







# TRULUX M LIGHTING SYSTEMS

#### **COMPLETE LINEAR LIGHTING SYSTEMS**

An award winning offering, our Trulux lighting systems feature one of the most complete linear lighting systems on the market. Trulux systems combine a wide variety of tape light, compatible wireless controls, as well as linear extrusions for limitless customization.

#### **CUSTOMIZATION & FLEXIBILITY**

A versatile selection of high CRI tape light combined with controls and extrusions allow for tailored lighting solutions for a multitude of applications. Choose from a variety of tape light including Single Color White, Tunable CCT, or RGB/RGB+WW light options each with their own compatible controls.

#### **MULTIFUNCTION DIMMING & CONTROL**

Convenient wall mount or hand-held Radio Frequency controls are available (along with DMX controls) to expand the functionality of applications. WiFi options are also available for larger projects that require control across multiple zones.

#### **USER FRIENDLY SYSTEMS**

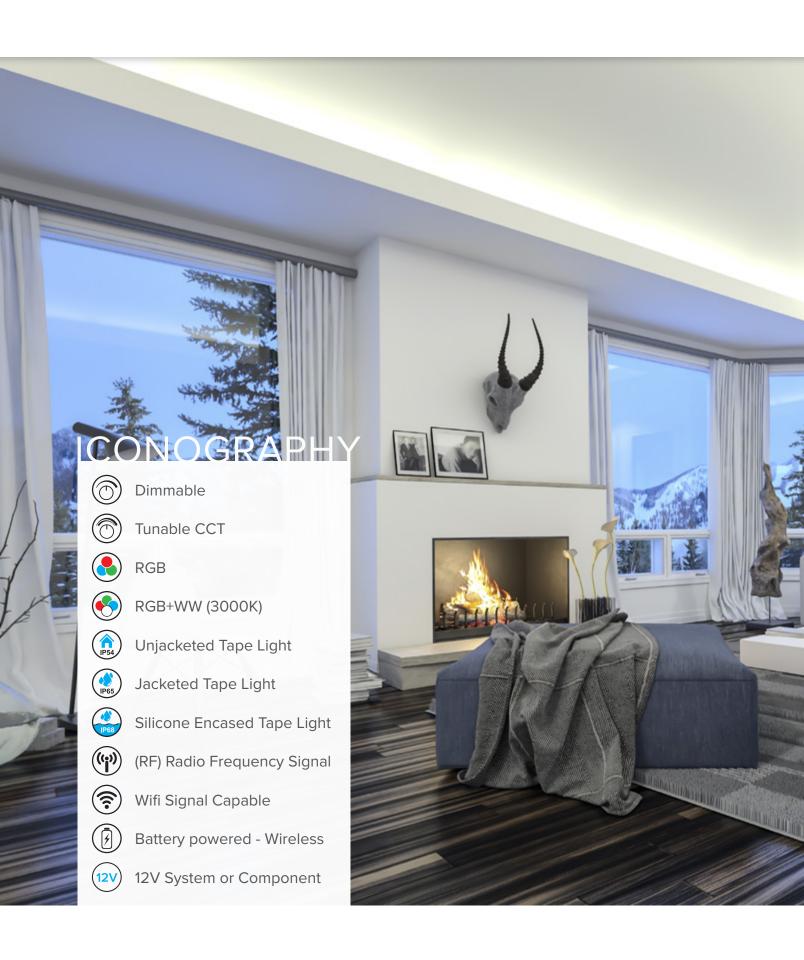
The matching components of the Trulux system make building custom fixtures a snap. Simply choose a type of tape, a controller, and an extrusion housing profile to suit the installation application in order to create fixtures such as undercabinet lights, step and stair safety lighting, as well as recessed 'slot' fixtures for walls and ceilings.

tomorrow

\*2016\*
GRAND PRIZE
WINNER

"We love the customization and flexibility of this innovative system, as well as the multifunction dimming aspect on a single control. It's simple, user friendly, and a new trend that's hard to ignore."

- Lighting For Tomorrow Panel Member





# $TRULUX^{^{\mathsf{TM}}} \mathsf{LIGHTING} \mathsf{\, SYSTEMS}$

### TRULUX TAPE LIGHT

Standard Grade	Pg. 10-11
High Output	Pg. 12-13
Spec Grade	Pg. 14-15
Tunable CCT	Pg. 20-21
Submersible	Pg. 26-31
RGB	Pg. 32-35
RGB+WW	Pg. 36-37

### TRULUX CONTROLLERS

Single Color	Pg. 16-17
Tunable CCT	Pg. 22-23
RGB.	Pg. 34-35
RGB+WW	Pg. 38-39
DMX	Pg. 40-41
Trulux Mobile App	Pg. 42-43

### TRULUX RECEIVERS / DRIVERS

RF Receiver	Pg. 44
RF+Wifi Receiver	Pg. 44
DMX Receiver	Pg. 44
DMX Plus Receiver	Pg. 44
LED-DR Drivers	Pg. 45
ELV Drivers	Pg. 45

### TRULUX EXTRUSIONS

Surface Mount	Pg. 46-55
PRO 30 Undercab	Pg. 48-49
Recessed Mount	Pg. 56-63
Drywall Slots	Pg. 60-61
In-Grade	Pg. 62-63



# TRULUX STANDARD ....

- Excellent color rendering (94+ CRI)
- Color temperatures available from 2400K to 4000K
- 100-155 Lm/ft consuming only 2.7W/ft
- Dimmable with most electronic low voltage (ELV) dimmers
- Run lengths up to 32.8 feet
- Cuttable every 6.56" (24V) and 3.94" (12V) while maintaining cULus Listing
- 2835 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP65) jacketed versions

<u>D</u>	Voltage	ССТ	Lumens	Wattage	IP Rating	Max Run
iP54	24V 12V	2400K 2700K 3000K 4000K	140 Lm/ft 146 Lm/ft 150 Lm/ft 155 Lm/ft	2.7W/ft	IP54	32.8ft 27ft
2V)	24V	2400K 2700K 3000K 4000K	100 Lm/ft 105 Lm/ft 115 Lm/ft 125 Lm/ft	2.7W/ft	IP65	32.8ft

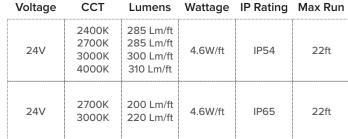


# TRULUX™ HIGH OUTPUT • • UISTEN



- Excellent color rendering (94+ CRI)
- Color temperatures available from 2400K to 4000K
- 220-310 Lm/ft consuming only 4.6W/ft
- Dimmable with most electronic low voltage (ELV) dimmers
- Run lengths up to 22 feet
- Cuttable every 3.94" while maintaining cULus Listing
- 2835 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP65) jacketed versions







See pages (26-31) for Submersible (IP68) tape light & accessories



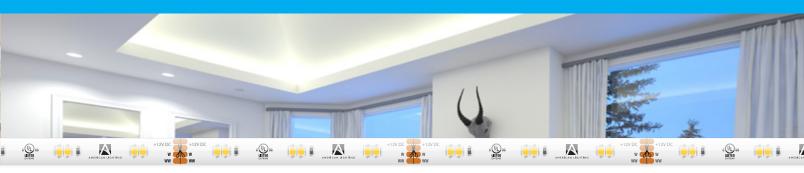
# TRULUX™ SPEC GRADE 6 Us



- Color temperatures available from 2400K to 4000K
- 280-570 Lm/ft consuming only 7.8W/ft
- 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 (IP54) unjacketed and (IP65) jacketed versions



Voltage	ССТ	Lumens	Wattage	IP Rating	Max Run
24V	2400K 2700K 3000K 4000K	480 Lm/ft 485 Lm/ft 525 Lm/ft 570 Lm/ft	7.8W/ft	IP54	13.1ft
24V	2400K 2700K 3000K 4000K	280 Lm/ft 290 Lm/ft 310 Lm/ft 325 Lm/ft	7.8W/ft	IP65	13.1ft



# 



- Excellent color rendering (94+ CRI)
- Adjustable CCT from 2700K to 6000K
- Up to 165 Lm/ft consuming up to 3.5W/ft
- Run lengths up to 22 feet
- Cuttable every 3.94" while maintaining cULus Listing
- 2835 LEDs last up to 50,000 hours rated life
- · Available in (IP54) unjacketed and (IP65) jacketed versions

	Voltage	CCT	Lumens	Wattage	IP Rating	Max Run
	12V	2700K to 6000K Tunable	Up to 165 Lm/ft	Up to 3.5W/ft	IP54	22ft
(P65)	12V	2700K to	Up to	Up to	IP65	22ft

120 Lm/ft

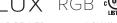
3.5W/ft

6000K

Tunable



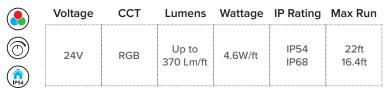
# TRULUX™ RGB ( Q us ren



- 5050 3-in-1 RGB LEDs using 4.6W/ft per foot
- Compatible with DMX controllers and receivers
- Run lengths up to 22 feet (16.4 feet for IP68)
- Cuttable every 3.94" while maintaining cULus Listing
- 5050 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP68) silicone injected versions



See pages (26-31) for Submersible (IP68) tape light & accessories



			- i''		A COLUMN						
	AMERICAN LIGHTING	+240C +240C		CUD us	B 🧓 [	<u>.</u>	AMERICAN LIGHTING	+240C	1 1	CUL us USTED ECROSAS	

# TRULUX RGB+WW • RGB+WW



- 5050 3-in-1 RGB LEDs alternate with 5050 Warm White LEDs
- Compatible with DMX controllers and receivers
- Run lengths up to 22 feet
- Cuttable every 6.56" while maintaining cULus Listing
- 5050 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP65) jacketed versions

Voltage	ССТ	Lumens	Wattage	IP Rating	Max Run
24V	RGB+WW	Up to 370 Lm/ft	4.6W/ft	IP54 IP65	22ft

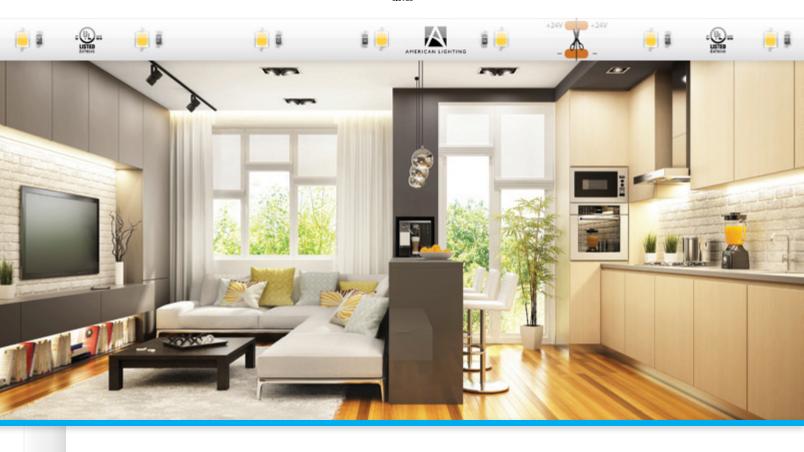






# $\mathsf{TRULUX}^{\scriptscriptstyle\mathsf{TM}}\;\mathsf{STANDARD}\;\;\mathfrak{c}^{\scriptscriptstyle\mathsf{U}}_{\scriptscriptstyle\mathsf{LISTED}}\mathsf{us}$





### Trulux Standard Tape Light

Build an economical and versatile layered lighting system with Standard Trulux. Light output ranges from 140-155 lumens per foot, with easy to work with run lengths up to 32.8 feet. Wall controls include dial or touch versions; also pair with the Trulux App for even greater control freedom.

### **Features**

- Excellent color rendering (94+ CRI)
- Color temperatures available from 2400K to 4000K
- 140-155 lumens per foot performance
- Consuming only 2.7 watts per foot
- Dimmable with most electronic low voltage (ELV) dimmers
- Run lengths up to 32.8 feet (24V) and 27 feet (12V)
- Cuttable every 6.56" (24V) and 3.94" (12V) while maintaining cULus Listing
- 2835 LEDs last up to 50,000 hours rated life
- · Available in (IP54) unjacketed and (IP65) jacketed versions



Unjacketed



Jacketed

#### **Applications**

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

#### Trulux Wireless Controllers

Complete your tape light install with our exclusive Trulux controllers. Featuring a battery operated design perfect for remodel applications.

See pages (16-17) for details





	<b>2400K</b> Deluxe Warm White 2.7W per ft / 140Lm per ft	<b>2700K</b> Ultra Warm White 2.7W per ft / 146Lm per ft	<b>3000K</b> Warm White 2.7W per ft / 150Lm per ft	<b>4000K</b> White 2.7W per ft / 155Lm per ft
KITS				
P54	<b>STL-UWX</b> (16.4ft) <b>STL-UWX-33</b> (32.8ft)	<b>STL-UWW</b> (16.4ft) <b>STL-UWW-33</b> (32.8ft)	<b>STL-WW</b> (16.4ft) <b>STL-WW-33</b> (32.8ft)	<b>STL-WH</b> (16.4ft) <b>STL-WH-33</b> (32.8ft)
<b>8</b> P65	<b>STL65-UWX</b> (16.4ft)	<b>STL65-UWW</b> (16.4ft)	<b>STL65-WW</b> (16.4ft)	<b>STL65-WH</b> (16.4ft)
REEL	.S			
P54	Unavailable	STL-UWW-100 (100ft)	<b>STL-WW-100</b> (100ft)	Unavailable
2V)	Unavailable	Unavailable	STL-WW-100-12V (100ft)	Unavailable
CUS	TOM CUT			
P54	STL-UWX-CC	STL-UWW-CC	STL-WW-CC	STL-WH-CC

STL (IP54) Kits include: Attached 3ft lead wires / (3) TL-CONKIT. STL65 (IP65) Kits include: (1) Male (1) Female connectors / (3) TL-CONKIT

Building a Single Color Trulux System? See pages (16-17) for compatible single color Trulux controllers and accessories

### WIRELESS SINGLE ZONE SETUP .....

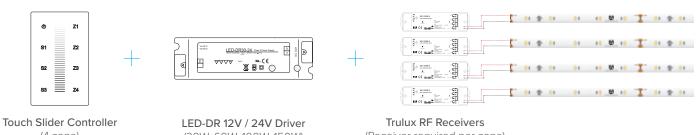


**Push Dial Controller** (Single zone)

LED-DR 12V / 24V Driver (30W, 60W, 100W, 150W)

Trulux RF Receiver (Required)

#### WIRELESS 4 ZONE SETUP .....

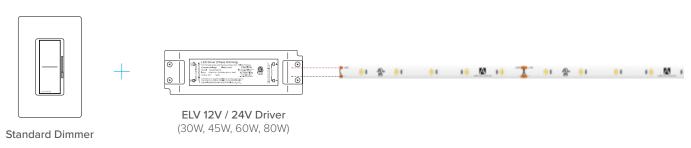


(4 zone)

(30W, 60W, 100W, 150W)

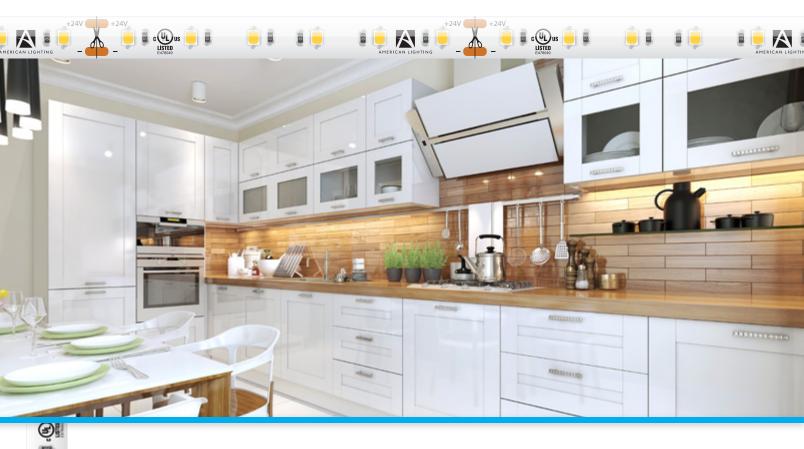
(Receiver required per zone)

#### PRIMARY SIDE DIMMING ....



# TRULUX™ HIGH OUTPUT CUSTED





### Trulux High Output Tape Light

Use high output Trulux tape light and extrusions to build your own task lighting systems or custom linear lighting fixtures. Light output ranges from 285-310 lumens per foot, with easy to work with run lengths up to 22 feet.

#### **Features**

- Excellent color rendering (94+ CRI)
- Color temperatures available from 2400K to 4000K
- 285-310 lumens per foot performance
- · Consuming only 4.6 watts per foot
- Dimmable with most electronic low voltage (ELV) dimmers
- Run lengths up to 22 feet
- Cuttable every 3.94" while maintaining cULus safety rating
- 2835 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP65) jacketed versions



Unjacketed



Jacketed

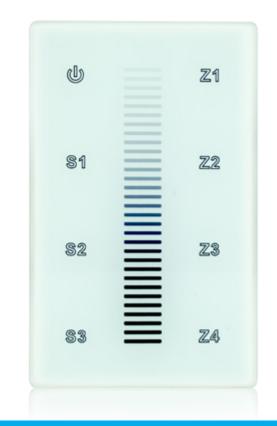
#### **Applications**

- Edge lighting
- Staircases
- Task lighting
- Toe kicks
- Shelving
- Railings
- Coves
- Cabinetry

#### Trulux 4 zone Controller

The Trulux 4 zone allows for you to control multiple areas of your home from a single control

See pages (16-17) for details

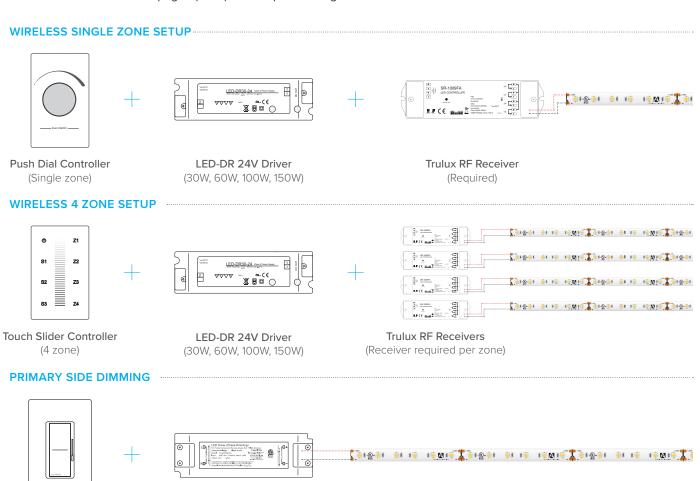




HTL (IP54) Kits include: Attached 3ft lead wires / (3) TL-CONKIT HTL65 (IP65) Kits include: (1) Male (1) Female connectors / (3) TL-CONKIT

### **Building a Single Color Trulux System?**

See pages (16-17) for compatible single color Trulux controllers and accessories



ELV 24V Driver (30W, 45W, 60W, 80W)

Standard Dimmer

# TRULUX SPEC GRADE CLUSTED





### Trulux Spec Grade Tape Light

At full brightness our Specification tape offers up to 570 lumens per foot and can be used for both task or ambient lighting when dimmed with our Trulux controls. The superior light output is best used in large, open spaces in both residential or commercial applications.

### **Features**

- Excellent color rendering (94+ CRI)
- Color temperatures available from 2400K to 4000K
- 480-570 lumens per foot performance
- 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 (IP54) unjacketed and (IP65) jacketed versions



Unjacketed



Jacketed

#### **Applications**

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

### Trulux Mobile App

Download our mobile app and sync to any Trulux system for complete lighting control in your home from a single

See pages (42-43) for details

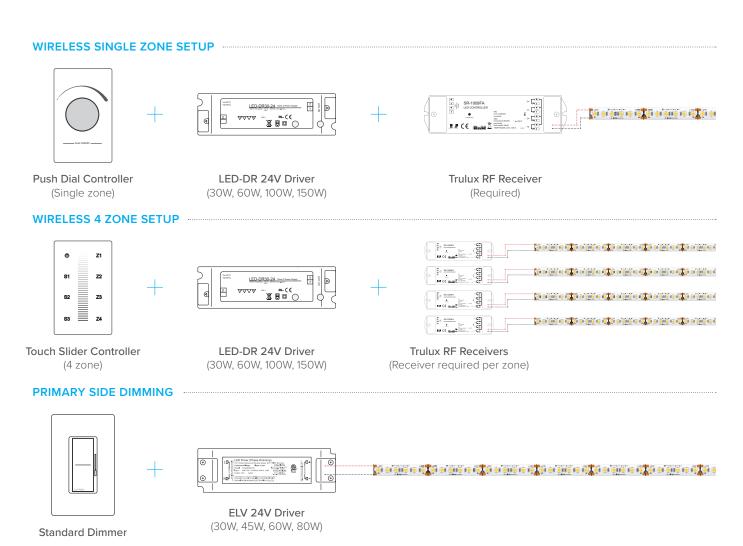




SPTL (IP54) Kits include: Attached 3ft lead wires / (3) TL-CONKIT SPTL65 (IP65) Kits include: (1) Male / (1) Female connectors / (3) TL-CONKIT

### **Building a Single Color Trulux System?**

See pages (16-17) for compatible Tunable CCT Trulux controllers and accessories



# TRUI UX™ SINGLE COLOR CONTROL

1-100% full range dimming via dial or touch slide wall controls let you have full control over your Trulux system featuring ultra sensitive glass faceplates for full clarity even when used for years. No flickering, no signal wiring, no input wiring. Simply mount to the wall and sync with Trulux receivers.



#### **SRF-BATT**

# Trulux Push Dial Wall Control (Single Color / Single Zone)

- Push dial On/Off control dimmer
- Full range dimming (1-100%)
- · Glass faceplate with satin nickel dial
- Wireless installation No power wire
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (CR2032)
- Requires Trulux receiver for install







### SRF-4Z-3P

# Trulux Touch Slider Wall Control (Single Color / 4 Zones / 3 Scenes)

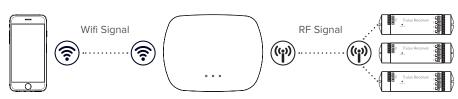
- Touch On/Off control
- Touch slider full range dimming (1-100%)
- · Glass faceplate with back-lit buttons
- Wireless installation No power wire
- 3 programmable scenes
- 4 dedicated zone selection
- · Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (CR2032)
- Requires Trulux receiver for install







# $TRULUX^{*}MOBILEAPP$ For more details see pages (42-43)



Trulux Mobile App Smart Phone / Tablet

**TruHub Router**Wifi to RF Converter

Trulux RF Receivers
(Pair up to 8 receivers)

#### **TRULUX MOBILE APP**

#### Multi Zone Trulux Controller (Multi Color / Multi Room or Zones)

- Mobile Phone or Tablet App ready
- Interactive dial controls
- Set up to 8 dedicated rooms or zones
- Create and save custom settings
- Control all single color, Tunable CCT, and RGB/RGB+WW installations simultaneously
- Use in addition to any Trulux controllers or as a standalone system
- Requires TruHub (RF-WIFI-8) router and receivers for 2 to 8 zone installations; or the RF to Wifi receiver (REC-5A-4Z-WIFI) for single zone applications

Available on Google Play & App Store:





# TRUI UX™ SINGLE COLOR ACCESSORIES

Building a Trulux system is easy! Our Trulux controllers feature wireless technology that makes installation a breeze. All that's required is a 120V power source to a 24V driver which is then fed to a Trulux receiver. Wire your tape to the receiver, sync the receiver to the controller, and you're all set.

#### **TRULUX SINGLE ZONE**



Single Zone Push Dial Wireless RF Wall Controller

**SRF-BATT** 



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) **LED-DR100-24** (100W) **LED-DR150-24** (150W)



Trulux RF Receiver (Required)

REC-5A-4Z

#### **TRULUX 4 ZONE**



4 Zone Touch Slider Wireless RF Wall Controller

SRF-4Z-3P



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) LED-DR100-24 (100W) **LED-DR150-24** (150W)



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

#### TRULUX APP MULTI ZONE



Trulux Mobile App Mobile Phone / Tablet (Control up to 8 rooms/zones)



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) LED-DR100-24 (100W) **LED-DR150-24** (150W)



#### Trulux TruHub Wifi to RF Wireless Router

(Required for 2 - 8 zone installations)

WIFI-RF-8



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

For more on the Trulux App see pages (42-43)

#### **ALTERNATE DIMMING**



Primary Side Dimming Standard Dimmer



**FLV 24V Driver** 

ELV-30-24 (30W) ELV-45-24 (45W) **ELV-60J-24** (60W) **ELV-80J-24** (80W)

For more on Trulux receivers and power supplies, see pages (44-45) for additional information

#### ADDITIONAL ACCESSORIES



TL-CONKIT Trulink 4-in-1 Connector Kit



TL-BLKS Trulink 4-in-1 Connector Block (Qty of 10)



TL-2L TL-2T TL-2X

**TL-2SPL** Splice Connector (L) Snap connector (T) Snap connector (X) Snap connector



TL-2JUMP-.5 (6") TL-2JUMP-1 (12") TL-2JUMP-2 (24") Single Color IP54 - Jumper



TL-2DC Snap connector to DC jack



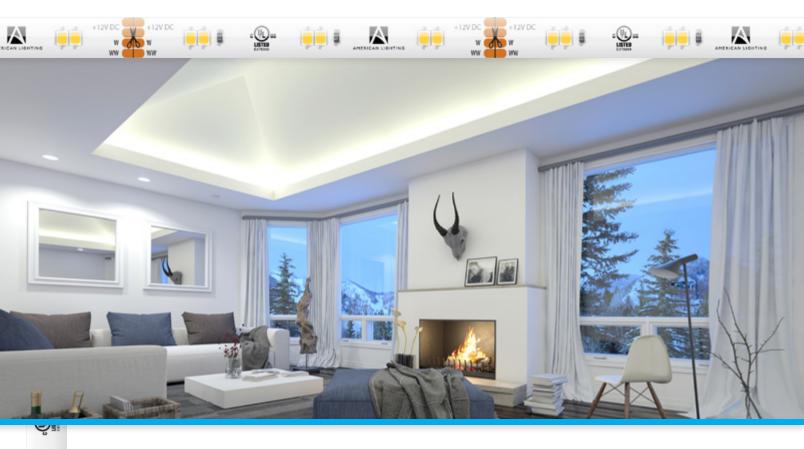
TL-2JUMP65-.5 (6") TL-2JUMP65-1 (12") TL-2JUMP65-2 (24") Single Color IP65 - Jumper





# TRULUX™ TUNABLE CCT - 12V LUSTED





### Trulux Tunable CCT Tape Light

Adjust and modify any space's look with full range white light tuning from 2700K to 6000K, while maintaining the high CRI that Trulux provides. The Trulux wall controls, remote controls or the Trulux App will deliver convenient tuning and dimming for a custom system.

#### Features

- · Excellent color rendering (94+ CRI)
- Adjustable from 2700K to 6000K
- High output (up to 165 lumens per foot for 6000K setting)
- Only consumes up to 3.5 watts per foot
- Run lengths up to 22 feet
- Cuttable every 3.94" while maintaining cULus Listing
- 2835 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP65) jacketed versions



COURT HIZVDC NATURAL NATURA NATU

Unjacketed



Jacketed

#### **Applications**

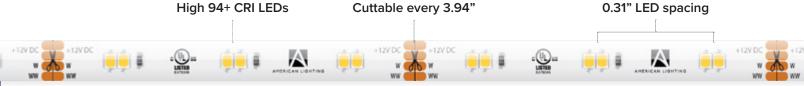
- Edge lighting
- Staircases
- Cabinetry
- Toe kicks
- Shelving
- Display cases
- Coves
- · Light boxes

### Tunable CCT Control

Dial in the perfect color and brightness with our Tunable CCT controllers available in wall mount and hand-held remotes. (Required for operation)

See pages (22-23) for details





#### 2700K to 6000K

Tunable CCT

Up to 3.5W per ft / Up to 165Lm per ft

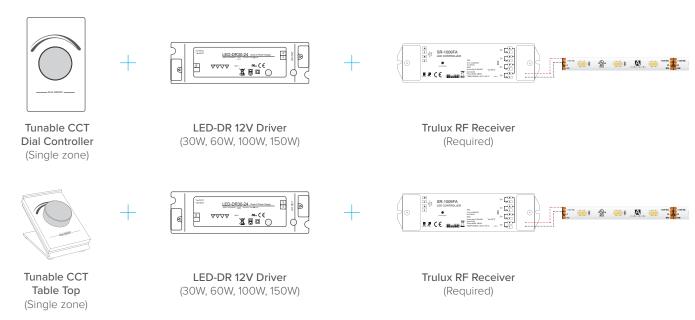


HTL-TW (IP54) Kits include: Attached 3ft lead wires / (3) TL-4PWR HTL65-TW (IP65) Kits include: (1) Male / (1) Female connectors / (3) TL-4PWR

# **Building a Tunable CCT Trulux System?**

See pages (22-23) for compatible Tunable CCT Trulux controllers and accessories

#### WIRELESS SINGLE ZONE SETUP -



#### WIRELESS MULTI ZONE SETUP



Tunable CCT Remote (4 zone)

LED-DR 12V Driver (30W, 60W, 100W, 150W)

Trulux RF Receivers (Receiver required per zone)

# TRULUX" TUNABLE CCT CONTROL

For color temperature control at the turn of a dial, use our Trulux Tunable CCT controllers for fast and accurate adjustments from 2700K to 6000K. Transform the look and feel of a room with this dynamic, customizable system. (Trulux Tunable CCT controller and receiver required for operation)



#### **TWRF-BATT**

#### Tunable Push Dial Wall Control (Single Zone)

- Push dial On/Off control dimmer
- Double push dial for color temperature selection (2700K-6000K)
- Glass faceplate with satin nickel dial
- · Wireless installation No power wire
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (CR2032)
- Requires Trulux receiver for install







#### TWRF-BATT-TT

# Tunable Table Top Control (Single Zone)

- Push dial On/Off control dimmer
- Double push dial for color temperature selection (2700K-6000K)
- Free standing table top controller
- Glass faceplate with satin black dial
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (CR2032)
- Requires Trulux receiver for install







#### TWRF-3AAA

# Tunable CCT Remote (4 Zones / 3 Scenes)

- Ultra sensitive color adjustment wheel for 2700K-6000K selection
- 3 programmable scenes
- 4 dedicated zone selection
- 4 preset intensity settings
- · Includes convenient wall caddy
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (3 x AAA)
- Requires Trulux receiver for install







# $\mathsf{TRULUX}^{^{\mathsf{m}}}$ $\mathsf{MOBILE}$ $\mathsf{APP}$ For more details see pages (42-43)

- Mobile Phone or Tablet App ready
- · Set up to 8 dedicated rooms or zones
- Use in addition to any Trulux controllers or as a standalone system
- Requires TruHub (RF-WIFI-8) router and receivers for 2 to 8 zone installations; or the RF to Wifi receiver (REC-5A-4Z-WIFI) for single zone applications



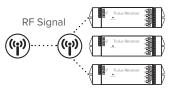
Trulux Mobile App

Smart Phone / Tablet









Trulux RF Receivers (Pair up to 8 receivers)

# TRULUX" TUNABLE CCT ACCESSORIES

Building a Trulux system is easy! Our Trulux Tunable CCT controllers feature wireless technology that makes installation a breeze. All that's required is a 120V power source to a 12V power supply which is then fed to a Trulux receiver. Wire your tape to the receiver, sync the receiver to the controller, and you're all set.

#### **TUNABLE SINGLE ZONE**



Tunable Push Dial Wireless RF Wall Controller

**TWRF-BATT** 



LED-DR 12V Driver

LED-DR30-12 LED-DR60-12 (60W) **LED-DR100-12** (100W) **LED-DR150-12** (150W)



Trulux RF Receiver (Required)

REC-5A-4Z

#### **TUNABLE SINGLE ZONE**



Tunable Table Top Wireless RF Wall Controller

TWRF-BATT-TT



LED-DR 12V Driver

LED-DR30-12 LED-DR60-12 (60W) **LED-DR100-12** (100W) LED-DR150-12 (150W)



Trulux RF Receiver (Required)

REC-5A-4Z

#### **TUNABLE 4 ZONE**



Tunable CCT Remote Wireless RF Remote

TWRF-3AAA



LED-DR 12V Driver

**LED-DR30-12** (30W) LED-DR60-12 (60W) **LED-DR100-12** (100W) **LED-DR150-12** (150W)



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

#### TRULUX APP MULTI ZONE



Trulux Mobile App Mobile Phone / Tablet (Control up to 8 rooms/zones)



LED-DR 12V Driver

**LED-DR30-12** (30W) LED-DR60-12 (60W) **LED-DR100-12** (100W) **LED-DR150-12** (150W)



#### Trulux TruHub Wifi to RF Wireless Router (Required for 2 - 8 zone installations)

WIFI-RF-8



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

For more on the Trulux App see pages (42-43)

For more on Trulux receivers and power supplies, see pages (44-45) for additional information

#### **ADDITIONAL ACCESSORIES**



**TL-4PWR** Tunable CCT Connector Kit



TL-4SPL TL-4L TL-4T TL-4X



Splice Connector (L) Snap connector (T) Snap connector (X) Snap connector



TL-4JUMP-.5 (6") TL-4JUMP-1 (12") TL-4JUMP-2 (24") Tunable CCT Jumper





# TRULUX™ SUBMERSIBLE CUSTED





### Trulux Submersible Single Color & RGB Tape Light

Submersible Trulux is available in 3000K and 4000K white as well as 3-in-1 RGB color changing versions. Our IP68 Submersible tape light is field cuttable (once per reel) every 3.94" and maintains IP68 rating when sealed with IP68 end caps and a neutral cure silicone for indoor or outdoor water features.

#### **Features**

AMENICAN LIGHTING G

- Sealed IP68 power input can be used with 10ft and 20ft jumpers for wet and submerged tape locations
- High output White with 94+ CRI offers up to 240 lumens per foot using only 4.6 watts/foot; Warm White yields 220 lumens per foot
- White Trulux is dimmable with Trulux controllers and most electronic low voltage dimmers
- Use RGB version (also only 4.4W/ft) with Trulux controllers or the Trulux App for entertaining dynamic water effects
- Field cuttable (once per reel) every 3.94" (\*\*when properly sealed with IP68 end caps and silicone\*\*)
- · Run lengths up to 16.4 feet
- 2835 white LEDs & 5050 RGB LEDs last up to 50,000 hours rated life

#### **Applications**

- Outdoor living areas
- · Architectural accent
- Landscaping
- Direct sunlight
- Pool / water features
- Saltwater-marine
- Coastal environments
- Patios / lounges

#### Trulux Wireless Controls

Sleek design for any room in your home. Easy installation makes it the perfect control for remodel applications.

See pages (28-29) for details





3000K

IP68 - Warm White IP68 - White

4.6W per ft / 220Lm per ft 4.6W per ft / 240Lm per ft

#### SINGLE COLOR KITS

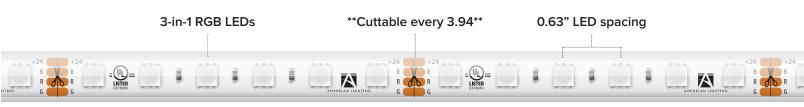


HTL68-WW (16.4ft)

HTL68-WH (16.4ft)

4000K

HTL68-White Kits include: (1) Female attached connector / (15) TL-CLIPS-15 clips \*\* Field cuttable (once per reel) and must be sealed with IP68 end caps and silicone\*\*



#### **RGB**

IP68 - RGB

4.6W per ft / 220Lm per ft

**RGB KITS** 



HTL68-RGB (16.4ft)

HTL68-RGB Kits include: (1) Male attached connector / (15) TL-CLIPS-15 clips \*\* Field cuttable (once per reel) and must be sealed with IP68 end caps and silicone\*\*

# **Building a Submersible Trulux System?**

See pages (28-29) for compatible Trulux controllers and accessories

#### WIRELESS SINGLE COLOR SETUP



**Push Dial Controller** (Single zone)



LED-DR 24V Driver (30W, 60W, 100W, 150W)



Trulux RF Receiver (Required)

#### WIRELESS RGB MULTI ZONE SETUP



**RGB** Remote (Up to 8 Zones)



LED-DR 24V Driver (30W, 60W, 100W, 150W)



Trulux RF Receivers (Receiver required per zone)

# TRUI UX™ SUBMERSIBLE CONTROL

Create dynamic water feature installations with our Submersible tape and Trulux Controllers available in both single color and RGB options. For smaller single color applications, we recommend using the Trulux push dial wall control dimmer. For larger color changing installations, our RGB remote or Trulux Mobile App are the perfect combination.



#### **SRF-BATT**

Trulux Push Dial Wall Control (Single Color / Single Zone)

- · Push dial On/Off control dimmer
- Full range dimming (1-100%)
- · Glass faceplate with satin nickel dial
- · Wireless installation No power wire
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (CR2032)
- Requires Trulux receiver for install







### **RF-RGBW-3AAA**

Trulux RGB Remote (1 - 8 Zones / 10 Auto Presets)

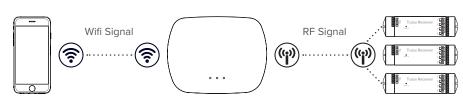
- Ultra sensitive color adjustment wheel
- Full range dimming (1-100%)
- 3 programmable scenes
- 8 dedicated zone selection
- · 4 preset intensity settings
- · Includes convenient wall caddy
- · Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (3 x AAA)
- Requires Trulux receiver for install







### $TRUUUX^{\infty}MOBILEAPP$ For more details see pages (42-43)



Trulux Mobile App Smart Phone / Tablet

TruHub Router Wifi to RF Converter

Trulux RF Receivers (Pair up to 8 receivers)

#### TRULUX MOBILE APP

Multi Zone Trulux Controller (Multi Color / Multi Room or Zones)

- Mobile Phone or Tablet App ready
- Interactive dial controls
- Set up to 8 dedicated rooms or zones
- · Create and save custom settings
- · Control all single color and RGB installations simultaneously
- Use in addition to any Trulux controllers or as a standalone system
- Requires TruHub (RF-WIFI-8) router and receivers for 2 to 8 zone installations; or the RF to Wifi receiver (REC-5A-4Z-WIFI) for single zone applications

Available on Google Play & App Store:





# TRUI UX™ SUBMERSIBLE ACCESSORIES

Building a Trulux system is easy! Our Trulux controllers feature wireless technology that makes installation a breeze. All that's required is a 120V power source to a 24V driver, which is then fed to a Trulux receiver. Wire your tape to the receiver, sync the receiver to the controller, and you're all set.

#### **TRULUX SINGLE ZONE**



Single Zone Push Dial Wireless RF Wall Controller

**SRF-BATT** 



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) **LED-DR100-24** (100W) **LED-DR150-24** (150W)



Trulux RF Receiver (Required)

REC-5A-4Z

#### **ALTERNATE DIMMING**



**Primary Side Dimming** Hardwired Dimmer



**ELV 24V Driver** 

ELV-30-24 (30W) **ELV-45-24** (45W) ELV-60J-24\* (60W) ELV-80J-24\* (80W)

\*Wet Location Rated

#### TRULUX RGB MULTI ZONE



Trulux RGB Remote 8 Zone Wireless RF Remote

**RF-RGBW-3AAA** 



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) **LED-DR100-24** (100W) **LED-DR150-24** (150W)



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

TRULUX APP MULTI ZONE

Trulux Mobile App Mobile Phone / Tablet (Control up to 8 rooms/zones)



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) LED-DR100-24 (100W) **LED-DR150-24** (150W)



#### Trulux TruHub Wifi to RF Wireless Router (Required for 2 - 8 zone installations)

WIFI-RF-8



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

For more on the Trulux App see pages (42-43)

For more on Trulux receivers and power supplies, see pages (44-45) for additional information

#### ADDITIONAL ACCESSORIES



TL-2JUMP68-10 (10ft) TL-2JUMP68-20 (20ft) Single Color IP68 - Jumper



TL-4JUMP68-10 (10ft) TL-4JUMP68-20 (20ft) **RGB** IP68 - Jumper



**TL-ENDS68-10** IP68 End Caps (Qty of 10)

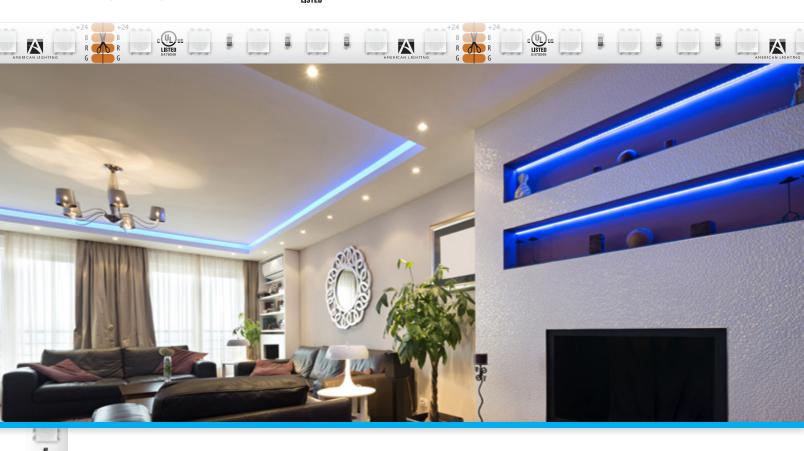


TL-CLIPS-15 **IP68 Mounting Clips** (Qty of 15)





# TRULUX™ RGB coustes



### Trulux RGB Tape Light

High output 5050 type 3-in-1 LEDs are spaced every 0.64", with IP54 and IP68 levels of ingress protection. Safely use the HTL68-RGB in locations where water can accumulate or in water features for dynamic full range RGB effects.

#### **Features**

- cULus Listed for IP54 dry/damp and IP68 submerged locations
- 3-in-1 RGB LEDs create full range effects
- · Consuming only 4.6W per foot
- Cuttable every 3.94" while maintaining cULus Listing
- Run lengths up to 22 feet (16.4ft IP68)
- Compatible with RGB and RGB-DMX Trulux controllers
- 5050 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP68) silicone encased versions



Unjacketed



Silicone Encased

### **Applications**

- Outdoor living areas
- Architectural accent
- Landscaping
- Restaurants
- Coves
- Hospitality
- Theater / production
- · Patios / lounges

### Trulux RGB Control

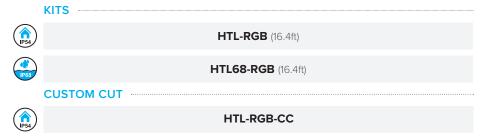
Fully customizable color control has never been so easy. Features adjustable RGB channel presets with zone and scene selection.

See pages (34-35) for details



#### **RGB**

4.6W per ft / Up to 370Lm per ft

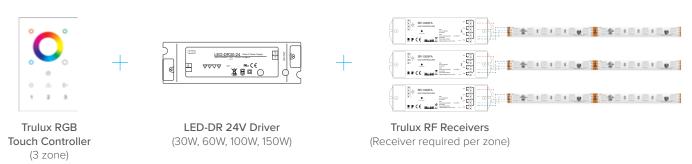


HTL-RGB (IP54) Kits include: Attached 3ft lead wires / (3) TL-4PWR connectors HTL68-RGB (IP68) Kits include: (1) Female attached connector / (15) TL-CLIPS-15 clips For submersible applications, please see pages 22-23 for additional information

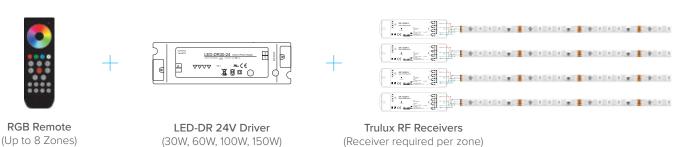
### **Building a RGB Trulux System?**

See pages (34-35) for compatible RGB Trulux controllers and accessories



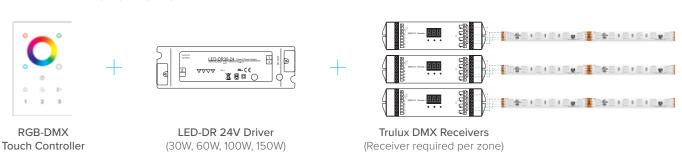


#### WIRELESS RGB MULTI ZONE SETUP



#### HARDWIRED DMX 3 ZONE SETUP -

(3 zone)



# TRULUX RGB CONTROL

With built-in presets and the ability to create your own scenes, the Trulux RGB controllers offer limitless possibilities for your space. Adjust brightness, speed, and even synchronize patterns. With RGB color control, create lasting impressions or evolve over time.



#### RF-RGBW-3Z

#### Trulux RGB Wall Control (3 Zones / 10 Auto Presets)

- Ultra sensitive color adjustment wheel
- Full range dimming (1-100%)
- Independently dim each channel
- 4 color presets + dynamic white
- 3 dedicated zone selection
- 10 auto effect presets
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (CR2032)
- · Requires Trulux receiver for install









#### **RF-RGBW-3AAA**

#### Trulux RGB Remote (1 - 8 Zones / 10 Auto Presets)

- Ultra sensitive color adjustment wheel
- Full range dimming (1-100%)
- 3 programmable scenes
- 8 dedicated zone selection
- 4 preset intensity settings
- Includes convenient wall caddy
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (3 x AAA)
- · Requires Trulux receiver for install









#### DMX-3Z

# Trulux DMX Wall Control (3 Zones / 10 Auto Presets / DMX Signal Out)

- DMX direct wire signal controller
- · Carry reliable signals up to 400 feet
- · Ultra sensitive color adjustment wheel
- Independently dim each channel
- 4 color presets + dynamic white
- 3 dedicated zone selection
- 10 auto effect presets
- Pair multiple receivers to a single control
- Requires 12-24V DC input
- Requires Trulux DMX receiver for install





### TRULUX<sup>™</sup> MOBILE APP For more details see pages (42-43)

- Mobile Phone or Tablet App ready
- · Set up to 8 dedicated rooms or zones
- Use in addition to any Trulux controllers or as a standalone system
- Requires TruHub (RF-WIFI-8) router and receivers for 2 to 8 zone installations; or the RF to Wifi receiver (REC-5A-4Z-WIFI) for single zone applications



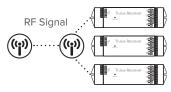
Trulux Mobile App

Smart Phone / Tablet









Trulux RF Receivers (Pair up to 8 receivers)

# TRULUX™ RGB ACCESSORIES

Building a Trulux system is easy! Our Trulux RGB controllers feature wireless technology that makes installation a breeze. All that's required is a 120V power source to a 24V driver, which is then fed to a Trulux receiver. For advanced color control, use a Trulux DMX controller and receiver for ultimate color effects and reliable signal.

#### **TRULUX RGB 3 ZONE**



**RGB Touch Wall Plate** Wireless Wall Controller

RF-RGBW-3Z



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) **LED-DR100-24** (100W) **LED-DR150-24** (150W)



Trulux RF Receiver (Receiver required per zone) REC-5A-4Z

#### TRULUX RGB REMOTE



Trulux RGB Remote 8 Zone Wireless Remote

**RF-RGBW-3AAA** 



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) LED-DR100-24 (100W) **LED-DR150-24** (150W)



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

#### **TRULUX DMX 3 ZONE**



**DMX Touch Wall Plate** Hardwired Wall Controller

**RF-RGBW-3AAA** 



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) **LED-DR100-24** (100W) **LED-DR150-24** (150W)



Trulux DMX Receiver (Receiver required per zone)

REC-DMX-54-4Z

For advanced DMX control see pages (38-39)

#### TRULUX APP MULTI ZONE



Trulux Mobile App Mobile Phone / Tablet (Control up to 8 rooms/zones)



LED-DR 24V Driver

**LED-DR30-24** (30W) **LED-DR60-24** (60W) LED-DR100-24 (100W) **LED-DR150-24** (150W)



#### Trulux TruHub Wifi to RF Wireless Router (Required for 2 - 8 zone installations)

WIFI-RF-8



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

For more on the Trulux App see pages (42-43)

For more on Trulux receivers and power supplies, see pages (44-45) for additional information

#### ADDITIONAL ACCESSORIES ...



**TL-4PWR** RGB Connector Kit



TL-4JUMP-.5 (6") TL-4JUMP-1 (12") TL-4JUMP-2 (24") **RGB** 



TL-4L TL-4T TI -4X IP54 - Jumper



TL-4SPL Splice Connector (L) Snap connector (T) Snap connector (X) Snap connector



TL-4JUMP68-10 (10ft) TL-4JUMP68-20 (20ft) **RGB** IP68 - Jumper



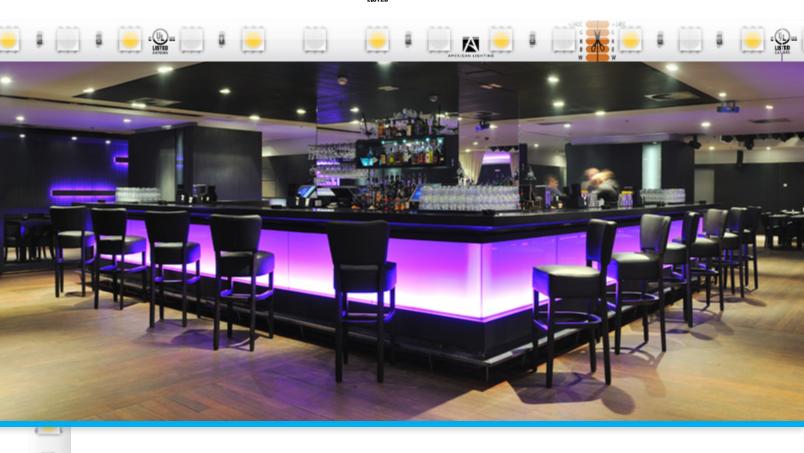
**TL-ENDS68-10** IP68 End Caps (Qty of 10)



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

# TRULUX™ RGB+WW CUSTED





### Trulux RGB+WW Tape Light

Alternating 5050 type 3-in-1 LEDs and 3000K White LEDs spaced every 0.64" provide the fullest color range of any Trulux tape light. Dynamic full range RGB effect lighting combined with white mixing creates millions of color possibilities while maintaining brightness and punch.

#### **Features**

- 3-in-1 RGB LEDs combined with alternating warm white 3000K LEDs
- Lumen output up to 370 lumens
- Consuming only 4.6W per foot
- Cuttable every 6.56" while maintaining cULus Listing
- Run lengths up to 22 feet
- Compatible with RGB+WW and RGB-DMX Trulux controllers
- 5050 LEDs last up to 50,000 hours rated life
- Available in (IP54) unjacketed and (IP65) jacketed ratings



Unjacketed



Jacketed

### **Applications**

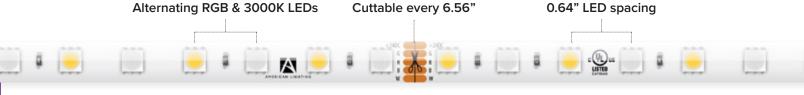
- Entertainment
- Architectural accent
- Venue lighting
- Restaurants
- Coves
- Hospitality
- Theater / Production
- Patios / lounges

#### Trulux RGB+WW Control

Access millions of colors including dynamic white setting with just a touch of a button. Available in both wireless and hardwired DMX installation options

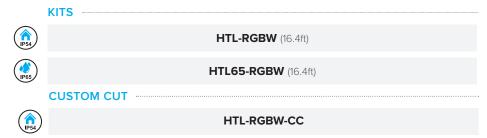
See pages (38-41) for details





#### **RGB+WW**

4.6W per ft / Up to 370Lm per ft

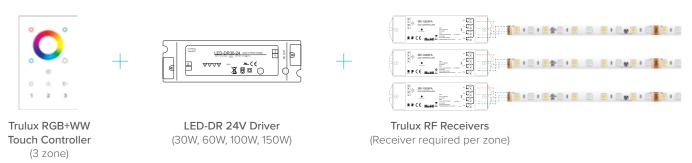


HTL-RGBW (IP54) Kits include: Attached 3ft lead wires / (3) TL-5PWR connectors HTL65-RGBW (IP65) Kits include: (1) Male / (1) Female attached connectors.

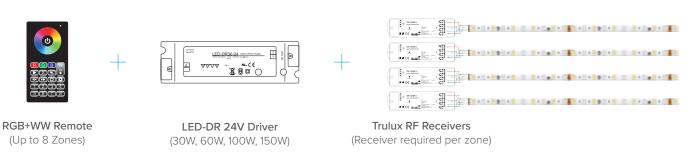
## Building a RGB+WW Trulux System?

See pages (38-39) for compatible RGB+WW Trulux controllers and accessories

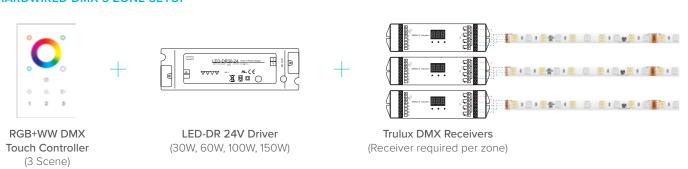




#### WIRELESS RGB+WW MULTI ZONE SETUP



#### HARDWIRED DMX 3 ZONE SETUP -



## TRUI UX™ RGB+WW CONTROL

With built-in presets and the ability to create your own scenes, the Trulux RGB+WW controllers offer limitless possibilities for your space. Adjust brightness, speed, and even synchronize patterns. With RGB+WW color control, create lasting impressions or evolve over time.



#### RF-RGBW-3Z

#### Trulux RGB Wall Control (3 Zones / 10 Auto Presets)

- 3 dedicated zone selection
- 4 color presets (Red, Green, Blue, White)
- Dynamic white with 3 blend modes
- · Independently dim each channel
- 10 auto effect presets
- Full range dimming (1-100%)
- Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- Battery powered (CR2032)
- · Requires Trulux receiver for install









#### **RF-RGBW-USB**

#### Trulux RGB+WW Remote (1 - 8 Zones / 10 Auto Presets)

- Ultra sensitive color adjustment wheel
- Full range dimming (1-100%)
- · 8 dedicated zone selection
- 8 programmable scenes per zone
- · 4 preset intensity settings
- · Includes convenient wall caddy
- · Pair multiple receivers to a single control
- RF signal (up to 65 feet)
- USB rechargeable
- · Requires Trulux receiver for install









#### DMX-1Z-3P

#### Trulux DMX Wall Control (3 Scenes / 10 Auto Presets / DMX Signal Out)

- 3 programmable scene settings
- 4 color presets (Red, Green, Blue, White)
- · Dynamic white with 3 blend modes
- · Independently dim each channel
- 10 auto effect presets
- Full range dimming (1-100%)
- · Carry reliable signals up to 400 feet
- Pair multiple receivers to a single control
- · Requires 12-24V DC input
- · Requires Trulux DMX receiver for install





## TRULUX<sup>™</sup> MOBILE APP For more details see pages (42-43)

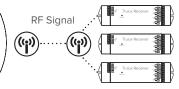
- Mobile Phone or Tablet App ready
- Set up to 8 dedicated rooms or zones
- Use in addition to any Trulux controllers or as a standalone system
- Requires TruHub (RF-WIFI-8) router and receivers for 2 to 8 zone installations; or the RF to Wifi receiver (REC-5A-4Z-WIFI) for single zone applications











Trulux RF Receivers (Pair up to 8 receivers)

Smart Phone / Tablet

Wifi to RF Converter

## TRUI UX™ RGB+WW ACCESSORIES

Building a Trulux system is easy! Our Trulux RGB+WW controllers feature wireless technology that makes installation a breeze. All that's required is a 120V power source to a 24V driver, which is then fed to a Trulux receiver. For advanced color control, use a Trulux DMX controller and receiver for ultimate color effects and reliable signal.

#### **TRULUX RGB 3 ZONE**



**RGB Touch Wall Plate** Wireless Wall Controller

RF-RGBW-3Z



LED-DR 24V Driver

LED-DR30-24	(30W)
LED-DR60-24	(60W)
LED-DR100-24	(100W)
LED-DR150-24	(150W)



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

#### TRULUX RGB REMOTE



Trulux RGB Remote 8 Zone Wireless Remote

**RF-RGBW-3AAA** 



LED-DR 24V Driver

LED-DR30-24	(30W)
LED-DR60-24	(60W)
LED-DR100-24	(100W)
LED-DR150-24	(150W)



Trulux RF Receiver (Receiver required per zone)

REC-5A-4Z

#### **TRULUX DMX 3 SCENE**



**DMX Touch Wall Plate** Hardwired Wall Controller

DMX-1Z-3P



LED-DR 24V Driver

LED-DR30-24	(30W)
LED-DR60-24	(60W)
LED-DR100-24	(100W
LED-DR150-24	(150W



Trulux DMX Receiver (Receiver required per zone)

REC-DMX-54-4Z

For advanced DMX control see pages (40-41)

#### TRULUX APP MULTI ZONE



Trulux Mobile App Mobile Phone / Tablet (Control up to 8 rooms/zones)



LED-DR 24V Driver

LED-DR30-24	(30W)
LED-DR60-24	(60W)
LED-DR100-24	(100W)
LFD-DR150-24	(150W)



Trulux TruHub Wifi to RF Wireless Router (Required for 2 - 8 zone installations)

#### WIFI-RF-8



Trulux RF Receiver (Receiver required per zone)

#### REC-5A-4Z

For more on the Trulux App see pages (42-43)

For more on Trulux receivers and power supplies, see pages (44-45) for additional information

#### **ADDITIONAL ACCESSORIES**



TL-5PWR **RGB+WW** Connector Kit



TL-5JUMP-.5 (6") TL-5JUMP-1 (12") TL-5JUMP-2 (24") RGB+WW IP54 - Jumper



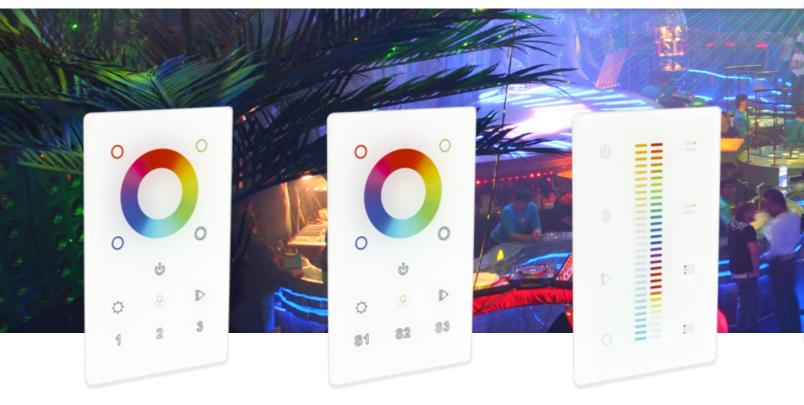
TL-5SPL Splice Connector



TL-5JUMP65-.5 (6") TL-5JUMP65-1 (12") TL-5JUMP65-2 (24") RGB+WW IP65 - Jumper

## TRULUX™ DMX CONTROLLERS

Use DMX control for when a reliable signal is a must. Allowing longer runs of up to 400 feet, these controllers can be placed wherever is most convenient while adjusting the color or presets without the worry of interference. Save your favorite settings or create dynamic multi color looks with Trulux RGB, RGB+WW and Tunable Tape.



#### DMX-1Z-3P

Trulux DMX Wall Control (3 Zones / 10 Auto Presets / DMX Signal Out)

- 3 dedicated zone selection
- 4 color presets (Red, Green, Blue, White)
- Dynamic white with 3 blend modes
- · Independently dim each channel
- · 10 auto effect presets
- Full range dimming (1-100%)
- Ultra sensitive color adjustment wheel
- · DMX direct wire signal controller
- Carry reliable signals up to 400 feet
- Pair multiple receivers to a single control
- Requires 12-24V DC input
- Requires Trulux DMX receiver for install







#### DMX-3Z

Trulux DMX Wall Control (3 Scenes / 10 Auto Presets / DMX Signal Out)

- 3 programmable scene settings
- 4 color presets (Red, Green, Blue, White)
- Dynamic white with 3 blend modes
- · Independently dim each channel
- 10 auto effect presets
- Full range dimming (1-100%)
- · DMX direct wire signal controller
- Carry reliable signals up to 400 feet
- Ultra sensitive color adjustment wheel
- Pair multiple receivers to a single control
- Requires 12-24V DC input
- Requires Trulux DMX receiver for install







#### DMX-2-2

Trulux Multi Type DMX Wall Control (Multi Type Zones / 10 Auto Presets)

- Independent Tunable CCT & RGB control
- 2 Tunable CCT white zone selection
- 2 RGB zone selection
- 10 RGB auto presets
- Single programmable scene selection
- · Touch RGB/Tunable CCT color slider
- Full range dimming (1-100%)
- DMX direct wire signal controller
- Pair multiple receivers to a single control
- Requires 12-24V DC input
- · Requires Trulux DMX receiver for install









## **Building a Trulux DMX System?**

Visit www.AmericanLighting.com/Trulux for technical support and additional information

## TRULUX™ DMX RECEIVERS

Our Trulux DMX receivers are constant voltage DMX512 decoders designed with DMX512 compliant control interfaces, which enables users to set DMX addresses freely featuring digital numeric displays. Trulux DMX receivers are not only compatible with Trulux DMX controllers, but also other advanced auxiliary DMX controls.



#### REC-DMX-5A-4Z

#### Trulux DMX Receiver (DMX Signal Receiver / Decoder)

- Compatible with Single Color, Tunable CCT, RGB/RGB+WW
- · 3 channel or 4 channel selectable
- 4 x (60-180W) 5A per channel
- One DMX control can 'talk' to multiple receivers
- For multiple addresses, a separate receiver is required
- Requires 12-24V DC input
- Requires Trulux DMX controller or auxiliary DMX control









#### **REC-DMX-5A-4Z-PLUS**

Trulux DMX Plus Receiver (DMX Signal Receiver / Decoder)

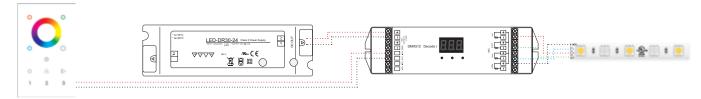
- Compatible with Single Color, Tunable CCT, RGB/RGB+WW
- · 3 channel or 4 channel selectable
- 4 x (96-288W) 8A per channel
- Switch between standalone mode and DMX mode
- Standalone mode features 9 speeds, 9 dynamic effects, and 8 brightness levels
- One DMX control can 'talk' to multiple receivers
- For multiple addresses, a separate receiver is required
- Requires 12-24V DC input
- Requires Trulux DMX controller or auxiliary DMX control







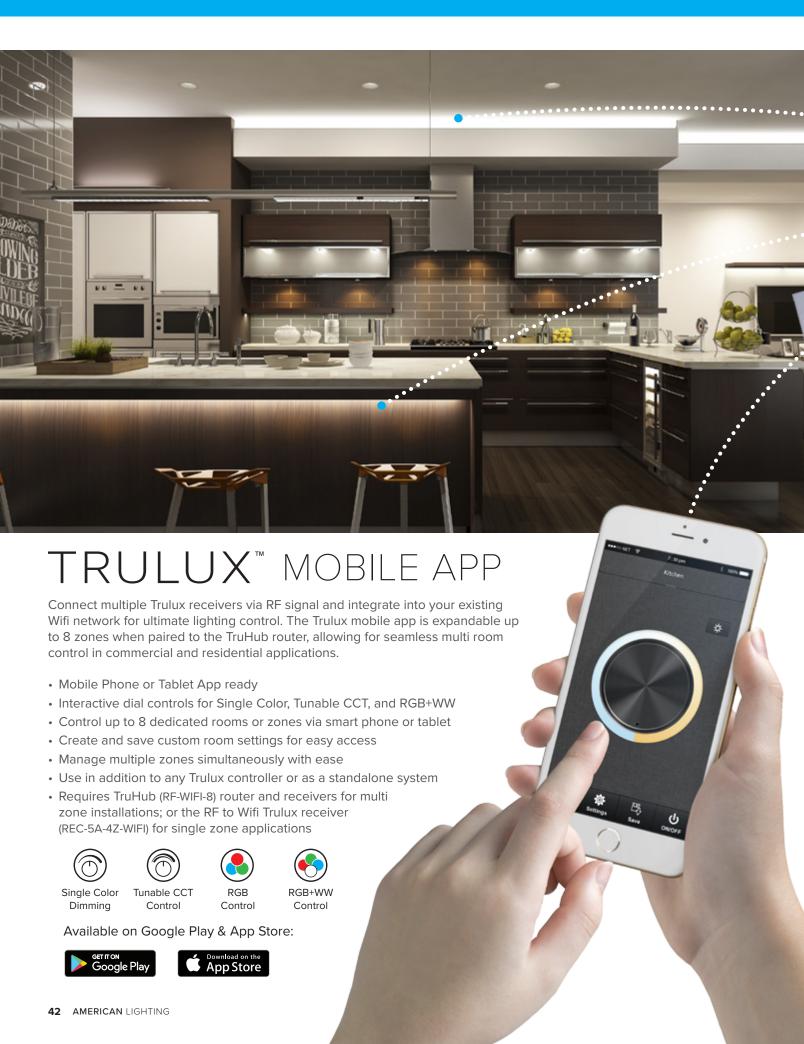
#### TRULUX DMX RGB+WW SETUP

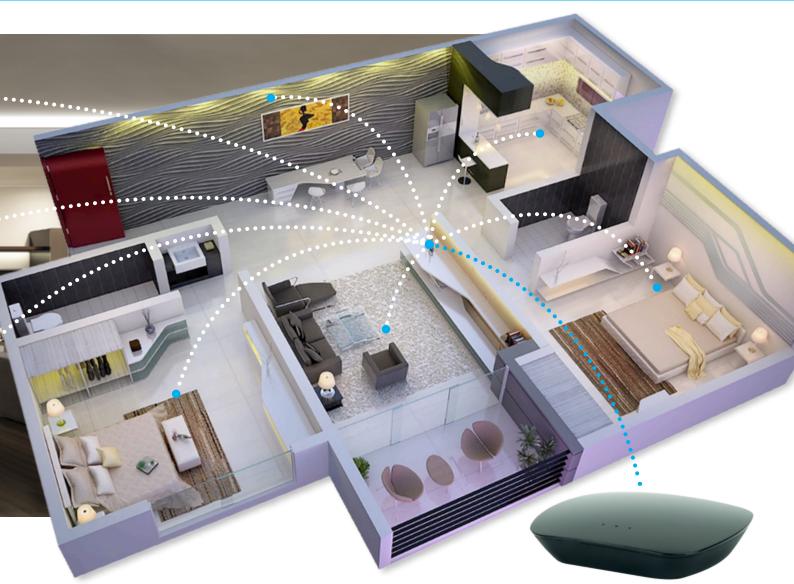


**RGB+WW DMX Touch Controller** 

LED-DR 12V/24V Driver (30W, 60W, 100W, 150W)

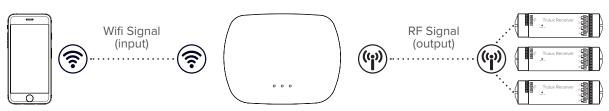
Trulux DMX Receiver (Receiver required per zone)





## TruHub Router wifi-RF-8

#### **MULTI ZONE SETUP**



Trulux Mobile App Mobile Phone / Tablet (Control up to 8 rooms/zones)

Trulux TruHub Wifi to RF Wireless Router (Required for 2 - 8 zone installations)

WIFI-RF-8

## (Receiver required per zone) REC-5A-4Z

Trulux RF Receiver

### SINGLE ZONE SETUP



#### Trulux Mobile App Mobile Phone / Tablet (Single Zone)

Trulux RF+Wifi Receiver (For single zone Trulux App use)

REC-5A-4Z-WIFI

## Want to Know More?

Visit us online at www.AmericanLighting.com/Trulux Be sure to also subscribe to our YouTube channel for new product videos and installation tutorials.

## TRULUX™ RECEIVERS

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.

#### TRULUX RF / WIFI RECEIVERS



REC-5A-4Z (Radio frequency RF receiver) (P) ( C) (C) (R)









- · Compatible with Single Color, Tunable CCT, RGB, and RGB+WW
- Sync multiple receivers to a single control
- 4 x (60-180W) 5A per channel
- Requires 12-24V DC input and LED-DR series driver
- 7"L x 1-13/16"W x 3/4"H

#### Recommended use:

Single color, Tunable CCT, RGB/RGB+WW (RF) Controllers Trulux Mobile App (multi zone applications) - Requires TruHub router (RF-WIFI-8)



**REC-5A-4Z-WIFI** (Radio frequency RF + Wifi receiver)











- · Compatible with Single Color, Tunable CCT, RGB, and RGB+WW
- Sync multiple receivers to a single control
- 4 x (60-180W) 5A per channel
- Requires 12-24V DC input and LED-DR series driver
- 7"L x 1-13/16"W x 13/16"H

#### Recommended use:

Trulux Mobile App (single zone applications)

#### TRULUX DMX RECEIVERS

For greater color control our Trulux DMX receivers feature constant voltage DMX 512 decoder with selectable 3 channel or 4 channel output with 5A to 8A per channel. Switch between DMX decoder mode and stand-alone mode, once under stand-alone mode, the DMX master can adjust brightness of each channel and enter the fading operation mode.



REC-DMX-5A-4Z (DMX signal receiver / decoder) ( )







- Compatible with Single Color, Tunable CCT, RGB, and RGB+WW
- 3 channel or 4 channel selectable
- 4 x (60-180W) 5A per channel
- One DMX control can 'talk' to multiple receivers when addressed properly
- For multiple addresses, a separate receiver is required for each
- 7"L x 1-13/16"W x 3/4"H

#### Recommended use:

Trulux DMX Controllers **Auxiliary DMX Controllers** 

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











- Compatible with Single Color, Tunable CCT, RGB, and RGB+WW • 3 channel or 4 channel selectable
- 4 x (96-288W) 8A per channel
- Switch between standalone mode and DMX mode via buttons on decoder
- Standalone mode features 9 speeds, 9 dynamic effects, and 8 brightness levels
- One DMX control can 'talk' to multiple receivers when addressed properly
- For multiple addresses, a separate receiver is required for each
- 6-11/16"L x 2-5/16"W x 1-1/18"H

#### Recommended use:

Trulux DMX Controllers Auxiliary DMX Controllers



## TRULUX™ POWER SUPPLIES

#### TRULUX LED-DR DRIVERS





- 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
- Short circuit / over current / over voltage / over temperature protections
- c/UR/us Recognized for indoor use only
- Compatible with power supply housing (ENCL-11)
- 6-1/4"L x 1-3/4"W x 1-3/16"H



#### **LED-DR60-12** (12V DC) **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)
- Compatible with power supply housing (ENCL-11)
- 7-13/16"L x 1-3/4"W x 1-5/8"H



#### **LED-DR100-12** (12V DC) **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) **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

#### PRIMARY SIDE DIMMING ELV DRIVERS



**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
- 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
- Knockouts on both the primary and the secondary ends
- Class 2, RoHS compliant
- 100-130V AC, 50/60Hz input via 5" long 18AWGx3C conductors and 1/2" knockouts
- 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

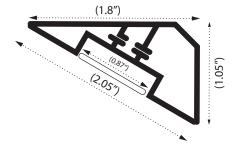


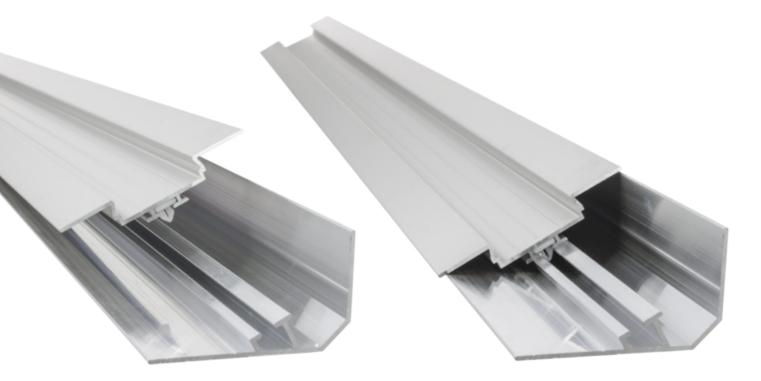


## PRO 30 UNDER CABINET

The robust angled Pro30 for indoor use, includes the corner mounting plate and the faceplate insert. Clips (four per meter), right and left ends, and lens make the complete fixture. The faceplate insert is double anodized aluminum and the mounting plate is non-anodized aluminum. Use under cabinets, in bar areas, and for retail displays. Either the long or short side can be mounted to the horizontal surface for window framing.

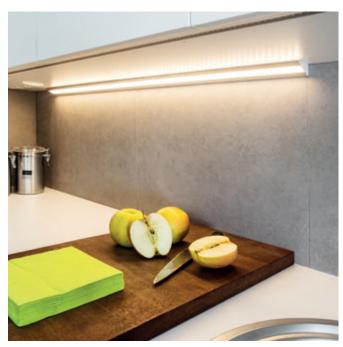
PRODUCT	PART NUMBER
PRO 30 Aluminum Extrusion	PE-PRO30-1M
Frosted Polycarbonate UV Lens	PE-PRO30LENS-1M
PRO 30 End Cap (Right)	PE-PRO30-RIGHT
PRO 30 End Cap (Left)	PE-PRO30-LEFT
PRO 30 Slot Clips	PE-SLOT-CLIP











## SINGLE STANT

The Single Stant Premium Extrusion requires a 1-3/16" width and 1/4" height for installation. The sloped shoulders arch to the mounting surface on both sides offering a strong presence with a tailored look. Use for applications such as accent lighting, display shelving and cases, and niche exterior lighting.

Compatible Trulux Tape Light: Single Color, Tunable CCT, RGB, and RGB+WW

PRODUCT	PART NUMBER
Single Stant Aluminum Extrusion	PE-SSTANT-1M
Frosted Polycarbonate UV Lens	PE-UVSTANT-1M
Single Stant End Cap	PE-SSTANT-END

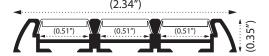


#### TRIPLE STANT

The Triple Stant Premium Extrusion requires an ample clearance of 2-3/8" and 3/8" height for installation. The sloped shoulders arch more quickly to the mounting surface than the Single Stant, but still form a finished tailored look. With three rows of lighting, the Triple Stant should be used for applications where lots of light is needed, such as under cabinet and work areas and other task lighting applications.

Compatible Trulux Tape Light: Single Color, Tunable CCT, RGB, and RGB+WW

PRODUCT	PART NUMBER
Triple Stant Aluminum Extrusion	PE-3STANT-1M
Frosted Polycarbonate UV Lens	PE-UVSTANT-1M
Triple Stant End Cap	PE-3STANT-END



### **ECONOMY**

The Economy Extrusion requires a 5/8" width and 1/4" height for installation. Each one includes a frosted propylene cover which protects the LEDs from dust, and also hides direct view of LEDs, while diffusing the light. Use the EE1-ENDs for a finished look. Applications include niches, shelving, cabinets, and various accent/display lighting. The E-CLIP is recommended for wood mounting surfaces.

PRODUCT	PART NUMBER
Economy Aluminum Extrusion	EE1-AAFR-1M
Frosted Polypropylene Lens	(Included with extrusion)
Economy End Cap	EE1-END
Surface Mount Clip	E-CLIP







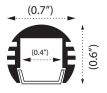
## OLIN

The Olin extrusion is sleek, slim and attractive. Use the UV lens and end caps to make a clean finished appearance. Standard surface E-CLIPs secure the extrusion to the surface for perpendicular light output; and the E-CLIP-45 allows angled placement (about 10° from perpendicular) for wall grazing effects, retail displays and task lighting.

Compatible Trulux Tape Light: Single Color, Tunable CCT, and RGB

PRODUCT	PART NUMBER
OLIN Aluminum Extrusion	PE-OLIN-1M
Frosted Polycarbonate UV Lens	PE-UVLENS-1M
OLIN End Cap	PE-OLIN-END
OLIN End Cap w/hole	PE-OLIN-FEED
Standard Surface Mount Clip	E-CLIP
Angled Surface Mount Clip	E-CLIP-45





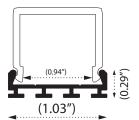


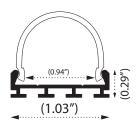


### **TURBO**

The impressive Turbo extrusion with lens and end caps resembles a low profile T5 luminaire when it is assembled. It allows two side-by-side rows of Trulux (except RGB+WW which is too wide) to fit in its generous base, boosting light output and increasing coverage. Allow a 1" high by 1-1/16" wide clearance for either the rounded or squared lens style. Use for areas where covered sources make sense, such as food prep areas, closets, workshops and offices.

PRODUCT	PART NUMBER
Turbo Aluminum Extrusion	PE-TURBO-1M
Round Frosted Acrylic Lens	PE-RTURBO-1M
Round End Cap	PE-RTURBO-END
Square Frosted Acrylic Lens	PE-QTURBO-1M
Square End Cap	PE-QTURBO-END





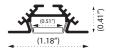


## **PRO 45**

Double anodized, with high light transmitting lens options (sold separately) and PRO45 ends for a finished look. This angular extrusion has a stronger, more refined presence than the other 45 degree channels, and can be assembled to be used outdoors. The PRO45 really shines in window framing and as decorative accent lighting where the profile has visibility, but it also works for display cases and cabinets.

Compatible Trulux Tape Light: Single Color, Tunable CCT, RGB, and RGB+WW

PRODUCT	PART NUMBER
Pro 45 Aluminum Extrusion	PE-PRO45-1M
Frosted Polycarbonate Lens	PE-PROLENS-FR-1M
Frosted Polycarbonate UV Lens	PE-PROLENS-UV-1M
Pro 45 End Cap	PE-PRO45-END



## PREMIUM 45

A practical and versatile profile for corners, the Premium 45 can be sealed for outdoor use, if needed. Otherwise it is an indoor extrusion. Use to light cabinets, glass display cases, interior window framing, and even stairs/steps. The E-CLIP-45 is highly recommended for wood mounting surfaces.

Compatible Trulux Tape Light: Single Color, Tunable CCT, and RGB

PRODUCT	PART NUMBER
Premium 45 Aluminum Extrusion	PE-AA45-1M
Frosted Polycarbonate UV Lens	PE-UVLENS-1M
Premium 45 End Cap	PE-AA45-END
Surface Mount Clip	E-CLIP-45





### **ECONOMY 45**

An economical version of the Premium 45, since it includes a protective polypropylene lens to diffuse the light somewhat and protect the Trulux tape from dust. A good solution for a narrow spaces. Use the E-CLIP-45 for wood mounting surfaces.

PRODUCT	PART NUMBER
Economy 45 Aluminum Extrusion	EE45-AAFR-1M
Frosted Polypropylene Lens	(Included with extrusion)
Economy 45 End Cap	EE45-END
Surface Mount Clip	E-CLIP-45







## **STEP**

Double-anodized and heavy gauge, the Step combines safety on multiple levels. Not only does it provide stair lighting, it also features two channels with rubber strips for anti-slip safety. The riser lighting feature can hold all Trulux tape light except RGB+WW due to size constraints (RGB+WW is 12mm wide).

Measure stairs allowing for right and left end caps if needed, and cut the extrusion down to size, and install lighting in the riser channel. The Step can be adhered to square edge steps and stairs with glue and/or screws. If using screws, you can remove the outer anti-slip strip and drill through the extrusion. To put the rubber strip back in place, you'll need the PE-STEP-TOOL. Cut the lens to size and put into riser channel to protect the Trulux lighting. When using outdoors, use IP65 Trulux, and glue the right and left ends on with a neutral cure silicone sealant.

PRODUCT	PART NUMBER
Step Aluminum Extrusion	PE-STEP-1M
Frosted Polycarbonate UV Lens	PE-UVLENS-1M
Grip Strip	PE-STEP-GRIP
Step End Cap (Right)	PE-STEP-RIGHT
Step End Cap (Left)	PE-STEP-LEFT
Grip Strip Tool	PE-STEP-TOOL









## TRULUX EXTRUSIONS

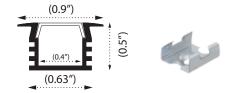
Elevate your style with the clean, built-in look that recessed extrusions offer. A new set of two meter 'Slot' extrusions designed for drywall use specifically, create attractive new possibilities. Walkover applications such as terraces, paths, and tile are covered by the Helm Extrusion. Heavy traffic drive over applications require the Paver Extrusion. The Universal (1/2") and Mini Universal (only 1/4" high) are suitable for either recessed or surface mount applications such as stairs, handrails and accent lighting areas. The Double Flange (1/2" high) and Mini Double Flange (1/4" high) recess and cover up rough edges, as needed, since not all routed out channels turn out perfect.

## **DOUBLE FLANGE**

Hide edges if needed, with the recessed Double Flange extrusion for channels made 5/8" wide by 1/2" deep. Use for recessed accent lighting applications; or surface mount using E-CLIPs. Use the frosted UV resistant/flame retardant lens, made of high quality polycarbonate material. End caps make a finished look.

Compatible Trulux Tape Light: Single Color, Tunable CCT, and RGB

PRODUCT	PART NUMBER
Double Flange Aluminum Extrusion	PE-AA2DF-1M
Frosted Polycarbonate UV Lens	PE-UVLENS-1M
Double Flange End Cap	PE-AA2DF-END
Double Flange End Cap w/hole	PE-AA2DF-FEED
Surface Mount Clip	E-CLIP





## **UNIVERSAL**

The rectangular profile of the Universal Extrusion requires a 5/8" wide by ½" deep channel if you recess mount it. It's also suitable for surface mount applications. Use either a UVLENS for general diffusion or a 10 degree / 30 degree FOCLENS for a narrow, focused beam. A strong construction adhesive could be used, but E-CLIPS are recommended for surface applications.

PRODUCT	PART NUMBER
Universal Aluminum Extrusion	PE-AA2-1M
Frosted Polycarbonate UV Lens	PE-UVLENS-1M
Clear Polycarbonate Focus Lens	PE-FOCLENS-1M
Universal End Cap	PE-AA2-END
Surface Mount Clip	E-CLIP



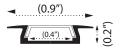


## MINI DOUBLE FLANGE

The Mini is like the Double Flange at left but needs a channel of only 1/4" depth. The Mini Double Flange is a recess mount only extrusion. It can be altered for IP65 locations. Use the frosted UV resistant/flame retardant lens, made of high quality polycarbonate material. Propylene caps finish the ends.

Compatible Trulux Tape Light: Single Color, Tunable CCT, and RGB

PRODUCT	PART NUMBER
Mini Double Flange Aluminum Extrusion	PE-AA1DF-1M
Frosted Polycarbonate UV Lens	PE-UVLENS-1M
Mini Double Flange End Cap	PE-AA1DF-END





## **UNIVERSAL MINI**

The low profile Universal Mini is a short version of the Universal and needs only a 1/4" depth. Use the frosted UV resistant/flame retardant lens, made of high quality polycarbonate material. End caps make a finished look. E-CLIPS are recommended for most surface applications, especially when mounted to the underside of a shelf or cabinet.

PRODUCT	PART NUMBER
Universal Mini Aluminum Extrusion	PE-AA1-1M
Frosted Polycarbonate UV Lens	PE-UVLENS-1M
Universal Mini End Cap	PE-AA1-END
Surface Mount Clip	E-CLIP



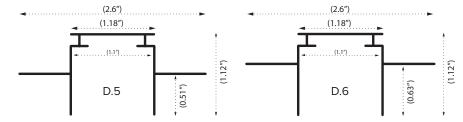




## **DRYWALL SLOT (HOUSING)**

Introducing the new Drywall 'Slot' extrusions! They're designed for both 1/2" and 5/8" drywall, usually used for new construction. The two-piece design: first the "rough-in" housing for either drywall thickness is installed (with the PE-FC-END if the slot goes floor to ceiling) then the Mini Flange Slot Insert snaps on last, after texturing and painting.

PRODUCT	PART NUMBER
1/2" Drywall Slot Extrusion	PE-D.5-2M
5/8" Drywall Slot Extrusion	PE-D.6-2M
Drywall Slot End Cap	PE-FC-END





This extrusion insert snaps into the above making a sleek, finished 'Slot' Fixture that's modern and stylish. The 1/8" flanged edge nearly disappears for a clean 'line of light' look. For Slots that don't go floor to ceiling, use the PE-SLOT-END to finish the edges at top and bottom with the small 1/8" lip. Three pairs of clips per meter are needed to secure the two parts together, and the lens snaps on as the final piece.

PART NUMBER
PE-SLOT-2M
PE-SLOTLENS-2M
PE-SLOT-END
PE-SLOT-CLIP

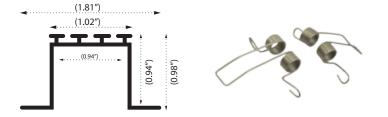


### FLANGE SLOT

Remodeling may need extra room for error. When that happens, attach the spring clips (PE-DFSLOT-CLIP, single) in pairs to the back of the Flange Slot extrusion, covering a generous 3/8" along each side. Use the PE-DFSLOT-END to finish the edges at top and bottom, and snap in the lens.

Compatible Trulux Tape Light: Single Color, Tunable CCT, RGB, and RGB+WW

PRODUCT	PART NUMBER
Flange Slot Extrusion	PE-DFSLOT-2M
Frosted Polycarbonate Lens	PE-SLOTLENS-2M
Flange Slot End Cap	PE-DFSLOT-END
Flange Slot Spring Clips	PE-DFSLOT-CLIP

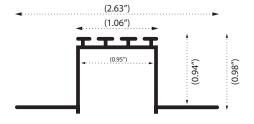




## **INVISIBLE SLOT**

You can have a slim, clean edge in remodel slots, too, if you use the Invisible Edge Slot. This is a screw or glue down high quality aluminum extrusion without a separate insert, so you'll need to cover the channel while you're doing any of the mud work, texturing and painting. End caps finish each end and the lens snaps into the one-piece channel.

PRODUCT	PART NUMBER
Invisible Slot Aluminum Extrusion	PE-INVSLOT-2M
Frosted Polycarbonate Lens	PE-SLOTLENS-2M
Invisible Slot End Cap	PE-INVSLOT-END



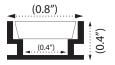


## **HELM**

Specifically designed for flooring, the Helm is suitable for use with tile floors. However, when used with the PE-UVHELM-1M lens and end caps, and sealed properly, it creates many outdoor lighting opportunities, such as landscape areas, curb marking, building facades, and paths. It is designed for walkover, not drive over, applications.

Compatible Trulux Tape Light: Single Color, Tunable CCT, and RGB

PRODUCT	PART NUMBER
Helm Aluminum Extrusion	PE-HELM-1M
Frosted Polycarbonate Lens	PE-UVHELM-1M
Helm End Cap	PE-HELM-END
Helm End Cap w/hole	PE-HELM-FEED

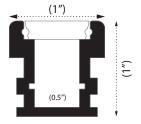




## **PAVER**

Robust and sturdy, the PAVER is the drive over extrusion. Use for sidewalks, driveways, bike lanes, upscale parking lots and outdoor malls. The components (lens end caps) must be sealed properly for outdoor use. For in-ground installation and/or where exposed to heavy loads, special order installation accessories may be needed such as polystyrene foam board, sealants, waterproof couplers and adhesives.

PRODUCT	PART NUMBER
Paver Aluminum Extrusion	PE-PAVER-1M
Frosted Polycarbonate Lens	PE-PAVERLENS-1M
Paver End Cap	PE-PAVER-END
Paver End Cap w/hole	PE-PAVER-FEED















# AMERICAN LIGHTING BRIGHT IDEAS · INNOVATIVE SOLUTIONS

### www.AmericanLighting.com

11775 E. 45th Ave. Denver, CO 80239 Phone: 800.880.1180 Fax: 303.695.7633

TRULUX<sup>™</sup> is a trademark of American Lighting Inc. All rights reserved ©2016 REV. 1638