24V | TRULUX High Output Tape Light

AMERICAN LIGHTING
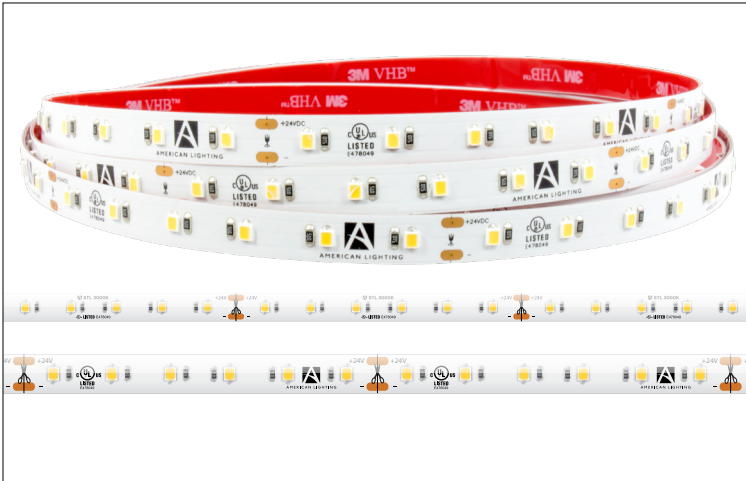BRIGHT IDEAS · INNOVATIVE SOLUTIONS

PROJECT:

TYPE:

LOCATION:

CAT:

Description
Economical and versatile tape light with light output ranging from 110-310 lumens and run lengths up to 22ft

Features
- Unjacketed (IP54) or Jacketed (IP65) rating
- 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

Technical Information

DIMMABLE · cULus LISTED

IP Rating	IP54				IP65	
Voltage	24V DC				24V DC	
CCT	2400K	2700K	3000K	4000K	2700K	3000K
CRI	94+					
Wattage	4.6W/ft				4.6W/ft	
Lumens	285Lm/ft	285Lm/ft	300Lm/ft	310Lm/ft	110Lm/ft	115Lm/ft
Max Run	22ft				22ft	
Cutting	3.94"				3.94"	
Dimming	Trulux controllers or most low-voltage electronic dimmers / ELV Drivers					
LED	LEDs spaced every 0.63"					
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					

Dimensions: IP54 Unjacketed HTL

1.65mm (1/16")H

10mm (13/32")W
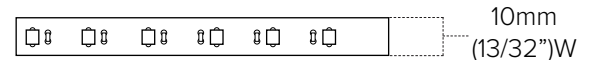
Dimensions: IP65 Jacketed HTL

2.5mm (3/32")H

10.05mm (13/32")W

IP54 · IP65

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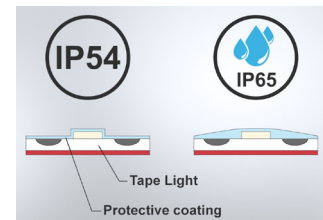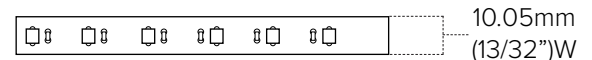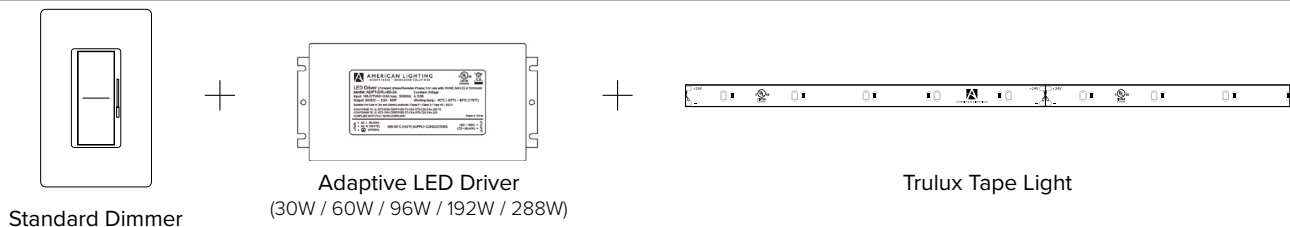
When using standard snap connectors, it is recommended to scrape off the coating from each conductor to ensure a proper connection. When using heavy duty snap connectors, this is only necessary for IP65 and IP68 types.

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
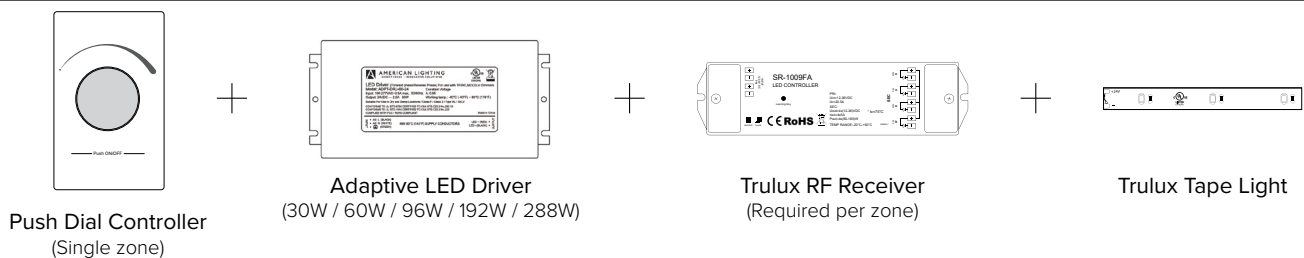
Primary Side Dimming Set-up

Standard Dimmer

+

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

+

Trulux Tape Light

Trulux Single Color Control Options

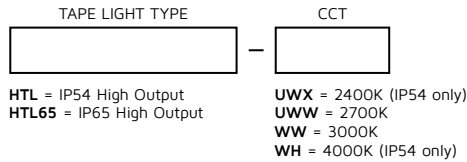| Image	Part Number	Description
		Trulux Controllers
	SRF-BATT	Trulux Single Color Radio Frequency Control; Push Dial Wall Mount; Single zone; Battery operated (CR2032 included); Requires the use of a Trulux Radio Frequency receiver
	SRF-4Z-3P	Trulux Single Color Radio Frequency Control; Touch Slider 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-DR30-24	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-30-24	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 HTL Series

TAPE LIGHT TYPE		CCT
	−	

HTL = IP54 High Output
HTL65 = IP65 High Output

UWX = 2400K (IP54 only)
UWW = 2700K
WW = 3000K
WH = 4000K (IP54 only)

24V 100ft Reels HTL Series

TAPE LIGHT TYPE		CCT		LENGTH
HTL	−		−	100

HTL = IP54 High Output

UWW = 2700K
WW = 3000K

100 = 100ft Reel

24V 16.4ft Kits HTL Series

TAPE LIGHT TYPE		CCT		LENGTH
HTL	−		−	5MKIT

HTL = IP54 High Output

UWW = 2700K
WW = 3000K

5MKIT = 16.4ft Kit

HTL (IP54) 16.4ft Reels include:
Attached 3ft lead wire
(3) TL-CONKIT power connectors
(3) TruLink connector blocks
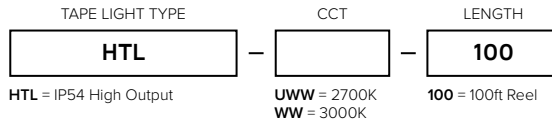
HTL65 (IP65) 16.4ft Reels include:
(3) TL-CONKIT power connectors
(1) Male IP65 power connector
(1) Female IP65 power connector

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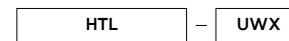(5) TL-CONKIT power connectors
(5) TruLink connector blocks

HTL (IP54) 16.4ft Kits include:
(1) - 24V 3A 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) High Output Tape Light
(3) - Tape-to-Tape Snap Connectors
(6) - Tape-to-Wire Snap Connectors

Example Part # **HTL-UWX**

HTL	−	UWX

Trulux High Output is also available in Custom Cut (special order) lengths.

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