CMP-100-6PIN	100ft (16/6) In-wall Rated Wire Spool
RCWY-PVC-1M	1m Plastic Wire Cover Raceway



HTL-TWR SERIES DMX 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 DC	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 DC	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 DC	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 DC	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 DC	Yes*	11.85"L x 4.25"W x 1.8"H

Phase Dimming Compatible With Most MLV, ELV, and TRIAC Dimmers

HTL-TWR SERIES CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inch)	Length (Feet)
1	62.5	2.46	0.21
2	125	4.92	0.41
3	187.5	7.38	0.62
4	250	9.84	0.82
5	312.5	12.3	1.03
6	375	14.76	1.23
7	437.5	17.22	1.44
8	500	19.68	1.64
9	562.5	22.14	1.85
10	625	24.6	2.05
11	687.5	27.06	2.26
12	750	29.52	2.46
13	812.5	31.98	2.67
14	875	34.44	2.87
15	937.5	36.9	3.08
16	1000	39.36	3.28
17	1062.5	41.82	3.49
18	1125	44.28	3.69
19	1187.5	46.74	3.90
20	1250	49.2	4.10
21	1312.5	51.66	4.31
22	1375	54.12	4.51
23	1437.5	56.58	4.72
24	1500	59.04	4.92
25	1562.5	61.5	5.13
26	1625	63.96	5.33
27	1687.5	66.42	5.54
28	1750	68.88	5.74
29	1812.5	71.34	5.95
30	1875	73.8	6.15
31	1937.5	76.26	6.36
32	2000	78.72	6.56
33	2062.5	81.18	6.77
34	2125	83.64	6.97
35	2187.5	86.1	7.18
36	2250	88.56	7.38
37	2312.5	91.02	7.59
38	2375	93.48	7.79
39	2437.5	95.94	8.00
40	2500	98.4	8.20

Segment	Length (MM)	Length (Inch)	Length (Feet)
41	2562.5	100.86	8.41
42	2625	103.32	8.61
43	2687.5	105.78	8.82
44	2750	108.24	9.02
45	2812.5	110.7	9.23
46	2875	113.16	9.43
47	2937.5	115.62	9.64
48	3000	118.08	9.84
49	3062.5	120.54	10.05
50	3125	123	10.25
51	3187.5	125.46	10.46
52	3250	127.92	10.66
53	3312.5	130.38	10.87
54	3375	132.84	11.07
55	3437.5	135.3	11.28
56	3500	137.76	11.48
57	3562.5	140.22	11.69
58	3625	142.68	11.89
59	3687.5	145.14	12.10
60	3750	147.6	12.30
61	3812.5	150.06	12.51
62	3875	152.52	12.71
63	3937.5	154.98	12.92
64	4000	157.44	13.12
65	4062.5	159.9	13.33
66	4125	162.36	13.53
67	4187.5	164.82	13.74
68	4250	167.28	13.94
69	4312.5	169.74	14.15
70	4375	172.2	14.35
71	4437.5	174.66	14.56
72	4500	177.12	14.76
73	4562.5	179.58	14.97
74	4625	182.04	15.17
75	4687.5	184.5	15.38
76	4750	186.96	15.58
77	4812.5	189.42	15.79
78	4875	191.88	15.99
79	4937.5	194.34	16.20
80	5000	196.8	16.40



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.