

# LED-TP1-12

Flexible Single Colour Indoor LED Tape Light  
Cove, Under Cabinet & Millwork

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

## Features

### Lighting Performance

1.3 Watt power consumption per 12" (305mm) section for white, while coloured LEDs consume 1.4 watts. This energy efficient LED tape produces up to 140 lumens.

- Warm White: 120 lumens per foot.
- Neutral White: 140 lumens per foot.
- Cool White: 140 lumens per foot.

### Colour Temperature

Available in warm white (3000 K  $\pm$  200 K), neutral white (4000 K  $\pm$  200 K) and cool white (6200 K  $\pm$  200 K) correlated colour temperature. Also available in blue (300mcd) and red (280mcd).

### Lumen Maintenance

The LED chip reduces ongoing maintenance with a 25,000 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 effective illumination.

### Dimming

The LED tape is dimmable when used with a compatible LED dimming driver (sold separately).

### Operating Temperature

-20°C ~ 50°C (-4°F ~ 122°F).

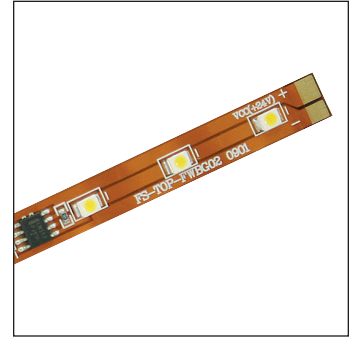
### Mounting

This highly flexible LED tape is provided with a Flexi3M® high bond adhesive backing that provides secure mounting to smooth surfaces.

### Linkable

With a constant current driver every 4" (102mm) that eliminates voltage drop, and built-in joiner, the LED tape offer continuous uninterrupted lighting. It is expandable up to 50 sections attached to a 24V driver (sold separately) or a 24V hardwire box (sold separately). The LED tape is also cuttable every 4" (102mm) for custom lengths.

SPECIFICATION	
Approved location	Dry
Beam Angle	120°
CCT	3000 K / 4000 K / 6200 K / 300mcd / 280mcd
Certification	cULus
Colour	WW / NW / CW / BL / RD
CRI	80+
Dimming	Yes
Dimming Technology	Dimming Driver
Lumen Maintenance	70% @ 50,000 hrs
Lumens	Up to 140
Lumens per watt	Up to 107.7
Max. Operating Temp.	50°C (122°F)
Min. Start Temp.	-20°C (-4°F)
Rated Life	25,000 hrs
Voltage	24V DC
Warranty	3 Years
Wattage	1.3 (for white) 1.4 (for coloured)

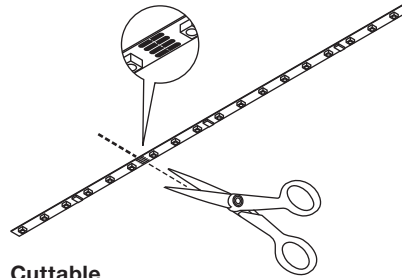
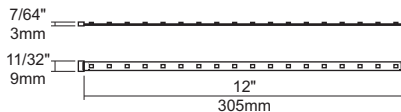


## Description

LED-TP1-12 is an indoor 12" (305mm) LED tape light. It provides ample illumination for effective residential, retail and light commercial displays. LED-TP1-12 is ideal for decoration of ceilings, wall or contour marking, backlit signs, under-cabinet, in-cabinet, toe kicks and task lighting. It can be linked for continuous uninterrupted lighting. For indoor use only (dry location).



**Notes:** For additional options please consult your Liteline representative. 3M is a registered trademark of 3M Corporation. Due to our continued efforts to improve our products, product specifications are subject to change without notice.



**Cuttable**  
(every 4" / 102mm)

## Ordering Guide



### LED-TP1-12-WW

12" (305mm) flexible LED tape light, warm white (3000 K), 1.3W, 105 lumens.



### LED-TP1-12-NW

12" (305mm) flexible LED tape light, neutral white (4000 K), 1.3W, 112 lumens.



### LED-TP1-12-CW

12" (305mm) flexible LED tape light, cool white (6200 K), 1.3W, 112 lumens.



### LED-TP1-12-BL

12" (305mm) flexible LED tape light, blue (300mcd), 1.4W.



### LED-TP1-12-RD

12" (305mm) flexible LED tape light, red (280mcd), 1.4W.

## Accessories



### LED-TP-18-BL

18" Blank cable for single colour LED indoor tape light, 24V.



### LED-TP-BL-EL

Flexible LED tape extension leads, for use with single colour LED indoor tape light, 24V.



### LED-TP-XC

TILX-connector for single colour LED indoor tape light, 24V.

## Compatible Drivers

### Non Dimming Class II

#### Plug-in Drivers

**LED-DVR-24V-24W**

LED plug-in driver with DC 2.1 jack, 24V, 24W. Maximum 14' run.

**LED-DVR-24V-36W**

LED plug-in driver with DC 2.1 jack, 24V, 36W. Maximum 22' run.

**LED-DVR-24V-60W**

LED plug-in driver with DC 2.1 jack, 24V, 60W. Maximum 2 runs, 19' per run.

#### Power feed required

**LED-TP-PF**

Power feed for single colour LED indoor tape light, 24V.

\* Power feed required for all drivers with DC 2.1 jack.

#### Hardwire Drivers

**LED-HWB-24V-24W**

LED hardwire driver with DC 2.1 jack, 24V, 24W. Maximum 14' run.

**LED-HWB-24V-36W**

LED hardwire driver with DC 2.1 jack, 24V, 36W. Maximum 22' run.

**LED-HWB-24V-60W**

LED hardwire driver with DC 2.1 jack, 24V, 60W. Maximum 2 runs, 19' per run.

#### Power feed required

**LED-TP-PF**

Power feed for single colour LED indoor tape light, 24V.

\* Power feed required for all drivers with DC 2.1 jack.

#### Accessories

**LED-DIM-24V**

LED touch dimmer, 24V, for use with non-dimming drivers.

**LED-SP-4**

Optional harness for up to 4 runs, 24V.

### Dimming Class II

#### Electronic Hardwire Drivers – Powered by Lutron®

**HWB-DIM-EDC-24V-25W**

25W LED electronic dimmable class 2 power supply, 24V. Maximum 15' run.

**HWB-DIM-EDC-24V-50W**

50W LED electronic dimmable class 2 power supply, 24V. Maximum 30' run.

**HWB-DIM-EDC-24V-96W**

96W LED electronic dimmable class 2 power supply, 24V. Maximum 2 runs, 30' per run.

**LED-HWBDIM2-24-40**

40W LED dimmable hardwire driver with DC 2.1 jack. 2-wire, 24V, powered by Lutron® Hi-lume® 1% 2-wire 120V LED driver. Maximum 30' run.

**LED-HWBDIM3-24-40**

40W LED dimmable hardwire driver with DC 2.1 jack. 3-wire, 24V, powered by Lutron® Hi-lume® 1% Ecosystem/3-wire LED driver. Maximum 30' run.

#### Power feed required

**LED-TP-PF**

Power feed for single colour LED indoor tape light, 24V.

\* Power feed required for all drivers with DC 2.1 jack.

**LED-DC21-72-PF**

72" Power feed, DC2.1 male to bare leads. Maximum 10' to first fixture.

\* Power feed required for all LED electronic dimmable hardwire drivers without DC 2.1 jack.

#### Magnetic Indoor/Outdoor Hardwire Drivers

**HWB-DIM-MDC-24V-20W**

20W LED magnetic dimmable hardwire driver, 24V. Maximum 13' run.

**HWB-DIM-MDC-24V-40W**

40W LED magnetic dimmable hardwire driver, 24V. Maximum 26' run.

**HWB-DIM-MDC-24V-60W**

60W LED magnetic dimmable hardwire driver, 24V. Maximum 30' run.

**HWB-DIM-MDC-24V-96W**

96W LED magnetic dimmable hardwire driver, 24V. Maximum 2 runs, 30' per run.

**HWB-DIM-MDC-24V-192W**

192W LED magnetic dimmable hardwire driver, 24V. Maximum 4 runs, 30' per run.

#### Optional power feeds

**LED-TP-PF**

Power feed for single colour LED indoor tape light, 24V.

**LED-DC21-72-PF**

72" Power feed, DC2.1 male to bare leads. Maximum 10' to first fixture.

\* Power feed required for all LED magnetic dimmable hardwire drivers.

#### Accessories

**LED-SP-4**

Optional harness for up to 4 runs, 24V.

**LED-TP-AL1607**

Aluminum profile for LED tape, with diffuser. 5/8"x1/4"x72" (16x7x1830mm). Includes 2 end caps and 4 mounting clips.

**LED-TP-AL1607-MC**

Mounting clips for LED-TP-AL1607, 4-pack.

**LED-TP-AL1607-EC**

End cap for LED-TP-AL1607, 2-pack.