Liteline OnCloud | Connected by WiZ

LED POWERTAPE 800 Kit

Flexible 1.5/3.5-Meter (59-1/16" / 137-13/16") Indoor – IP20

General Illumination

Features

Lighting Performance
Available in 2500 lumens per meter, this high density LED tape maintains uniform intensity. Single CCT options 2700 K, 3000 K, 3500 K and 4000 K producing up to 2500 lumens per meter at 3500 K.

Color Temperature
Single CCT options 2700 K, 3000 K, 3500 K and 4000 K, with 90+ CRI.

Lumen Maintenance
LEDs reduce ongoing maintenance, has a rated life of over 50,000 hours.

Power Consumption
Operates as a constant voltage load at 24VDC, and consumes 30 Watts per meter.

Dimming
The LED tape is Wi-Fi dimmable when used with our OnCloud Adapter / High Power Oncloud Adapter (sold separately). See page 2 for driver options.
Note: Not compatible with standard dimmers.

Beam Spread
This LED tape features a 120° linear beam spread to provide eve light distribution.

Operating Temperature
-20°C~42°C (-4°F~108°F).

Mounting
This flexible LED tape is provided with a 3M® high bond adhesive backing that provides secure mounting to smooth surfaces.

Environment
Suitable for dry locations; IP20 rated.

LED Driver
24V DC driver available as plug-in or hardwire, 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	
Application	General Illumination
Approved location	Dry
Beam Angle	120°
CCT	Single CCT (2700 K / 3000 K / 3500 K / 4000 K
Certification	cETLus
CRI	90+
Dimming	Yes
Dimming Technology	Wireless OnCloud
LED Density	120 LEDs/m
Link Connector	TP-CON-12MM2PIN-I-20
Lumens	2500lm/m (750lm/ft)
Lumens per watt	Up to 83
Max. Op. Temp.	42°C (108°F)
Maximum Run	3.5 meters (11.5-ft)
Min. Start Temp.	-20°C (-4°F)
Power Supply Type	Constant Voltage
Projected Life	70% @ 50,000 hrs
Voltage	24V DC
Warranty	3 Years
Wattage	30W per meter

Description

The Powertape 800 Kit includes Tape at selected length, LED driver, OnCloud Adapter, low-voltage powerfeed, and extrusion (optional). This LED tape provides ample illumination for residential, retail and commercial general illumination. Suitable for dry locations.

WORKS WITH WiZ | WORKS WITH alexa
works with the Google Assistant | works with Siri Shortcuts
Works with IFTTT | 3 YEAR WARRANTY GARANTIE 3 ANS | ETL Intertek

Notes: Accessories should be ordered separately. 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.

6"
152mm

196⅞"
5000mm

1/16"
1.1mm

15/32"
12mm
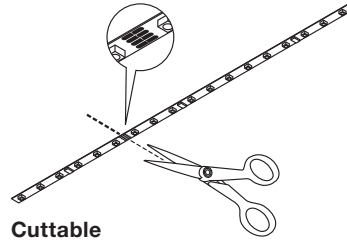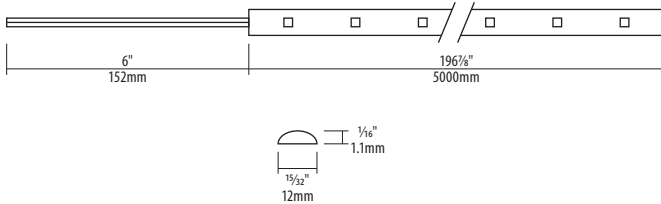
Cuttable
(Every 2" / 50mm)
Use Silicone (not included) to seal cut end.

Ordering Guide

	Length	CCT	Driver	Lens + Channel[2]
TP-		-	30 - OCKIT	

QUICKSHIP 7-DAY

0140 : 1.5-meter, 40W Adapter
0398 : 3.5-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
2 : LED-TP-AL1715SA
3 : LED-TP-AL1715RA

[1] Plug-in driver can only be used with 1.5-meter length. [2] Appropriate amount will be provided in 2M (6ft) lengths, tape connectors require a gap.

Component Overview
Présentation des composants

24V LED Driver
Bloc d'alimentation à DEL 24 V

2.1 DC Jack
Jack CC 2.1

High-Power OnCloud Adapter
Adaptateur OnCloud Haute Puissance

Tape
Ruban

LED-HWB-24V-××W
LED-DVR-24V-××W

Power feed
Alimentation
LED-HWB-DC21-6-PF

OnCloud Adapter
Adaptateur OnCloud

OR/OU

Power Feed Connector
Connecteur d'alimentation

Leftover Tape
Ruban restant
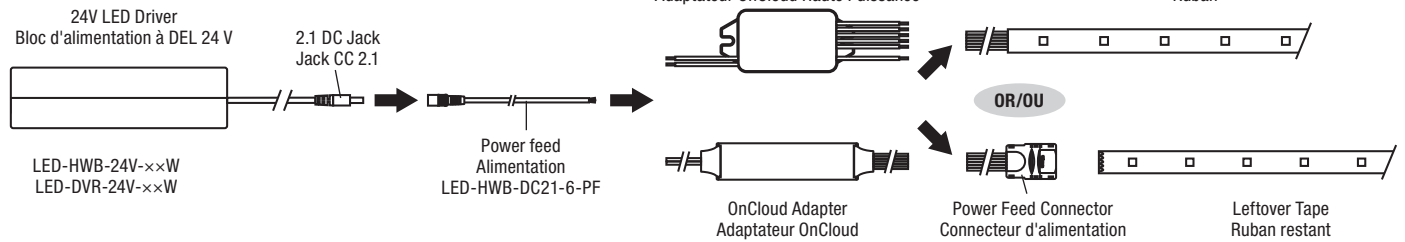
Additional Tape

TP-5M30W-2790-20
5-Meter roll, 2500lm per meter (30W per meter), IP20, 24VDC, 2700 K.

TP-5M30W-3590-20
5-Meter roll, 2500lm per meter (30W per meter), IP20, 24VDC, 3500 K.
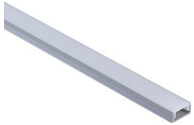
TP-5M30W-3090-20
5-Meter roll, 2500lm per meter (30W per meter), IP20, 24VDC, 3000 K.

TP-5M30W-4090-20
5-Meter roll, 2500lm per meter (30W per meter), IP20, 24VDC, 4000 K.

Extrusions

SURFACE MOUNT
LED-TP-AL1607
• 7mm deep
• 1680lm/m (512lm/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

SURFACE MOUNT
LED-TP-AL1715SA
• 15mm deep
• 1375lm/m (412lm/ft)
• Compatible with tape up to 12mm wide
• 2m (6ft)
• Includes end caps (2 pcs) and mounting clips (4 pcs)
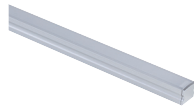
Dot Rendering Scale

Fully Diffused

RECESSED MOUNT
LED-TP-AL1715RA
• 15mm deep
• 1375lm/m (412lm/ft)
• Compatible with tape up to 12mm wide
• 2m (6ft)
• Includes end caps (2 pcs)

Dot Rendering Scale

Fully 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

TP-CON-12MM2PIN-F-20
2-Pin 24VDC 5 Amps max. 175mm power feed. For use with TP-5M30W-xx90-20. 10 pack.

TP-CON-12MM2PIN-I-20
2-Pin 24VDC 5 Amps max. "I" connector. For use with TP-5M30W-xx90-20. 10 pack.

TP-CON-12MM2PIN-P-20
2-Pin 24VDC 5 Amps max. 175mm jumper. For use with TP-5M30W-xx90-20. 10 pack.

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
96W 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.

Plug-in Drivers (non-dimming)

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-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.