

LED-TP12

Flexible Single Colour Indoor/Outdoor LED Tape Light, 120V Cabinet, Cove & Display

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

Features

Lighting Performance

SMD5050 LED chips with 8 watt power consumption per meter, this energy efficient LED tape produces 450 lumens per meter.

Colour Temperature

Available in soft white (2700°K), warm white (3000°K) and daylight (6000°K) correlated colour temperature.

Lumen Maintenance

The LED chip reduces ongoing maintenance with a 30,000 hours rated LED life.

Thermal Management System

Cool to the touch, this thermally efficient LED tape is suitable for illuminating sensitive perishables and UV sensitive apparel, artwork and collectibles.

Beam Spread

This LED tape features a 120° linear beam spread to provide ample and effective illumination.

Dimming

The LED tape is dimmable when used with most industry standard incandescent dimmers (minimum loads

may apply) – consult factory for dimmer listing.

Operating Temperature

-20°C~40°C (-22°F~104°F)

Environment

The LED tape is rated for use in wet locations (IP65). The tape is housed in a durable clear PVC outer jacket to protect it from the elements.

Mounting

This highly flexible LED tape is mounted via included clips (one clip per foot) for straight-line installations.

Linkability

LED tape is available in multiples of 0.46-meter (refer to page 3 for unit length chart) and can be combined with optional flexible connectors (sold separately) to a maximum run of 46 meters (contact factory for custom configuration).

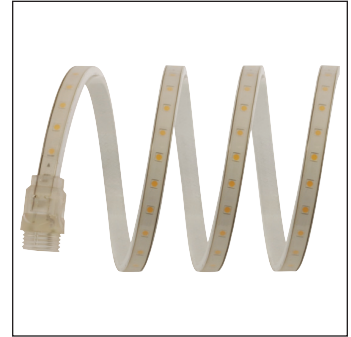
Power Source

LED tape includes a 5' (1.52 meter) power cord with 3.08A inverter and 2-blade polarized 120V AC plug.

Warranty

Warranted to be free of defects in material and workmanship for a period of three (3) years from the date of shipment from Liteline Corporation.

SPECIFICATION	
Approved Location	Wet
Beam Angle	120°
CCT	2700°K / 3000°K / 6000°K
Certification	cETLus
CRI	80+
Current	3.08 A
Dimming	Yes
Dimming Technology	Forward Phase
Input Voltage	120V
IP Rating	65
LM79	Yes
LM80	Yes
Lumens	450 / meter
Lumens per watt	56.3
Lumen Maintenance	70% @ 50,000 hrs
Max. Operating Temp.	40°C (104°F)
Min. Start Temp.	-20°C (-22°F)
Power Factor	>0.9
Rated Life	30,000 hrs
Warranty	3 Years
Wattage	8 / meter

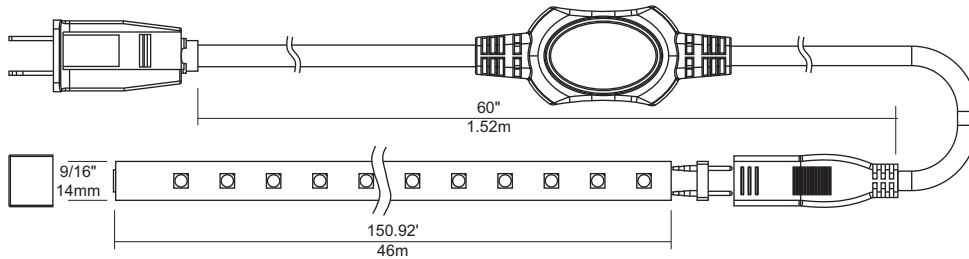


Description

LED-TP12 is an outdoor rated LED tape light. It provides ample illumination for effective residential, retail and commercial applications. It can be used for perimeter border lighting, guidance lighting, signage back lighting, uplighting or home decorations. Available with custom lengths up to 46-meter. LED-TP12 is ideal for decoration of ceilings, wall or contour marking. Suitable for use in wet locations







Notes: For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Multi-tape Configuration:



Accessories

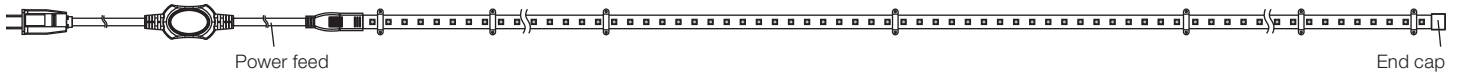
-  **LED-TP12-6-FC**
6.3" Flexible connector.
-  **LED-TP12-12-FC**
13" Flexible connector.
-  **LED-TP12-24-FC**
24.8" Flexible connector.
-  **LED-TP12-AL-CC**
3' Aluminum C-channel.



Ordering Guide

Option 1

Single Unit Length



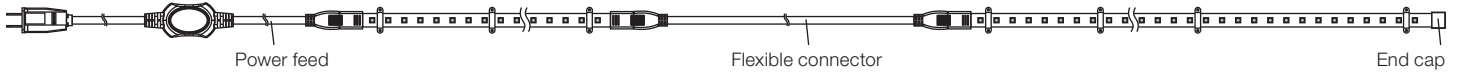
LED-TP12 -	Unit Length*	Colour Temp.	- PE
	01 : 0.46-meter 02 : 0.92-meter ... 99 : 45.54-meter CR : 46.00-meter	27K : 2700°K 30K : 3000°K 60K : 6000°K	

• **eg:** LED-TP12-45-27K-PE – 45.54-Meter (149.41 ft) LED tape, 2700°K, with power feed and end cap.

Note: To a maximum of 46 meters (151.92 ft) of LED tape.

Option 2

Double Unit Length



LED-TP12 -	Unit Length*	Colour Temp.	- P
	01 : 0.46-meter 02 : 0.92-meter ... 99 : 45.54-meter CR : 46.00-meter	27K : 2700°K 30K : 3000°K 60K : 6000°K	

• **eg:** LED-TP12-08-30K-P – 3.68-Meter (12.07 ft) LED tape, 3000°K, with power feed.

Available Connectors

LED-TP12-6-FC : 6.3" Flexible connector LED-TP12-12-FC : 13" Flexible connector LED-TP12-24-FC : 24.8" Flexible connector

LED-TP12 -	Unit Length*	Colour Temp.	- E
	01 : 0.46-meter 02 : 0.92-meter ... 99 : 45.54-meter CR : 46.00-meter	27K : 2700°K 30K : 3000°K 60K : 6000°K	

• **eg:** LED-TP12-10-30K-E – 4.60-Meter (15.09 ft) LED tape, 3000°K, with end cap.

Note: To a maximum of 46 meters (151.92 ft) of LED tape.

Option 3

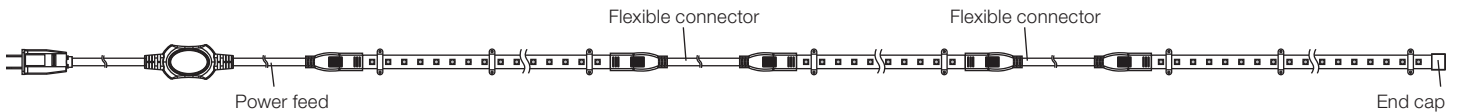
Multiple Unit Length

Available Connectors

LED-TP12-6-FC : 6.3" Flexible connector LED-TP12-12-FC : 13" Flexible connector LED-TP12-24-FC : 24.8" Flexible connector

Available Connectors

LED-TP12-6-FC : 6.3" Flexible connector LED-TP12-12-FC : 13" Flexible connector LED-TP12-24-FC : 24.8" Flexible connector



LED-TP12 -	Unit Length*	Colour Temp.	- P
	01 : 0.46-meter 02 : 0.92-meter ... 99 : 45.54-meter CR : 46.00-meter	27K : 2700°K 30K : 3000°K 60K : 6000°K	

• **eg:** LED-TP12-16-40K-P – 7.36-Meter (24.15 ft) LED tape, 4000°K, with power feed.

LED-TP12 -	Unit Length*	Colour Temp.
	01 : 0.46-meter 02 : 0.92-meter ... 99 : 45.54-meter CR : 46.00-meter	27K : 2700°K 30K : 3000°K 60K : 6000°K

• **eg:** LED-TP12-44-40K – 20.24-Meter (66.40 ft) LED tape, 4000°K, with power feed.

LED-TP12 -	Unit Length*	Colour Temp.	- E
	01 : 0.46-meter 02 : 0.92-meter ... 99 : 45.54-meter CR : 46.00-meter	27K : 2700°K 30K : 3000°K 60K : 6000°K	

• **eg:** LED-TP12-16-40K-E – 7.36-Meter (24.15 ft) LED tape, 4000°K, with end cap.

Note: To a maximum of 46 meters (151.92 ft) of LED tape.

* Refer to page 3 for unit length chart.

** For other configurations, please contact factory.

Unit Length Chart

Unit	Actual Dimension (ft)	Actual Dimension (m)
01	1.51	0.46
02	3.02	0.92
03	4.53	1.38
04	6.04	1.84
05	7.55	2.30
06	9.06	2.76
07	10.56	3.22
08	12.07	3.68
09	13.58	4.14
10	15.09	4.60
11	16.60	5.06
12	18.11	5.52
13	19.62	5.98
14	21.13	6.44
15	22.64	6.90
16	24.15	7.36
17	25.66	7.82
18	27.17	8.28
19	28.67	8.74
20	30.18	9.20
21	31.69	9.66
22	33.20	10.12
23	34.71	10.58
24	36.22	11.04
25	37.73	11.50
26	39.24	11.96
27	40.75	12.42
28	42.26	12.88
29	43.77	13.34
30	45.28	13.80
31	46.78	14.26
32	48.29	14.72
33	49.80	15.18
34	51.31	15.64
35	52.82	16.10
36	54.33	16.56
37	55.84	17.02
38	57.35	17.48
39	58.86	17.94
40	60.37	18.40
41	61.88	18.86
42	63.39	19.32
43	64.90	19.78
44	66.40	20.24
45	67.91	20.70
46	69.42	21.16
47	70.93	21.62
48	72.44	22.08
49	73.95	22.54
50	75.46	23.00

Unit	Actual Dimension (ft)	Actual Dimension (m)
51	76.97	23.46
52	78.48	23.92
53	79.99	24.38
54	81.50	24.84
55	83.01	25.30
56	84.51	25.76
57	86.02	26.22
58	87.53	26.68
59	89.04	27.14
60	90.55	27.60
61	92.06	28.06
62	93.57	28.52
63	95.08	28.98
64	96.59	29.44
65	98.10	29.90
66	99.61	30.36
67	101.12	30.82
68	102.62	31.28
69	104.13	31.74
70	105.64	32.20
71	107.15	32.66
72	108.66	33.12
73	110.17	33.58
74	111.68	34.04
75	113.19	34.50
76	114.70	34.96
77	116.21	35.42
78	117.72	35.88
79	119.23	36.34
80	120.73	36.80
81	122.24	37.26
82	123.75	37.72
83	125.26	38.18
84	126.77	38.64
85	128.28	39.10
86	129.79	39.56
87	131.30	40.02
88	132.81	40.48
89	134.32	40.94
90	135.83	41.40
91	137.34	41.86
92	138.85	42.32
93	140.35	42.78
94	141.86	43.24
95	143.37	43.70
96	144.88	44.16
97	146.39	44.62
98	147.90	45.08
99	149.41	45.54
CR	150.92	46.00