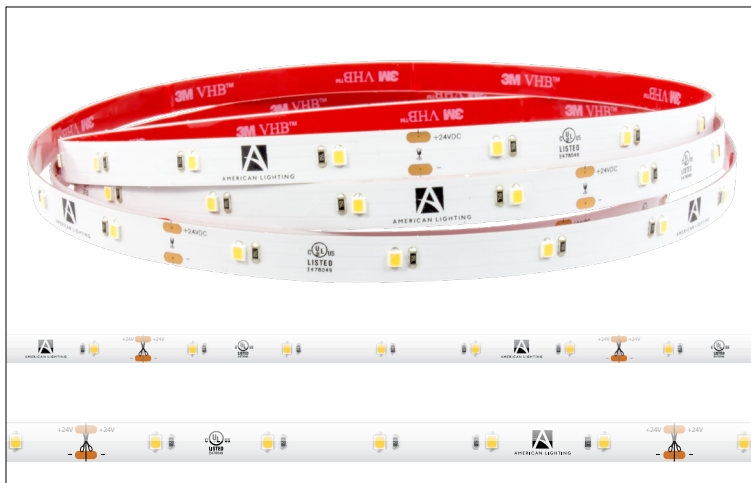24V
12V | # TRULUX Standard Grade Tape Light

AMERICAN LIGHTING
BRIGHT IDEAS · INNOVATIVE SOLUTIONS

PROJECT:

TYPE:

LOCATION:

CAT:

Description
Economical and versatile tape light with light output ranging from 100-155 lumens and run lengths up to 32.8ft

Features
- Unjacketed (IP54) or Jacketed (IP65) rating options
- Linking accessories, controllers, receivers, power supplies, and extrusions are available for Trulux tape light (sold separately)

Mounting
Surface mount via attached 3M adhesive tape, mounting clips, or aluminum extrusions (sold separately)
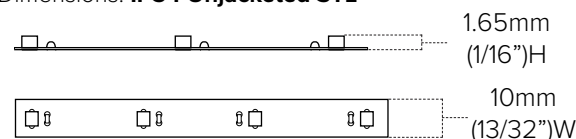
Applications
Task or accent lighting, edge lighting, cabinetry, shelving, coves, staircases, toe kicks, railings, display cases
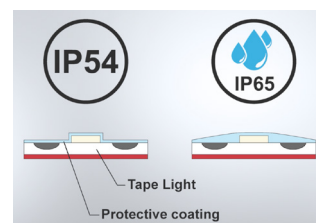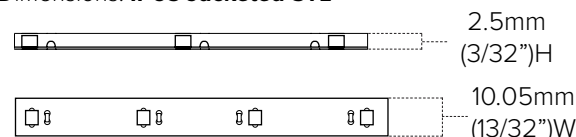
DIMMABLE   c(UL)us LISTED

Technical Information

IP Rating	IP54					IP65			
Voltage	12V DC	24V DC				24V DC			
CCT	3000K	2400K	2700K	3000K	4000K	2400K	2700K	3000K	4000K
CRI	94+								
Wattage	2.7W/ft					2.7W/ft			
Lumens	146Lm/ft	140Lm/ft	146Lm/ft	150Lm/ft	155Lm/ft	100Lm/ft	105Lm/ft	115Lm/ft	125Lm/ft
Max Run	27ft	32.8ft				32.8ft			
Cutting	3.94"	6.56"				6.56"			
Dimming	Trulux controllers or most low-voltage electronic dimmers / ELV Drivers								
LED	LEDs spaced every 1.30"					LEDs spaced every 1.30"			
Beam	120°								
Operating Temp	5°C (41°F) to 70°C (158°F)								
Ambient Temp	-20°C (-4°F) to 40°C (104°F)								
Rating	cULus Listed, dry location					cULus Listed, damp location			
Rated Life	50,000 Hours					50,000 Hours			

Dimensions: **IP54 Unjacketed STL**

1.65mm (1/16")H

10mm (13/32")W

Dimensions: **IP65 Jacketed STL**

2.5mm (3/32")H

10.05mm (13/32")W

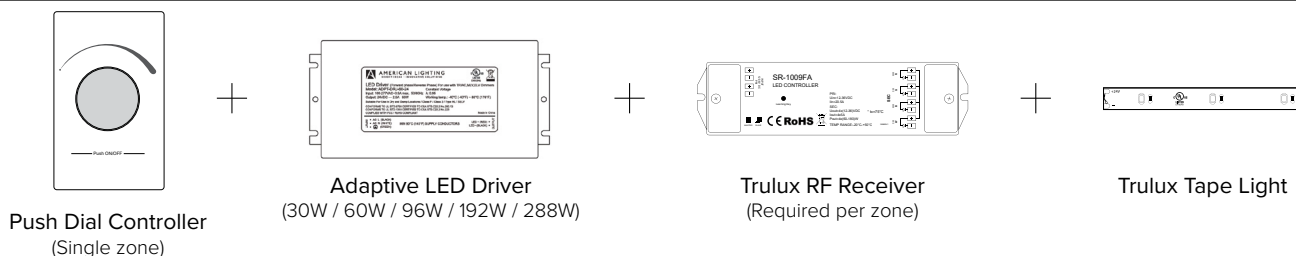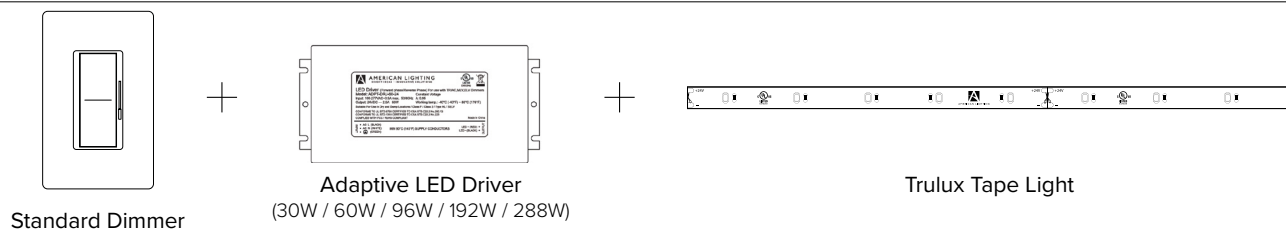IP54   IP65

When using standard snap connectors, it is recommended to scrape off the coating from each conductor to ensure a proper connection. When using heavy duty snap connectors, this is only necessary for IP65 and IP68 types.

Tape Light
Protective coating

Trulux Controller Set-up

Push Dial Controller
(Single zone)

+

Adaptive LED Driver
(30W / 60W / 96W / 192W / 288W)

+

Trulux RF Receiver
(Required per zone)

+

Trulux Tape Light

Primary Side Dimming Set-up

Standard Dimmer

+

Adaptive LED Driver
(30W / 60W / 96W / 192W / 288W)

+

Trulux Tape Light

Trulux Single Color Control Options

Image	Part Number	Description
		Trulux Controllers
	SRF-BATT	Trulux Single Color Radio Frequency Control; Push Dial Wall Mount; Single zone; Battery operated (CR2032 included); Requires the use of a Trulux Radio Frequency receiver
	SRF-4Z-3P	Trulux Single Color Radio Frequency Control; Touch Slider Wall Mount; 1-4 zones; 12V/24V DC input; Requires the use of a Trulux Radio Frequency receiver
	Trulux App	Trulux Mobile Application; Mobile Phone or Tablet ready, interactive dial controls; Available on Google Play or the App Store; Requires the TruHub (RF-WiFi-8) router and receivers (REC-5A-4Z) for 2-8 zones or the RF + WiFi receiver (REC-5A-4Z-WiFi) for single zone applications
		Trulux Receivers
	REC-5A-4Z	Trulux Radio Frequency Receiver; Sync multiple receivers to a single control; 4 x (60-180W) 5A per channel; 12V/24V DC input; For use with Trulux Radio Frequency control or Trulux TruHub plus Trulux App
	REC-5A-4Z-WIFI	Trulux Radio Frequency + WiFi Receiver; Sync multiple receivers to a single control; 4 x (60-180W) 5A per channel; 12V/24V DC input; For use with Trulux Radio Frequency Control or Trulux App
	WIFI-RF-8	TruHub WiFi Hub Control; converts WiFi to RF for 2-8 zones; For use with REC-5A-4Z and Trulux App

Recommended Power Supplies

Part Number	Description	Application	Primary / Secondary	Total Wattage	Listing	Dimensions
		For Trulux Controlled Systems				
LED-DR30-12	Constant voltage hardwire driver	Dry location	100-240 AC / 12V DC	30W	cURus	6-1/2"x1-3/4"x1-3/16"
LED-DR60-12	Constant voltage hardwire driver	Dry/Damp location	100-240 AC / 12V DC	60W	cURus	7-13/16"x1-3/4"1-5/8"
LED-DR100-12	Constant voltage hardwire driver	Dry/Wet location	100-240 AC / 12V DC	100W	cURus	7-5/8"x2-1/8"1-1/2"
LED-DR150-12	Constant voltage hardwire driver	Dry/Wet location	100-240 AC / 12V DC	150W	cURus	9"x2-5/8"1-1/2"
LED-DR30-24	Constant voltage hardwire driver	Dry location	100-240 AC / 24V DC	30W	cURus	6-1/2"x1-3/4"x1-3/16"
LED-DR60-24	Constant voltage hardwire driver	Dry/Damp location	100-240 AC / 24V DC	60W	cURus	7-13/16"x1-3/4"1-5/8"
LED-DR100-24	Constant voltage hardwire driver	Dry/Wet location	100-240 AC / 24V DC	100W	cURus	7-5/8"x2-1/8"1-1/2"
LED-DR150-24	Constant voltage hardwire driver	Dry/Wet location	100-240 AC / 24V DC	150W	cURus	9"x2-5/8"1-1/2"
		For Non-Trulux Controlled Systems				
ELV-30-12	Constant voltage hardwire driver	Dry location	100-130V AC / 12V DC	30W	cETLus	7-1/16"x2-3/8"1-3/8"
ELV-45-12	Constant voltage hardwire driver	Dry location	100-130V AC / 12V DC	45W	cETLus	7-1/16"x2-3/8"1-3/8"
ELV-60J-12	Constant voltage hardwire driver	Wet location	100-130V AC / 12V DC	60W	cETLus	13-3/4"x3-1/16"x2-5/16"
ELV-80J-12	Constant voltage hardwire driver	Wet location	100-130V AC / 12V DC	80W	cETLus	13-3/4"x3-1/16"x2-5/16"
ELV-30-24	Constant voltage hardwire driver	Dry location	100-130V AC / 24V DC	30W	cETLus	7-1/16"x2-3/8"1-3/8"
ELV-45-24	Constant voltage hardwire driver	Dry location	100-130V AC / 24V DC	45W	cETLus	7-1/16"x2-3/8"1-3/8"
ELV-60J-24	Constant voltage hardwire driver	Wet location	100-130V AC / 24V DC	60W	cETLus	13-3/4"x3-1/16"x2-5/16"
ELV-80J-24	Constant voltage hardwire driver	Wet location	100-130V AC / 24V DC	80W	cETLus	13-3/4"x3-1/16"x2-5/16"

ELV Drivers require 60% minimum load in dimming applications

Ordering Information

**24V 16.4ft Reels
STL Series**

TAPE LIGHT TYPE		CCT
	–	

STL = IP54 Standard Grade
STL65 = IP65 Standard Grade

UWX = 2400K
UWW = 2700K
WW = 3000K
WH = 4000K

**24V 32.8ft Reels
STL Series**

TAPE LIGHT TYPE		CCT		LENGTH
STL	–		–	33

STL = IP54 Standard Grade

UWX = 2400K
UWW = 2700K
WW = 3000K
WH = 4000K

33 = 32.8ft Kit

**24V 100ft Reels
STL Series**

TAPE LIGHT TYPE		CCT		LENGTH
STL	–		–	100

STL = IP54 Standard Grade

UWW = 2700K
WW = 3000K

100 = 100ft Reel

**12V 100ft Reels
STL Series**

TAPE LIGHT TYPE		CCT		LENGTH		VOLTAGE
STL	–	WW	–	100	–	12V

STL = IP54 Standard Grade

WW = 3000K

33 = 32.8ft Reel

12V = 12V DC

**24V 16.4ft Kits
STL Series**

TAPE LIGHT TYPE		CCT		LENGTH
STL	–		–	5MKIT

STL = IP54 Standard Grade

UWW = 2700K
WW = 3000K

5MKIT = 16.4ft Kit

Trulux Standard Grade is also available in Custom Cut (special order) lengths.

STL (IP54) 16.4ft or 32.8ft Reels include:
Attached 3ft lead wire
(3) TL-CONKIT power connector kits
(3) TruLink IP54 connector blocks

STL65 (IP65) 16.4ft Reels include:
(3) TL-CONKIT power connector kits
(1) Male IP65 power connector
(1) Female IP65 power connector

STL (IP54) 100ft Reels include:
(5) TL-CONKIT power connector kits
(5) TruLink connector blocks

STL (IP54) 16.4ft Kits include:
(1) - 24V 2A Plug-in Driver (16.4ft max run)
(1) - Handheld Remote with In-Line RF Receiver
(1) - Power Supply Connection
(1) - 15ft Spool of 22AWG Wire
(1) - 16.4ft (5M) Standard Grade Tape Light
(3) - Tape-to-Tape Snap Connectors
(6) - Tape-to-Wire Snap Connectors

Example Part # **STL-UWX**

STL	–	UWX

Connection Accessories

Image	Part Number	Description
	TL-CONKIT	TruLink 4-in-1 block connector kit with 36" lead wire (2pin, 18AWG wire); For dry, indoor location use only
	TL-BLKS	TruLink 4-in-1 block connector (2pin) (Bag of 10); For dry, indoor location use only
	TL-2PWR-HD	IP54 Power feed "Heavy Duty" snap connector to bare wires (2pin, 20AWG wire); For dry, indoor location use only
	TL-2JUMP6-HD	6" IP54 Tape-to-tape "Heavy Duty" snap jumper (2pin, 20AWG wire); For dry, indoor location use only
	TL-2JUMP24-HD	24" IP54 Tape-to-tape "Heavy Duty" snap jumper (2pin, 20AWG wire); For dry, indoor location use only
	TL-2SPL-HD	IP54 In-line splice "Heavy Duty" snap connector (2pin); For dry, indoor location use only
	TL-2JUMP65-.5	6" IP65 Power-to-power jumper (2pin) - for IP65 tape
	TL-2JUMP65-1	12" IP65 Power-to-power jumper (2pin) - for IP65 tape
	TL-2JUMP65-2	24" IP65 Power-to-power jumper (2pin) - for IP65 tape
	TL-ENDS65-10	End Caps (Bag of 10) - For IP65 or IP68 tape
	TL-CLIPS-15	Mounting clips (Bag of 15) - For IP65 or IP68 tape