



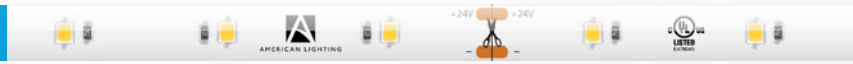


# SINGLE COLOR

## TRULUX STANDARD

### Description / Performance

Build an economical and versatile layered lighting system with Standard Trulux. Light output ranges from 100-155 lumens per foot, with run lengths up to 32.8 feet.



Voltage	CCT	Lumens	Wattage	IP Rating	Max Run
24V	2400K	140 Lm/ft	2.2W/ft	IP54	32.8ft
	2700K	146 Lm/ft			
	3000K	146 Lm/ft			
	4000K	155 Lm/ft			
24V	2400K	100 Lm/ft	2.2W/ft	IP65	32.8ft
	2700K	105 Lm/ft			
	3000K	115 Lm/ft			
	4000K	125 Lm/ft			

## TRULUX HIGH OUTPUT

### Description / Performance

Use high output Trulux tape light and extrusions to build your own task lighting systems or custom linear lighting fixtures. Light output ranges from 220-310 lumens per foot, with easy to work with run lengths up to 22 feet.



Voltage	CCT	Lumens	Wattage	IP Rating	Max Run
24V	2400K	285 Lm/ft	4.4W/ft	IP54	22ft
	2700K	285 Lm/ft			
	3000K	292 Lm/ft			
	4000K	310 Lm/ft			
24V	3000K	220 Lm/ft	4.4W/ft	IP68	22ft
	4000K	240 Lm/ft			

## TRULUX SPEC GRADE

### Description / Performance

Specification Grade Trulux offers light output from 280 to 570 lumens per foot and ultra precise cutting increments of 1.97".



Voltage	CCT	Lumens	Wattage	IP Rating	Max Run
24V	2400K	480 Lm/ft	7W/ft	IP54	13.1ft
	2700K	485 Lm/ft			
	3000K	500 Lm/ft			
	4000K	570 Lm/ft			
24V	2400K	280 Lm/ft	7W/ft	IP65	13.1ft
	2700K	290 Lm/ft			
	3000K	310 Lm/ft			
	4000K	325 Lm/ft			

# TRULUX STANDARD - 24V



## Trulux Standard Tape Light & Accessories

Build an economical and versatile layered lighting system with Standard Trulux. Light output ranges from 100-155 lumens per foot, with easy to work with run lengths up to 32.8 feet. Wall controls include dial or touch versions; or use the Trulux App for even greater control freedom.

### Features

- Excellent color rendering (94+ CRI) creates a natural light that displays colors accurately
- Color temperatures available from 2400K to 4000K
- 100-155 lumens per foot exceeds the light output of most conventional light sources using only 2.2 watts/foot
- Dimmable with most electronic low voltage (ELV) dimmers
- Run lengths up to 32.8 feet
- Cuttable every 6.56" while maintaining cULus Listing
- 2835 LEDs last up to 50,000 hours rated life
- Available in two reel lengths and indoor (IP54) and outdoor (IP65) ratings

### Applications

- Edge lighting
- Cabinetry
- Shelving
- Coves
- Staircases
- Toe kicks
- Display cases
- Light boxes





High 94+ CRI LED's

Cuttable every 6.56"

1.30" LED spacing



**2400K**  
Deluxe Warm White  
2.2W per ft / 140Lm per ft

**2700K**  
Ultra Warm White  
2.2W per ft / 146Lm per ft

**3000K**  
Warm White  
2.2W per ft / 146Lm per ft

**4000K**  
White  
2.2W per ft / 155Lm per ft

<b>STL-UWX</b> (16.4ft)	<b>STL-UWW</b> (16.4ft)	<b>STL-WW</b> (16.4ft)	<b>STL-WH</b> (16.4ft)
<b>STL-UWX-33</b> (32.8ft)	<b>STL-UWW-33</b> (32.8ft)	<b>STL-WW-33</b> (32.8ft)	<b>STL-WH-33</b> (32.8ft)

<b>STL65-UWX</b> (16.4ft)*	<b>STL65-UWW</b> (16.4ft)*	<b>STL65-WW</b> (16.4ft)*	<b>STL65-WH</b> (16.4ft)*
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STL (IP54) Kits include: (3) TL-2PWR / (3) TL-2DC connectors. STL65 (IP65) Kits include: (1) TL-2MCON65 / (1) TL-2FCON65 connectors.

Power Accessories



**SRF-BATT**  
Trulux RF Wall Dimmer  
Single zone  
(Battery operated)



**SRF-4Z-3P**  
Trulux RF Wall Dimmer  
1-4 zones  
(24V DC input)



**REC-5A-4Z-WiFi**  
Trulux RF / WiFi Receiver  
1-4 zones  
(24V DC input)



**REC-5A-4Z**  
Trulux RF Receiver  
1-4 zones  
(24V DC input)



**LED-DR30-24** (30W)  
24V Trulux System Driver  
cURus (dry)



**LED-DR60-24** (60W)  
**LED-DR-100-24** (100W)  
**LED-DR-150-24** (150W)  
24V Trulux System Drivers  
cURus (wet)



**ELV-30-24** (30W)  
**ELV-45-24** (45W)  
24V Non-Trulux dimming  
Drivers, cETLus (dry)



**ELV-60J-24** (60W)  
**ELV-80J-24** (80W)  
24V Non-Trulux dimming  
Drivers, cETLus (wet)



**TL-2PWR**  
Power feed snap  
connector to bare wires  
(IP54 reel includes 3)



**TL-2DC**  
Power feed snap  
connector to DC jack  
(IP54 reel includes 3)



**TL-2JUMP-.5** (6")  
**TL-2JUMP-1** (12")  
**TL-2JUMP-2** (24")  
Tape-to-tape jumper



**TL-2SPL**  
In-line splice  
connector



**TL-2L**  
L connector



**TL-2T**  
T connector



**TL-2X**  
X connector



**TL-2JUMP65-.5** (6")  
**TL-2JUMP65-1** (12")  
**TL-2JUMP65-2** (24")  
Power-to-power - IP65  
Jumper



**TL-ENDS65-10**  
End caps - IP65  
(Qty of 10)



**TL-CLIPS-15**  
Mounting clips - IP65  
(Qty of 15)

# TRULUX HIGH OUTPUT - 24V



## Trulux High Output Tape Light & Accessories

Use high output Trulux tape light and extrusions to build your own task lighting systems or custom linear lighting fixtures. Light output ranges from 220-310 lumens per foot, with easy to work with run lengths up to 22 feet. Wall controls include dial or touch versions; or use the Trulux App for even greater control freedom.

### Features

- Excellent color rendering (94+ CRI) creates a natural light that shows colors accurately
- Color temperatures available from 2400K to 4000K
- 220-310 lumens per foot performance combines well with specialty extrusions to build custom linear fixtures using only 4.4 watts/foot (see Trulux Extrusions on pages 38-55)
- Dimmable with most electronic low voltage (ELV) dimmers
- Run lengths up to 22 feet
- IP54 tape is cuttable every 3.94" while maintaining cULus safety rating
- 2835 LEDs last up to 50,000 hours rated life
- For additional information on High Output IP68 Trulux, see pages 21-23

### Applications

- |                 |              |                 |
|-----------------|--------------|-----------------|
| • Edge lighting | • Covers     | • Railings      |
| • Cabinetry     | • Staircases | • Task lighting |
| • Shelving      | • Toe kicks  | • Display cases |



High 94+ CRI LED's

Cuttable every 3.94"

0.63" LED spacing



<b>2400K</b> Deluxe Warm White 4.4W per ft / 285Lm per ft	<b>2700K</b> Ultra Warm White 4.4W per ft / 285Lm per ft	<b>3000K</b> Warm White 4.4W per ft / 292Lm per ft	<b>4000K</b> White 4.4W per ft / 310Lm per ft
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<b>HTL-UWX</b> (16.4ft)	<b>HTL-UWW</b> (16.4ft)	<b>HTL-WW</b> (16.4ft)	<b>HTL-WH</b> (16.4ft)
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Unavailable	Unavailable	<b>HTL68-WW</b> (16.4ft)*	<b>HTL68-WH</b> (16.4ft)*
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HTL (IP54) Kits include: (3) **TL-2PWR** / (3) **TL-2DC** connectors. HTL68 (IP68) Kits include: (1) **TL-2FCON68** connector / (15) **TL-CLIPS-15** clips

\*For submersible applications, please see pages 20-23

### Power Accessories



**SRF-BATT**  
Trulux RF Wall Dimmer  
Single zone  
(Battery operated)



**SRF-4Z-3P**  
Trulux RF Wall Dimmer  
1-4 zones  
(24V DC input)



**REC-5A-4Z-WiFi**  
Trulux RF / WiFi Receiver  
1-4 zones  
(24V DC input)



**REC-5A-4Z**  
Trulux RF Receiver  
1-4 zones  
(24V DC input)



**LED-DR30-24** (30W)  
24V Trulux System Driver  
cURus (dry)



**LED-DR60-24** (60W)  
**LED-DR-100-24** (100W)  
**LED-DR-150-24** (150W)  
24V Trulux System Drivers  
cURus (wet)



**ELV-30-24** (30W)  
**ELV-45-24** (45W)  
24V Non-Trulux dimming  
Drivers, cETLus (dry)



**ELV-60J-24** (60W)  
**ELV-80J-24** (80W)  
24V Non-Trulux dimming  
Drivers, cETLus (wet)



**TL-2PWR**  
Power feed snap  
connector to bare wires  
(IP54 reel includes 3)



**TL-2DC**  
Power feed snap  
connector to DC jack  
(IP54 reel includes 3)



**TL-2JUMP-.5** (6")  
**TL-2JUMP-1** (12")  
**TL-2JUMP-2** (24")  
Tape-to-tape jumper



**TL-2SPL**  
In-line splice  
connector



**TL-2L**  
L connector



**TL-2T**  
T connector



**TL-2X**  
X connector



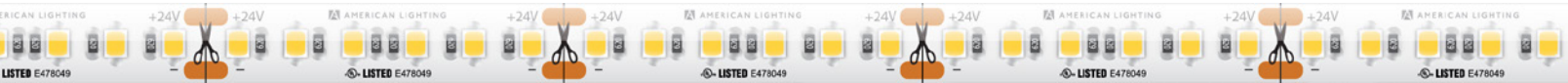
**TL-2JUMP68-10** (10ft)  
**TL-2JUMP68-20** (20ft)  
Power-to-power - IP68  
Jumper



**TL-CLIPS-15**  
Mounting clips - IP68  
(Qty of 15)



# TRULUX SPEC GRADE - 24V



## Trulux Spec Grade Tape Light & Accessories

Specification Grade Trulux offers light output from 280 to 570 lumens per foot and ultra precise cutting increments of 1.97". Wall controls include dial or touch versions; or use the Trulux App for even greater control freedom.

### Features

- Excellent color rendering (94+ CRI) creates a natural light that displays colors accurately
- Color temperatures available from 2400K to 4000K
- 280-570 lumens per foot exceeds the light output of most conventional light sources using only 7 watts/foot
- Dimmable with most electronic low voltage (ELV) dimmers
- Run lengths up to 13.1 feet
- Cuttable every 1.97" while maintaining cULus Listing
- 2835 LEDs last up to 50,000 hours rated life
- Available in indoor (IP54) and outdoor (IP65) ratings

### Applications

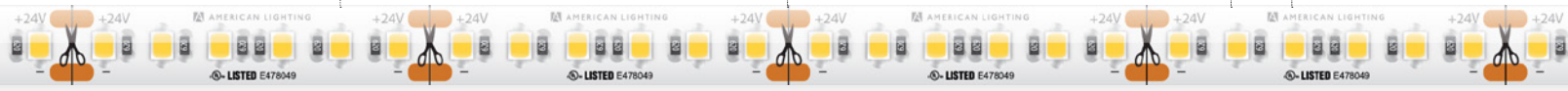
- Edge lighting
- Cabinetry
- Shelving
- Coves
- Staircases
- Toe kicks
- Display cases
- Light boxes



High 94+ CRI LED's

Cuttable every 1.97"

0.31" LED spacing



**2400K**  
Deluxe Warm White  
7W per ft / 480Lm per ft

**2700K**  
Ultra Warm White  
7W per ft / 485Lm per ft

**3000K**  
Warm White  
7W per ft / 500Lm per ft

**4000K**  
White  
7W per ft / 570Lm per ft

**SPTL-UWX-13** (13.1ft)

**SPTL-UWW-13** (13.1ft)

**SPTL-WW-13** (13.1ft)

**SPTL-WH-13** (13.1ft)



**SPTL65-UWX-13** (13.1ft)\*

**SPTL65-UWW-13** (13.1ft)\*

**SPTL65-WW-13** (13.1ft)\*

**SPTL65-WH-13** (13.1ft)\*

SPTL (IP54) Kits include: (3) TL-2PWR / (3) TL-2DC connectors. SPTL65 (IP65) Kits include: (1) TL-2MCON65 / (1) TL-2FCON65 connectors.

## Power Accessories



**SRF-BATT**  
Trulux RF Wall Dimmer  
Single zone  
(Battery operated)



**SRF-4Z-3P**  
Trulux RF Wall Dimmer  
1-4 zones  
(24V DC input)



**REC-5A-4Z-WiFi**  
Trulux RF / WiFi Receiver  
1-4 zones  
(24V DC input)



**REC-5A-4Z**  
Trulux RF Receiver  
1-4 zones  
(24V DC input)



**LED-DR30-24** (30W)  
24V Trulux System Driver  
cURus (dry)



**LED-DR60-24** (60W)  
**LED-DR-100-24** (100W)  
**LED-DR-150-24** (150W)  
24V Trulux System Drivers  
cURus (wet)



**ELV-30-24** (30W)  
**ELV-45-24** (45W)  
24V Non-Trulux dimming  
Drivers, cETLus (dry)



**ELV-60J-24** (60W)  
**ELV-80J-24** (80W)  
24V Non-Trulux dimming  
Drivers, cETLus (wet)



**TL-2PWR**  
Power feed snap  
connector to bare wires  
(IP54 reel includes 3)



**TL-2DC**  
Power feed snap  
connector to DC jack  
(IP54 reel includes 3)



**TL-2JUMP-.5** (6")  
**TL-2JUMP-1** (12")  
**TL-2JUMP-2** (24")  
Tape-to-tape jumper



**TL-2SPL**  
In-line splice  
connector



**TL-2L**  
L connector



**TL-2T**  
T connector



**TL-2X**  
X connector



**TL-2JUMP65-.5** (6")  
**TL-2JUMP65-1** (12")  
**TL-2JUMP65-2** (24")  
Power-to-power - IP65  
Jumper



**TL-ENDS65-10**  
End caps - IP65  
(Qty of 10)



**TL-CLIPS-15**  
Mounting clips - IP65  
(Qty of 15)



# SINGLE COLOR CONTROL

## Full range dimming with no wiring required

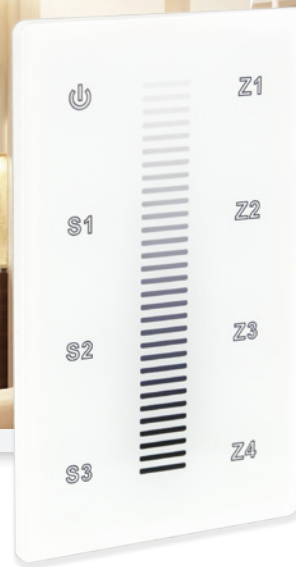
1-100% full range dimming via dial or touch pad wall controls let you have full control over your Trulux system. Ultra sensitive glass faceplate's are reverse silk screen printed for full clarity even when used for years. No flickering, no signal wiring, no input wiring. Simply mount to the wall and sync with the Trulux receiver.



**SRF-BATT**

**Trulux Dial Wall Control**  
(Single color / Single zone)

- Push dial for On/Off control
- Rotate dial for full range dimming (1-100%)
- Sleek smooth white glass faceplate with brushed satin nickel dial
- Radio frequency (RF) signal range up to 65 feet
- No input power or signal wiring needed - wall control is wireless and battery powered (CR2032 battery included)
- Control multiple receivers in a single zone



**SRF-4Z-3P**  
**SRF-4Z-3P-BK** (Black)

**Trulux Back-lit Touch Wall Control**  
(Single color / 1-3 scenes / 1-4 zones)

- Touch for On/Off control
- Swipe for full range dimming (1-100%)
- Sleek smooth white or black faceplate with 3 customizable scenes and 4 zone selections
- Radio frequency (RF) signal range up to 65 feet
- Requires 12-24V DC input
- Control multiple receivers in multiple zones
- Available in White and Black back-lit faceplates

**Trulux RF Receiver** (Trulux receiver required for operation. See page 36 for details)



**REC-5A-4Z-WiFi**  
Trulux RF / WiFi Receiver  
1-4 zones  
(24V DC input)



**REC-5A-4Z**  
Trulux RF Receiver  
1-4 zones  
(24V DC input)

# TRULUX RECEIVERS

## Trulux Receivers for Trulux Controllers

The controllers and receivers are the brains and brawn of the Trulux system, respectively. Use LED-DR Series drivers in conjunction with Trulux controllers for optimal performance. Use 24V drivers for Single Color, RGB and RGB+WW Trulux tape light; and 12V drivers for Tunable White.

### Single Color & Tunable Receivers



#### REC-5A-4Z, Radio frequency (RF) receiver

- Compatible with single color and white tuning controls
- Requires 12-24V DC input - use LED-DR series driver to supply primary side of the receiver (see drivers on page 37)
- Multiple receivers can be 'taught' to respond to one wall control using the built-in learning key
- Up to 72 watts of single color tape light can be connected on each of four internal circuits on the secondary side (all will be a single zone)
- When using SRF-4Z-3P, a separate receiver is required for each zone



#### REC-5A-4Z-WiFi, Radio frequency (RF) and WiFi receiver

- Compatible with single color and white tuning controls
- Requires 12-24V DC input - use LED-DR series driver to supply primary side of the receiver (see drivers on page 37)
- Multiple receivers can be 'taught' to respond to one wall control using the built-in learning key
- Up to 72 watts of single color tape light can be connected on each of four internal circuits on the secondary side (all will be a single zone)
- When using SRF-4Z-3P, a separate receiver is required for each zone

### DMX RGB & RGB+WW Receivers



#### REC-DMX-5A-4Z DMX signal receiver / decoder

- Compatible with RGB, RGB+WW, Tunable CCT Trulux tape, and DMX controls
- One DMX control can 'talk' to multiple receivers when addressed properly
- Up to 96 watts can be connected one each of four internal circuits (each will be one address)
- For multiple addresses, a separate receiver is required for each



#### REC-DMX-5A-4Z-PLUS DMX Plus signal receiver / decoder

- Compatible with RGB, RGB+WW, Tunable CCT Trulux tape, and DMX controls
- One DMX control can 'talk' to multiple receivers when addressed properly
- Up to 96 watts can be connected one each of four internal circuits (each will be one address)
- For multiple addresses, a separate receiver is required for each
- Can switch between standalone mode and DMX mode via the buttons on the decoder
- Once under standalone mode, there are nine programs with adjustable speed and brightness



# POWER SUPPLIES

## Power Supplies for Trulux Tape Light & Accessories



### LED-DR30-12 (12V DC), LED-DR30-24 (24V DC)

- 12V or 24V DC constant voltage hardwire driver
- Class 2, RoHS compliant, 84% average efficiency
- 90-264AC 50/60Hz input via built-in terminal block with screw-down cover for strain relief
- Short circuit / over current / over voltage / over temperature protections
- c/UR/us Recognized for indoor use only
- 6-1/4"L x 1-3/4"W x 1-3/16"H



### LED-DR60-12 (12V DC), and LED-DR60-24 (24V DC)

- 12V or 24V DC constant voltage hardwire driver
- Class 2, RoHS compliant, 86% average efficiency
- 90-264V AC 50/60Hz input via 22" 16AWG leads
- Short circuit / overload / over voltage protections
- c/UR/us Recognized for wet locations (IP67)
- 7-13/16"L x 1-3/4"W x 1-5/8"H



### LED-DR100-12 (12V DC), and LED-DR100-24 (24V DC)

- 12V or 24V DC constant voltage hardwire driver
- Class 2, RoHS compliant, 88% average efficiency
- 96-264V AC 50/60Hz input via 11" 14AWG leads
- Short circuit / overload / over voltage protections
- c/UR/us Recognized for wet locations (IP67)
- 7-5/8"L x 2-1/8"W x 1-1/2"H



### LED-DR150-12 (12V DC), and LED-DR150-24 (24V DC)

- 12V or 24V DC constant voltage hardwire driver
- Class I, RoHS compliant, 93% average efficiency
- 96-305V AC 50/60Hz input via 10" SJTW 14AWGx2C leads
- Short circuit / overload / over voltage protections
- c/UR/us Recognized for wet locations (IP65)
- 9"L x 2-5/8"W x 1-1/2"H

## Power Supplies for Non-Trulux Single Color Wall Dimmers



### ELV-30-12, ELV-30-24 60% minimum load for dimming applications (18-30W) ELV-45-12, ELV-45-24 60% minimum load for dimming applications (27-45W)

- 12V or 24V DC constant voltage hardwire driver, Class 2, RoHS compliant
- 100-130V AC, 50/60Hz input via built-in terminal block with screw-down cover for strain relief; forward phase / reverse phase / triac compatible
- cETLus Listed for dry locations
- 7-1/16"L x 2-3/8"W x 1-3/8"H



### ELV-60J-12, ELV-60J-24 60% minimum load for dimming applications (36-60W) ELV-80J-12, ELV-80J-24 60% minimum load for dimming applications (48-80W)

- 12V DC constant voltage hardwire driver inside metal housing with three 1/2" knockouts on both the primary and the secondary ends, Class 2, RoHS compliant
- 100-130V AC, 50/60Hz input via 5" long 18AWGx3C conductors
- Forward phase / reverse phase / triac compatible
- cETLus Listed for wet locations, must be mounted higher than 1ft off the ground
- 13-3/4"L x 3-1/16"W x 2-5/16"H