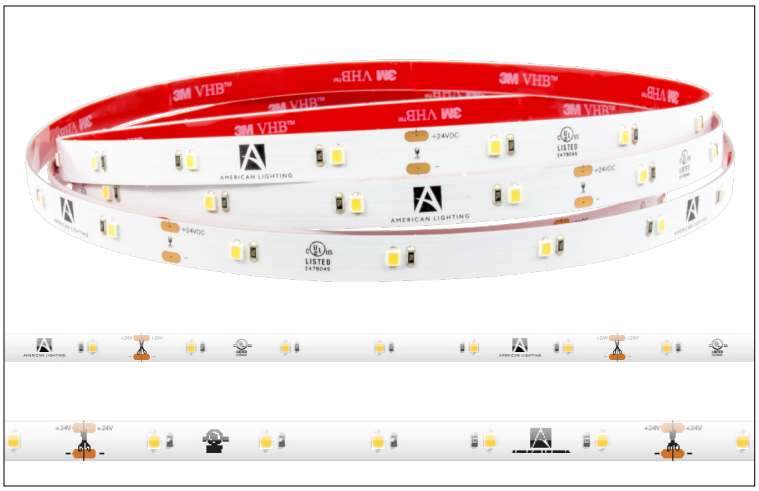
24V
12V

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)

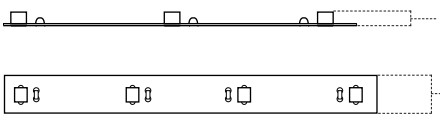
Applications
Task or accent lighting, edge lighting, cabinetry, shelving, coves, staircases, toe kicks, railings, display cases

JA8 COMPLIANT · DIMMABLE · c UL us LISTED

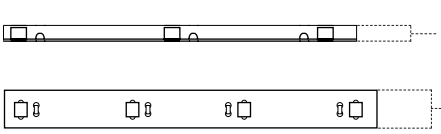
Technical Information

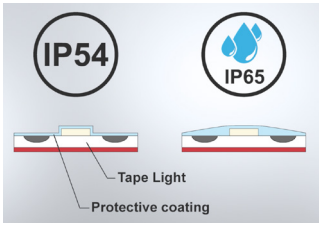
IP Rating	IP54					IP65			
Voltage	12V DC	24V DC				24V DC			
CCT	3000K	2400K	2700K	3000K	4000K	2400K	2700K	3000K	4000K
CRI	94+								
Wattage	2.19W/ft					2.19W/ft			
Lumens	146Lm/ft	140Lm/ft	146Lm/ft	150Lm/ft	155Lm/ft	100Lm/ft	105Lm/ft	115Lm/ft	125Lm/ft
Max Run	27ft	32.8ft				32.8ft			
Cutting	3.94”	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, JA8					cULus Listed, damp location, JA8			
Rated Life	50,000 Hours					50,000 Hours			

Dimensions: **IP54 Unjacketed STL**



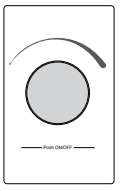
Dimensions: **IP65 Jacketed STL**





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)

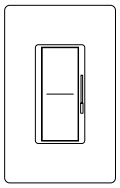


Trulux RF Receiver
(Required per zone)



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
Simple In-line Controllers		
	INLINE-SC-CTRL	Simple Select In-line Controller (Single Color)
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						
ADPT-DRJ-30-24	Class 2 Constant voltage hardwire driver	Dry/Damp location	100-277V AC / 24V DC	30W	cULus	6.49”L x 3.6”W x 1.02”H
ADPT-DRJ-60-24	Class 2 Constant voltage hardwire driver	Dry/Damp location	100-277V AC / 24V DC	60W	cULus	7.4”L x 3.6”W x 1.02”H
ADPT-DRJ-96-24	Class 2 Constant voltage hardwire driver	Dry/Damp location	100-277V AC / 24V DC	96W	cULus	8.66”L x 3.6”W x 1.61”H
ADPT-DRJ-192-24	Class 2 Constant voltage hardwire driver	Dry/Damp location	100-277V AC / 24V DC	2 x 96W	cULus	10.94”L x 4.25”W x 1.8”H
ADPT-DRJ-288-24	Class 2 Constant voltage hardwire driver	Dry/Damp location	100-277V AC / 24V DC	3 x 96W	cULus	11.85”L x 4.25”W x 1.8”H
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 a minimum load of 60%
ADPT Drivers require a minimum load of 10%
Recommended total load should not exceed 90% of the driver’s capacity for optimum operation.

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