

LED POWERTAPE KIT

High Output Single Color, 570-620 lumens, 4 Watt Accent Lighting

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

Features

Lighting Performance

4.1 Watt power consumption per 12" (305mm) section. This high output LED tape produces up to 620 lumens.

Color Temperature

Available in soft white (2700 K), warm white (3000 K), neutral white (3500 K) and cool white (4000 K) correlated color temperature.

Lumen Maintenance

The LED chip reduces ongoing maintenance with a 50,000 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.

Dimming

The LED tape is Wi-Fi dimmable when used with our OnCloud Adapter / High Power OnCloud Adapter.

Note: Not compatible with standard dimmers.

Beam Spread

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

Operating Temperature

-20°C~45°C (-4°F~113°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 connector, the LED tape offer continuous uninterrupted lighting. It is expandable up to 20 feet attached to a 24V driver. The LED tape is also cuttable every 4" (102mm) for custom lengths.

Environment

Suitable for dry locations.

LED Driver

24V DC driver available as plug-in or hardware, with a DC 2.1 connector. Drivers feature open and short circuit protection, and over voltage protection.

OnCloud Adapter / High Power OnCloud Adapter

An integrated constant voltage LED driver and a Wi-Fi + Bluetooth controller module. Available in 40W and 96W.

Kit Includes

- Tape at selected length with powerfeed
- LED driver
- 24V 1-channel OnCloud adapter
- DC 2.1 jack low-voltage powerfeed
- Extrusion with lens and end caps (optional)

Note: Connectors sold separately, see Accessories below.

SPECIFICATION	
Approved location	Dry
Beam Angle	120°
CCT	2700 K / 3000 K / 3500 K / 4000 K
Certification	cULus
CRI	80+
Dimming	Yes
Dimming Technology	Dimming Driver
LED Density	70 LEDs/m
Lumen Maintenance	70% @ 50,000 hrs
Lumens	Up to 620
Lumens per watt	Up to 151
Max. Operating Temp.	45°C (113°F)
Min. Start Temp.	-20°C (-4°F)
Rated Life	50,000 hrs
Voltage	24V DC
Warranty	3 Years
Wattage	4.1 W

CCT	LUMEN OUTPUT
2700 K	574
3000 K	584
3500 K	602
4000 K	623



Description

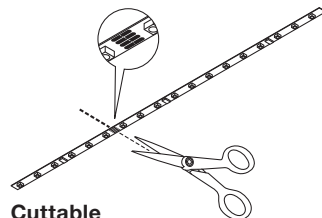
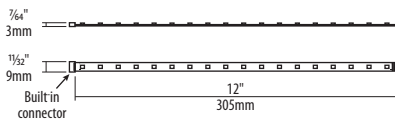
The PowerTape Kit includes Tape at selected length, LED driver, OnCloud Adapter, low-voltage powerfeed, and extrusion (optional). This LED tape light provides ample illumination for effective residential, retail and light commercial displays. Linkable for continuous uninterrupted lighting. For indoor use only (dry location).



* When used with OnCloud Driver Kit.

Notes:

For additional options please consult your Liteline representative. All trademarks are the property of their respective owners. 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.



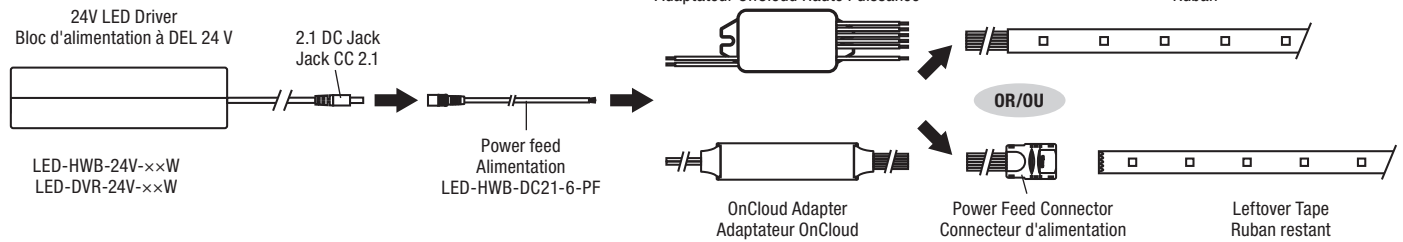
Cuttable
(every 4" / 102mm)

Ordering Guide

TP-	Length	CCT	12 - OCKIT	Driver	Lens + Channel ²
	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
	0340 : 3-meter, 40W Adapter 0698 : 6-meter, 96W High Power Adapter	27 : 2700 K 30 : 3000 K 35 : 3500 K 40 : 4000 K		1 : Hardwire 2 : Plug-in ¹	Leave blank for no extrusion 1 : LED-TP-AL1607 2 : LED-TP-AL1715SA 3 : LED-TP-AL1715RA

¹ Plug-in driver can only be used with 3-meter length. ² Appropriate amount will be provided in 2M (6ft) lengths, tape connectors require a gap.

Component Overview Présentation des composants



Additional Tape



TP-TP1VH-12-27
12-in section, 574lm per foot (4.1W/ft), 24VDC, 2700 K, for indoor dry location use only.



TP-TP1VH-12-35
12-in section, 602lm per foot (4.1W/ft), 24VDC, 3500 K, for indoor dry location use only.

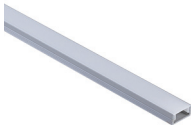


TP-TP1VH-12-30
12-in section, 584lm per foot (4.1W/ft), 24VDC, 3000 K, for indoor dry location use only.



TP-TP1VH-12-40
12-in section, 623lm per foot (4.1W/ft), 24VDC, 4000 K, for indoor dry location use only.

Extrusions



SURFACE MOUNT LED-TP-AL1607

- 7mm deep
- 1170lm/m (351lm/ft)
- Compatible with tape up to 12mm wide
- 2m (6ft)
- Includes end caps (2 pcs) and mounting clips (4 pcs)

Dot Rendering Scale



Semi-Diffused



SURFACE MOUNT LED-TP-AL1715SA

- 15mm deep
- 1072lm/ft (322lm/ft)
- Compatible with tape up to 12mm wide
- 2m (6ft)
- Includes end caps (2 pcs) and mounting clips (4 pcs)

Dot Rendering Scale



Mostly Diffused



RECESSED MOUNT LED-TP-AL1715RA

- 15mm deep
- 1072lm/ft (322lm/ft)
- Compatible with tape up to 12mm wide
- 2m (6ft)
- Includes end caps (2 pcs)

Dot Rendering Scale



Mostly Diffused



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



LED-TP-AL1715SA-EC
End cap for LED-TP-AL1715SA, 2-pack.



LED-TP-AL1715RA-EC
End cap for LED-TP-AL1715RA, 2-pack.



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

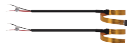


LED-TP-AL1715SA-MC
Mounting clips for LED-TP-AL1715SA, 4-pack.

Connectors



LED-TP-18-BL
18" Blank cable for single color LED indoor tape light, 24V.



LED-TP-BL-EL
Flexible LED tape extension leads, for use with single color LED indoor tape light, 24V.



LED-TP-XC
TILX-connector for single color LED indoor tape light, 24V.

OnCloud



LC-CRTL-SCENE-1
OnCloud Room Controller, Wi-Fi, On/OFF, CCT, Dimming and favourite scenes.



LC-CRTL-RMT01WIZ-BK
OnCloud multi-function remote control.



LC-DVR-CV96W1TP-1C
40W 24V DC 1-Channel OnCloud adapter, controls wireless dimming and on/off capability. Compatible with the WiZ app, Room Controller and smart speakers.



OC-DVR-CV96W1TP-1C
96V 24V DC 1-Channel High Power OnCloud adapter, controls wireless dimming and on/off capability. Compatible with the WiZ app, Room Controller and smart speakers.

Power feed required



LED-TP-BL-EL
Flexible LED tape extension leads, for use with single color LED indoor tape light, 24V.

Plug-in Drivers (non-dimming)



LED-DVR-24V-24W
LED plug-in driver with DC 2.1 jack, 24V, 24W.



LED-DVR-24V-36W
LED plug-in driver with DC 2.1 jack, 24V, 36W.



LED-DVR-24V-60W
LED plug-in driver with DC 2.1 jack, 24V, 60W.

Power feed required



LED-HWB-DC21-6-PF
DC 2.1 barrel plug to bare leads power feed.

Indoor Hardwire Drivers (non-dimming)



LED-HWB-24V-24W
LED hardwire driver with DC 2.1 jack, 24V, 24W.



LED-HWB-24V-36W
LED hardwire driver with DC 2.1 jack, 24V, 36W.



LED-HWB-24V-60W
LED hardwire driver with DC 2.1 jack, 24V, 60W.



LED-HWB-24V-100W
LED hardwire driver with DC 2.1 jack, 24V, 100W.

Power feed required



LED-HWB-DC21-6-PF
DC 2.1 barrel plug to bare leads power feed.