Liteline OnCloud

Connected by WiZ

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

LED COLOR TAPE KIT

Flexible 4/5/10-Meter (157-1/2" / 196-7/8" / 393-11/16"), High Output, Full Color, Indoor/Outdoor – IP54

General Illumination

Features

Lighting Performance
Available in 1000 (10W) and 1650 (19W) lumens per meter options, this high density full color (RGB + Tunable White) LED maintains uniform intensity. It provides full color with its RGB channels and full 2200 K to 6500 K whites through the dedicated tunable white channels producing up to 1650 lumens per meter at 3500 K.

Color Temperature
Achieves full color, combining RGB and Tunable White (2200 K - 6500 K), with 90+ CRI in the Tunable White range and an R9 of up to 95.

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 up to 0.80 Amps / 19 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 even 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 and damp locations; IP54 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.
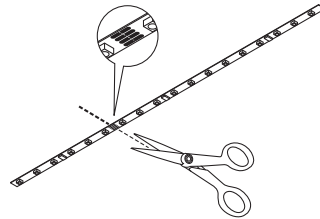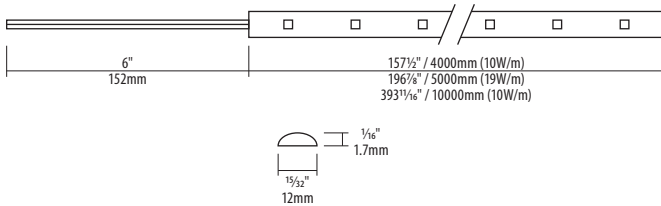
Kit Includes
• Tape at selected length with powerfeed
• LED driver
• 24V 5-channel OnCloud adapter
• DC 2.1 jack low-voltage powerfeed
• Extrusion with lens and end caps (optional)
Note: Connectors sold separately, see Accessories below.

Start-Up Kit Includes
• All items in the above kit, plus
• Room Controller
• 2 × Power Feed
• 4 × Jumper
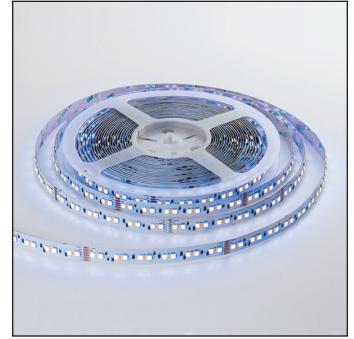• 10-ft SJT6 AWG20 extension cable

SPECIFICATION

Application	General Illumination
Approved location	Dry and Damp
Beam Angle	120°
CCT	RGB + Tunable White (2200 K ~ 6500 K)
Certification	cETLus
CRI	90+
Dimming	Yes
Dimming Technology	Wireless OnCloud
LED Density	180 LEDs/m, groups of 3 (WW/CW/RGB)
Link Connector	TP-CON-12MM6PIN-I-54
Lumens	10W/m: 1000lm/m (305lm/ft) 19W/m: 1650lm/m (503lm/ft)
Lumens per watt	Up to 87
Max. Op. Temp.	42°C (108°F)
Maximum Run	10W/m: 10m (32ft) 19W/m: 5.2m (17ft)
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	Up to 19W per meter

Description

The Color Tape 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 and damp locations.

6"
152mm

157½" / 4000mm (10W/m)
196⅞" / 5000mm (19W/m)
393¹¹⁄₁₆" / 10000mm (10W/m)

1⁄16"
1.7mm

15⁄32"
12mm

Cuttable
(Every 4" / 100mm)
Use Silicone (not included) to seal cut end.

WORKS WITH WiZ

WORKS WITH alexa

works with the Google Assistant

works with Siri Shortcuts

Works with IFTTT

3 YEAR WARRANTY / GARANTIE 3 ANS

c ETL us Intertek

✓ RoHS COMPLIANT
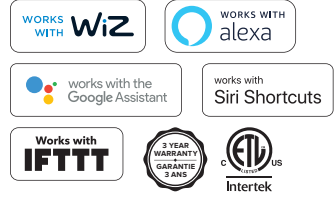
Notes: Accessories should be ordered separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

LITELINE.COM

REV 8.2.23

Ordering Guide

	Length		Wattage		Driver	Lens + Channel[2]
TP-		- CT		- OCKIT		

QUICKSHIP 7-DAY

0440 : 4-meter, 40W Adapter	**10 :** 10W/m	**1 :** Hardwire	Leave blank for no extrusion
1098 : 10-meter, 96W High Power Adapter		**2 :** Plug-in[1]	**2 :** LED-TP-AL1715SA
0598 : 5-meter, 96W High Power Adapter	**19 :** 19W/m		**3 :** LED-TP-AL1715RA

[1] Plug-in driver can only be used with 4-meter, 40W adapter. [2] Appropriate amount will be provided in 2M (6ft) lengths, tape connectors require a gap.
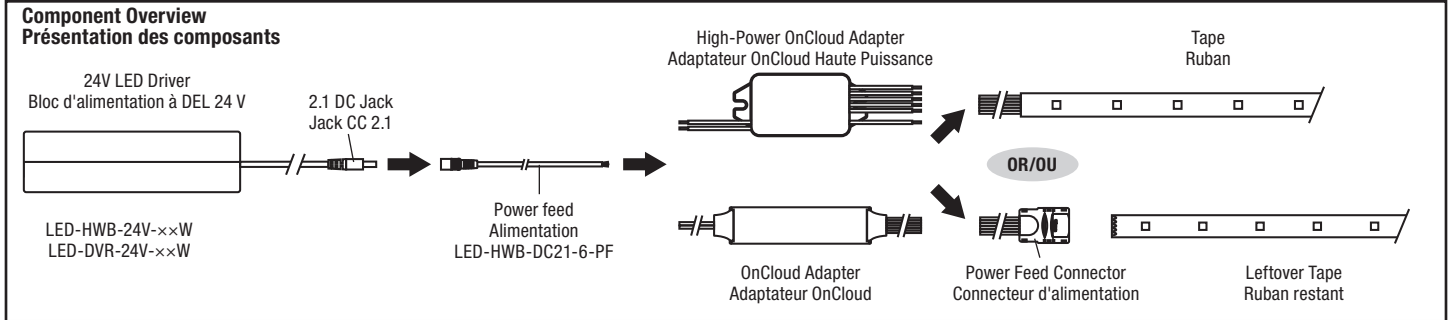
Color Tape Start-Up Kits   (Lens + Channel / Accessories sold separately)

TP-0598-CT19-OCKIT3
5-meter, 19W/m, 96W High Power OnCloud Adapter, 100W Hardwire Driver, Room Controller, 2× Power Feed, 4× Jumper, 10-ft SJT6 AWG20 extension cable.

TP-1098-CT10-OCKIT3
10-meter, 10W/m, 96W High Power OnCloud Adapter, 100W Hardwire Driver, Room Controller, 2× Power Feed, 4× Jumper, 10-ft SJT6 AWG20 extension cable.

Component Overview
Présentation des composants

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

2.1 DC Jack
Jack CC 2.1

LED-HWB-24V-××W
LED-DVR-24V-××W

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

High-Power OnCloud Adapter
Adaptateur OnCloud Haute Puissance

Tape
Ruban

OR/OU

OnCloud Adapter
Adaptateur OnCloud

Power Feed Connector
Connecteur d'alimentation

Leftover Tape
Ruban restant

Additional Tape

TP-4M10W-RGBTW95A-54
4-Meter roll, 1000lm per meter (10W per meter), IP54, 24VDC, RGB and 2200 K - 6500 K.

TP-10M10W-RGBTW95A-54
10-Meter roll, 1000lm per meter (10W per meter), IP54, 24VDC, RGB and 2200 K - 6500 K.

TP-5M19W-RGBTW95A-54
5-Meter roll, 1650lm per meter (19W per meter), IP54, 24VDC, RGB and 2200 K - 6500 K.

Extrusions

SURFACE MOUNT
LED-TP-AL1715SA
• 15mm deep
• 10.5W: 550lm/m (168lm/ft)
  19W: 907lm/m (277lm/ft)
• Compatible with tape up to 12mm wide
• 2m (6ft)
• Includes end caps

Dot Rendering Scale

Fully Diffused

RECESSED MOUNT
LED-TP-AL1715RA
• 15mm deep
• 10.5W: 550lm/m (168lm/ft)
  19W: 907lm/m (277lm/ft)
• Compatible with tape up to 12mm wide
• 2m (6ft)
• Includes end caps

Dot Rendering Scale

Fully Diffused

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

Connectors

TP-CON-12MM6PIN-F-54
6-Pin 24VDC 5 Amps max. 175mm power feed. For use with, 10 pack.

TP-CON-12MM6PIN-I-54
6-Pin 24VDC 5 Amps max. "I" connector. For use with. 10 pack.

TP-CON-12MM6PIN-P-54
6-Pin 24VDC 5 Amps max. 175mm jumper. For use with. 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-CV96W1CT10-5C
40W, 24V 5-Channel OnCloud adapter, controls wireless dimming, white tuning, color and on/off capability. Compatible with the WiZ app, Room Controller and smart speakers.

OC-DVR-CV96W1CT10-5C
OC-DVR-CV96W1CT19-5C
96W, 24V 5-Channel High Power OnCloud adapter, controls wireless dimming, white tuning, color 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.

Extension Cable

AW20-RGBTW-SJT6-50
50-ft SJT6 AWG20 extension cable