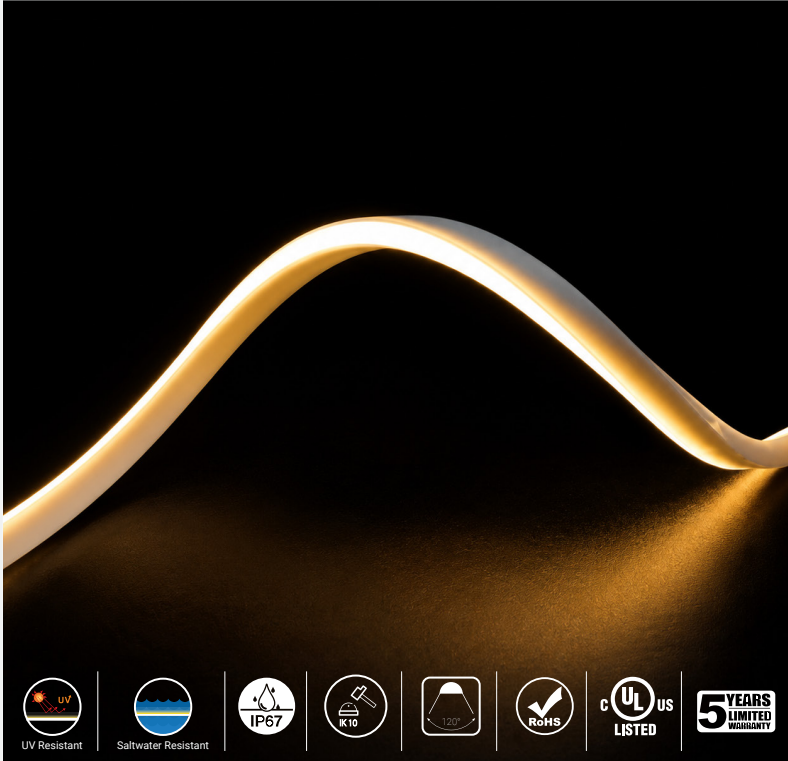




FEATURES

The LB8000-ING-ST In-Ground LED Tape Light is a premium linear lighting solution engineered for recessed outdoor applications where durability, performance, and seamless illumination are essential. Designed with a robust 0.43 × 0.79 in. protected body profile, this in-ground LED tape light delivers a continuous, dot-free line of light while withstanding heavy pedestrian traffic and demanding outdoor environments.

Its IK10-rated construction provides exceptional impact resistance, while the corrosion-resistant, saltwater-resistant housing ensures long-term reliability in coastal and harsh-weather installations. Operating on 24V DC with a freely cut design and a maximum run length of 16 ft, the LB8000-ING-ST features an IP67 rating and is backed by a 5-year warranty. It is an ideal solution for architectural landscapes, walkways, plazas, courtyards, hospitality, and commercial exterior lighting applications, delivering exceptional durability and reliable performance in demanding outdoor environments.

Wet Location (IP67) / IK10 Rated

LED's/ft: 29 / FPC Copper 30z PCB

Material: Inner Body – PVC; Outer Extrusion – TPU

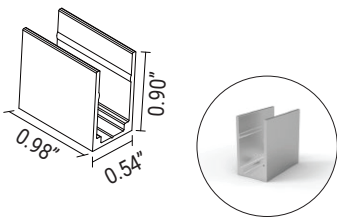
Side Bend / Minimum bending radius: 7.4 in (190 mm)

Warranty: 5-year warranty for parts and components (labor not included)

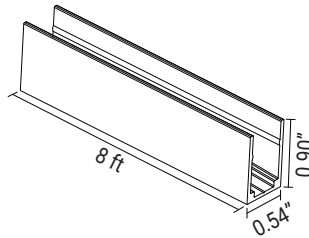
Color Temp.	4.57 W/ft	lm/W
2700K	185 lm/ft	40 lm/W
3000K	205 lm/ft	45 lm/W
4000K	230 lm/ft	50 lm/W

MOUNTING ACCESSORIES

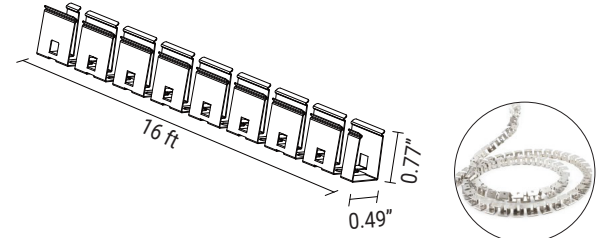
LB8000-ING-ST-AL-BR Aluminum Bracket



LB8000-ING-ST-AL-EXTR Aluminum Extrusion



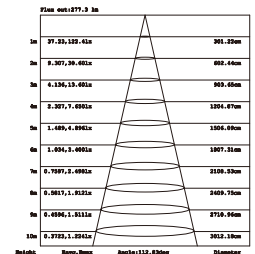
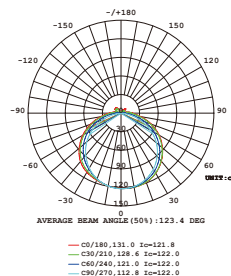
LB8000-ING-ST-AL-B-EXTR Bendable Aluminum Extrusion



TECHNICAL DETAILS

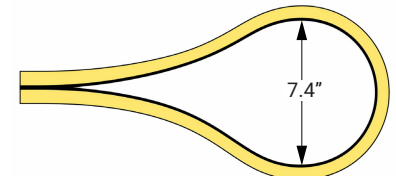
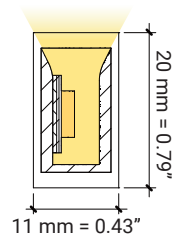
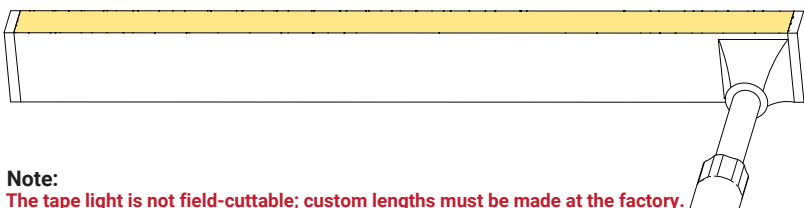
Power	4.57 W/ft
Voltage	24V
CRI	90+
LED Qty	29/ft
Max Run(ft)	16 ft
Dimensions	W0.43" X H0.79"
Working Temp	-4°F to 104°F / (-20°C to 40°C)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



DIMENSIONS / For detailed dimensions, please refer to the following page.

MINIMUM BEND DIAMETER: 7.4 in (190 mm)

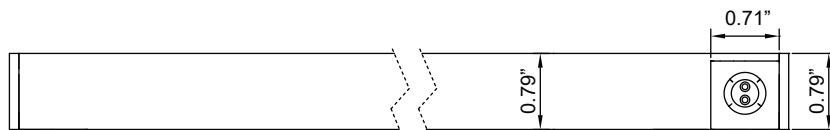


Note:

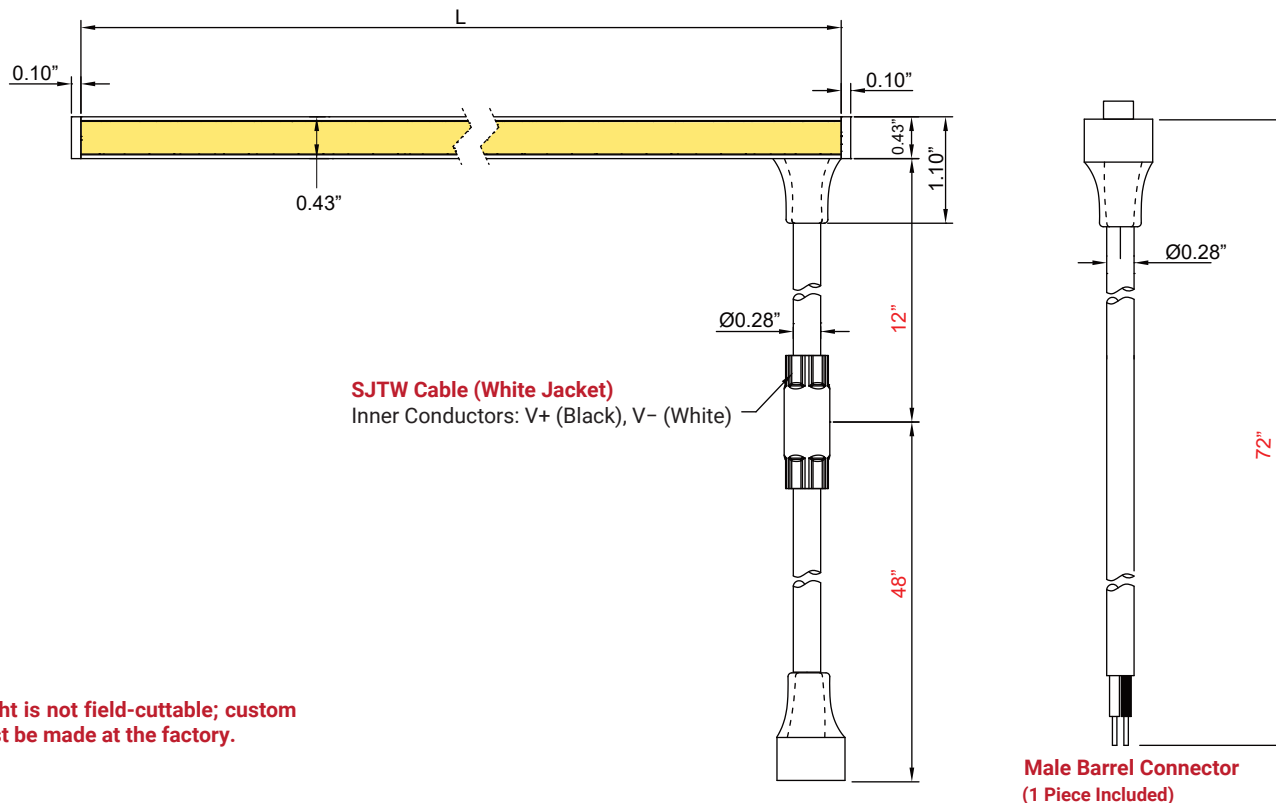
The tape light is not field-cutable; custom lengths must be made at the factory.

DIMENSIONS

Side-View



Front-View



Note:

The tape light is not field-cuttable; custom lengths must be made at the factory.

ORDERING SELECTION

Example: LB8000-ING-ST-4.5W-16F-27K-24V

LB8000-ING-ST						
SERIES	WATTAGE	LENGTH	CCT	VOLTAGE	ACCESSORIES	DRIVER
¹ LB8000-ING-ST	4.5W - 4.57W/ft	16F - 16 ft / Roll ² C - Custom	27K - 2700K 30K - 3000K 40K - 4000K	24V - 24V	LB8000-ING-ST-AL-BR - Aluminum Bracket LB8000-ING-ST-AL-EXTR - Aluminum Extrusion LB8000-ING-ST-AL-B-EXTR - Bendable Aluminum Extrusion	Refer to the next pages for available options.

³ CONTROLLERS

LB-2830A - RF Single Color Controller
LB-2833N-K5-MONO - RF Single Color Dimmer
LED25W-24 - Power Supply
LB-1009EAWI - RF+WiFi Receiver

1-The tape light comes with a standard 60" female barrel connector with anti-wicking, attached to the bottom side of one end. A separate 72" male barrel connector is included.
2-The tape light is not field-cuttable; custom lengths must be made at the factory.
3-The LED Drivers, controllers, and receivers are not IP rated.

Static White / Wall Controller (RF Signal)

This solution enables the strip light to function with a wall controller (RF signal). It includes the following components:

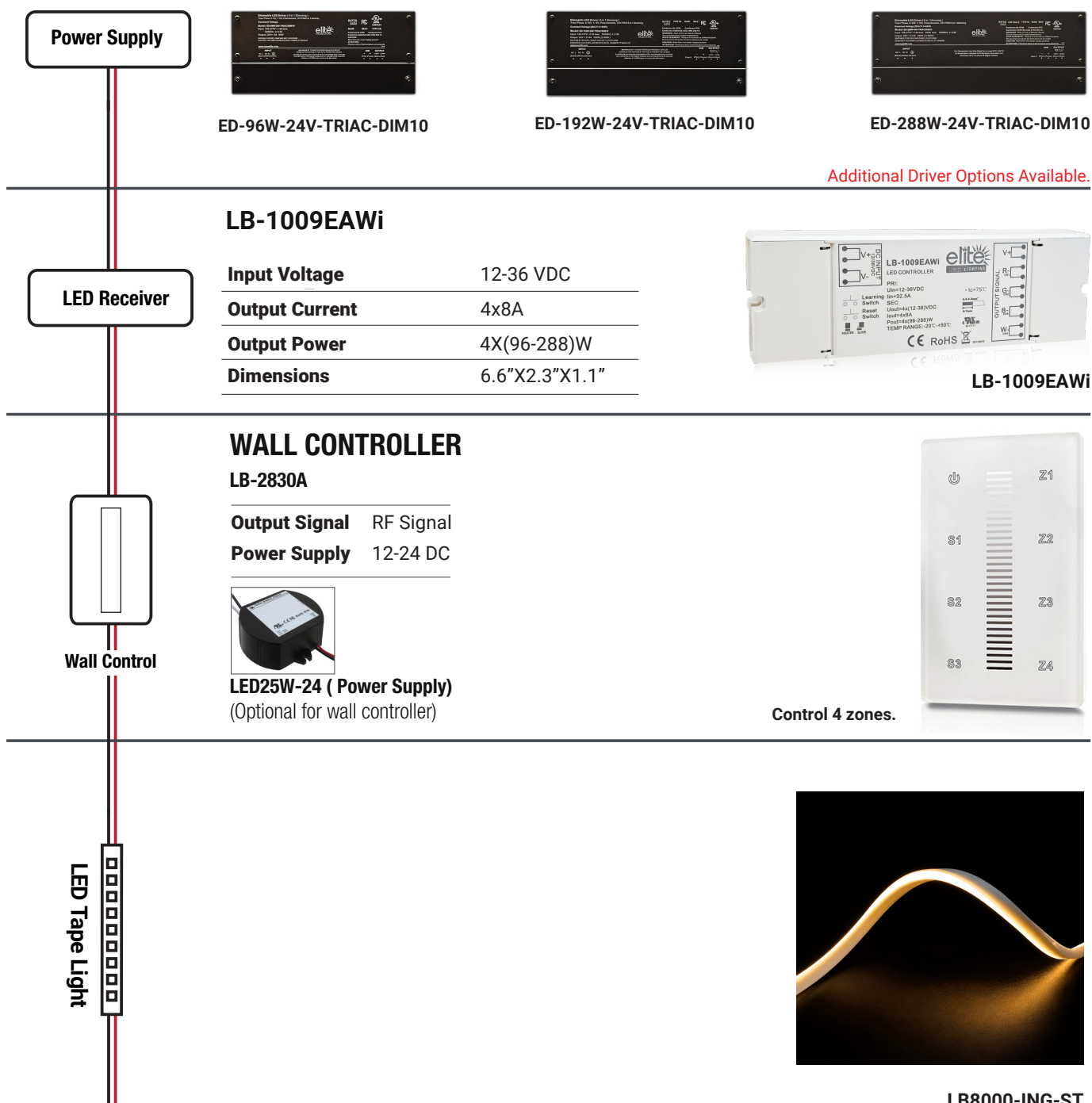
Driver – Powers the strip light.

Receiver – Receives RF signals from the wall controller to control the strip light.

Wall Controller (RF Signal) – Used to control the strip light remotely.

LED25W-24 Power Supply – Connected to the wall controller to convert the 120V AC from the wall outlet to 24V DC, which is necessary for the controller to function.

This configuration ensures proper power conversion and signal reception for LED strip operation.



Static White / Wall Dimmer Controller (RF Signal)

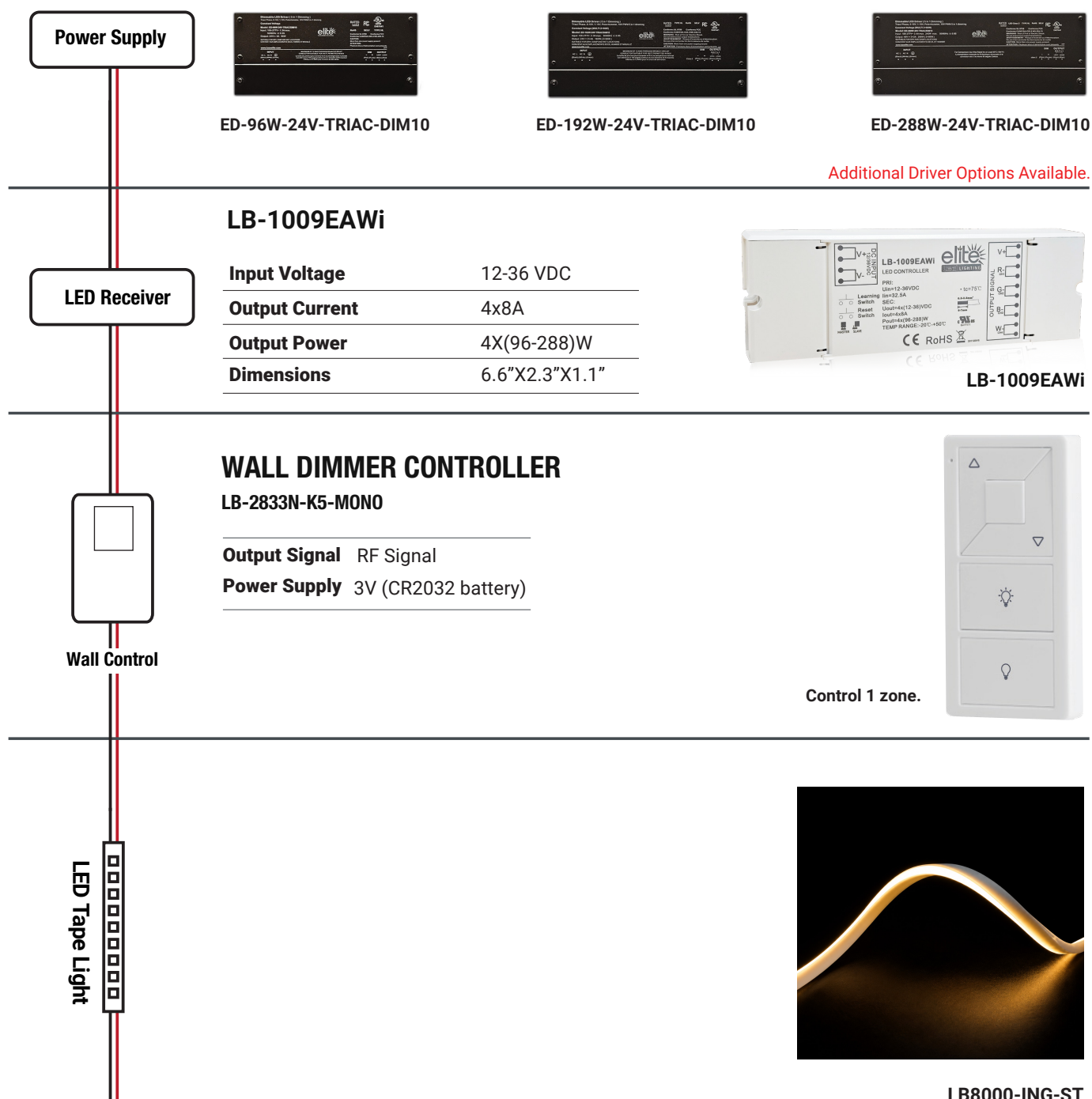
This solution enables the strip light to function with a wall dimmer controller (RF signal). It includes the following components:

Driver – Powers the strip light.

Receiver – Receives RF signals from the wall dimmer controller to control the strip light.

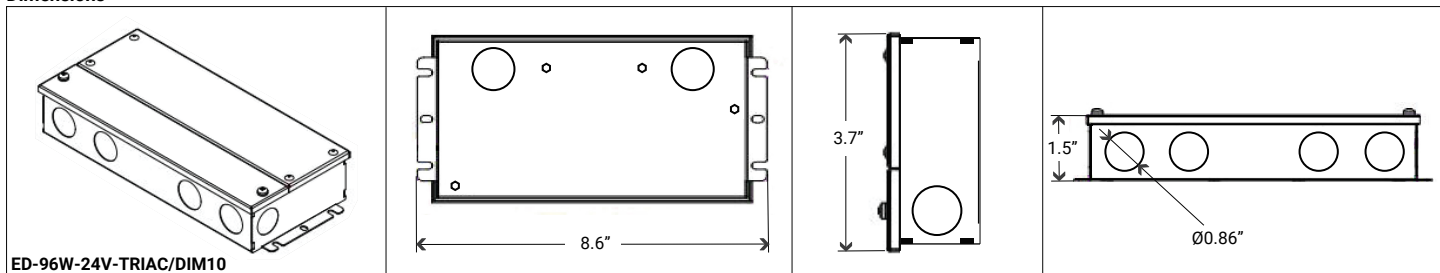
Wall Dimmer Controller (RF Signal) – Used to control the strip light remotely, powered by a 3V CR2032 battery.

This configuration ensures proper power conversion and signal reception for LED strip operation.

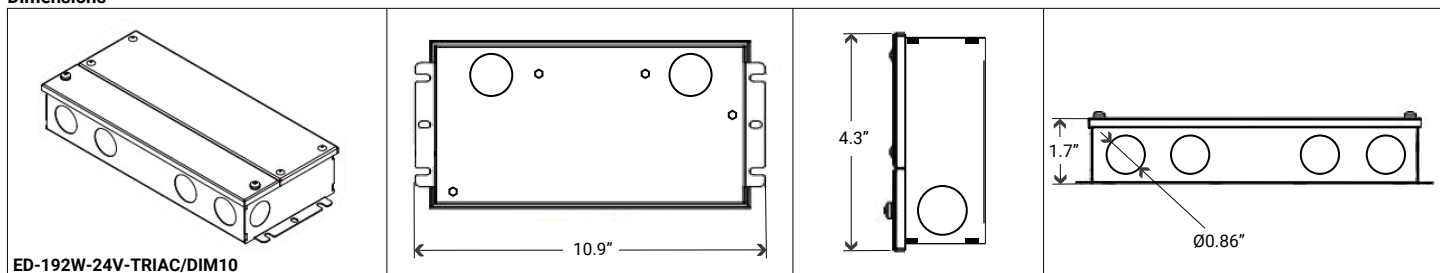


Triac-Phase Cut/Triac ELV/0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable
PN: ED-96W-24V-TRIAC/DIM10

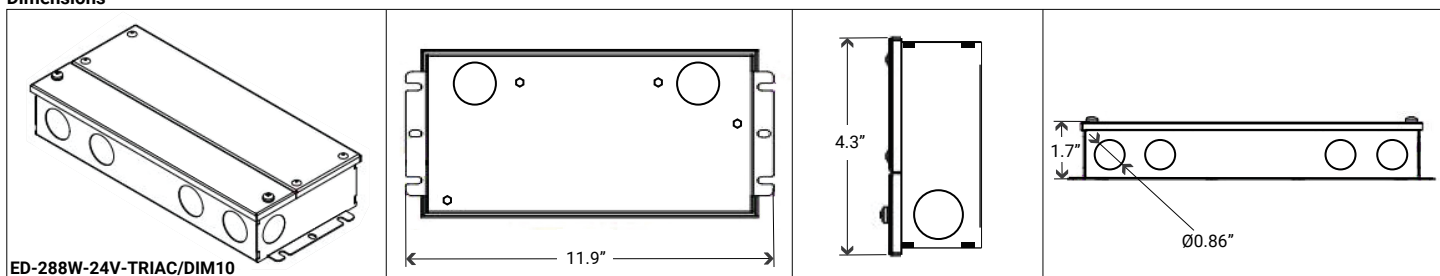
Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-96W-24V-TRIAC/DIM10	100-277VAC	24V	96W	4A	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

Dimensions

PN: ED-192W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-192W-24V-TRIAC/DIM10	100-277VAC	24V	192W	Multi 2X96W	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

Dimensions

PN: ED-288W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-288W-24V-TRIAC/DIM10	100-277VAC	24V	288W	Multi 3X96W	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

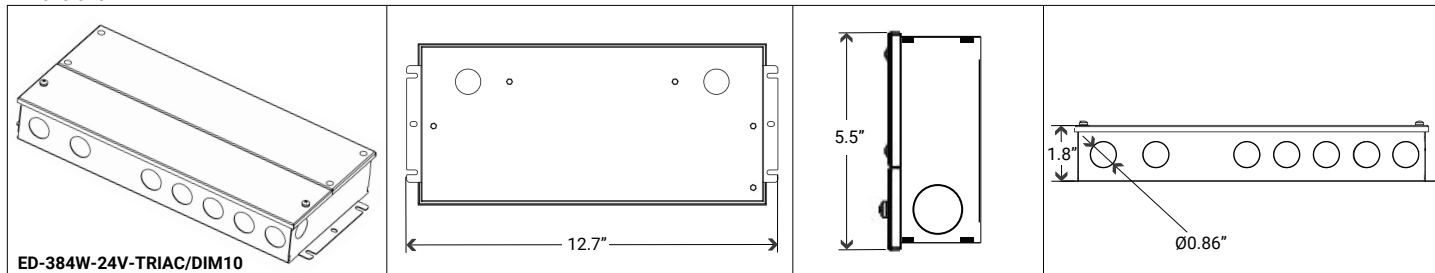
Dimensions


Triac-Phase Cut/Triac ELV/0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable

PN: ED-384W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-384W-24V-TRIAC/DIM10	110-277VAC	24V	384W	Multi 4X96W	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, Class 2, RoHS

Dimensions



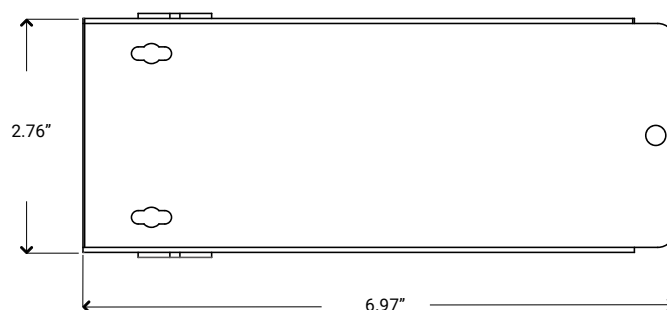
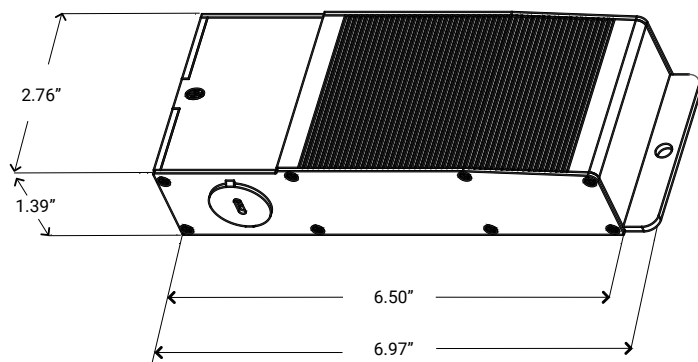
Constant Voltage TRIAC Dimmable Driver

PN:HBL096-AW-24-DA

Model	Input Voltage	Output Voltage	Wattage	Rated Current	Frequency	Location	Certificate
HBL096-AW-24-DA	120-277VAC	24VDC	96W	4A	50/60Hz	Dry or Damp location	ETL, Class 2

TRIAC Dimming for 120VAC / Non-Dimming for 277VAC

DIMENSIONS

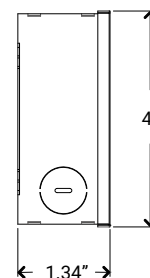
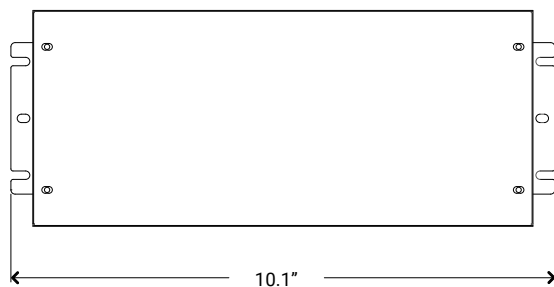


PN:HBL150-AW-24-DI

Model	Input Voltage	Output Voltage	Wattage	Rated Current	Location	Certificate
HBL150-AW-24-DI	120-277VAC	24VDC	150W	6.25A	Dry or Damp location	ETL, Class P

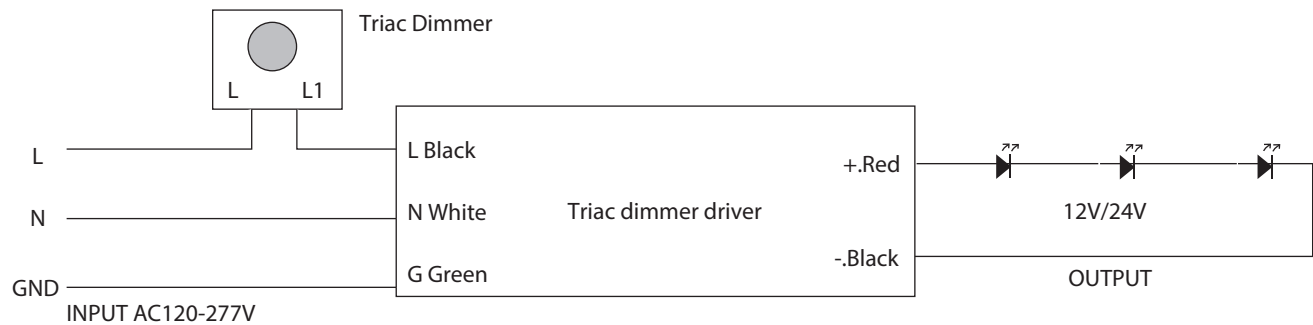
TRIAC Dimming for 120VAC / Non-Dimming for 277VAC

DIMENSIONS



Constant Voltage TRIAC Dimmable Driver

Connecting Diagram



Dimmer Compatible Chart

Brand	Series	Model	Load	Dimmability
Lutron	Ariadni	AYCL-153P	150W	10%-100%
	Diva	DV-600PR	600W	1%-100%
	Diva	DVCL-153P	150W	10%-100%
	Maestro	MACL-153MH	600W	10%-100%
	Maestro Wireless	MRF2-6CL	150W	10%-100%
	Rotary	D-600P	600W	10%-100%
	Electronic(ELV)	NTELV-300P	600W	10%-100%
	Skylark	S-600P	600W	10%-100%
	Skylark Conytour	CT-600P	600W	1%-100%
	Skylark Conytour	CTCL-153P	150W	10%-100%
	Toggler	TG-600P	600W	10%-100%
	Toggler	TCCL-153P	150W	10%-100%
Leviton	Sureslide	6633	600W	10%-100%
	Sureslide Decora	6674	600W	20%-100%
	Trimatron	6602	600W	20%-100%
	ILLVMATECH	IPL06	600W	1%-100%
Legrand	Adorne	ADTP703TU	700W	20%-100%
	Harmony	H703PTW	700W	10%-100%
Cooper	Aspire	9540	1000W	10%-100%
	Devine	DAL06P	300W	10%-100%



LB-2830A RF Single Color Controller

- Ultra-sensitive, high-strength glass touch panel features a color line for accurate, fast, and precise brightness control.
- Control 4 different zones separately or synchronously with endless receivers in each zone.
- Save 3 brightness or scenes for each zone.
- 256-level brightness adjustment for each white.
- Receivers can work with WiFi-RF converter after installing "Easylighting" app on IOS and android systems.

TECHNICAL DETAILS

Output Signal	RF Signal
Power Supply	12-24 VDC
Power Consumption	<20 mA
Operating Temperature	0-40°C / 32°F-104°F
Dimensions	4.7"X2.9"X1.1"
Mounting	Wall Mount
Color	White

Certifications	FCC / RoHS
Zones	4
Frequency	916.5MHz
Surface	Glass
Control	Single Color
Warranty	5-Year Limited Warranty



LB-2833N-K5-MONO Single Color Dimmer

RF wireless Single Color Remote can control 1 zone of receiver. This single color controller is compatible with all universal series RF receivers. **One receiver can be paired with a maximum of 8 remote controllers.** This device contains a button lithium battery that should be stored and disposed of properly. **DO NOT expose the device to moisture.**

TECHNICAL DETAILS

Output Signal	RF Signal
Power Supply	3V (CR2032 battery)
Operating Temperature	0-40°C / 32°F-104°F
Dimensions	2.5"X1.2"X0.35"
Color	White

Certifications	FCC / RoHS
Zones	Control 1 Zone of receiver
Frequency	916.5MHz
Rated	IP20
Warranty	5-Year Limited Warranty



LB-1009EAWI RF+WiFi Receiver/LED Controller 4Channels

The RGBW controller LB-1009EAWI is a 12-36 VDC constant voltage RF and WiFi controller with 4 channel output, offering 8A per channel. It is compatible with a variety of RF remotes and apps installed on iOS and Android systems, enabling control of single-color, dual-color LEDs, and RGBW LEDs.

Multiple zones can be controlled separately or synchronously with endless receivers in each zone. Built-in changing patterns are available and can be saved to each zone. The brightness of each R, G, B, W channel can be adjusted separately to achieve millions of changing colors.

Thanks to the built-in WiFi to RF module, a significant advantage of this WiFi controller is its compatibility with RF remotes and apps on iOS and Android systems directly, without the need for a WiFi-RF converter.

A free app is available (Easylighting) from the App Store and Google Play. Simply download it on your iOS or Android device, then search and connect your mobile device WLAN to the WiFi controller network.

TECHNICAL DETAILS

Input Voltage	12-36 VDC
Output Current	4x8A
Output Power	4x(96-288)W
Dimensions	6.6"X2.3"X1.1"

Frequency	869.5/916.5/434mhz
Certifications	FCC / RoHS
Color	White
Warranty	5-Year Limited Warranty



LED25W-24 (Power Supply) Optional for Wall Controller

Total Power: 25 Watts
Input Voltage: 100-277 VAC
UL Dry & Damp Location Rated
IP66
High Efficiency
High Power Factor
Analog Dimming (0-10V)
Black Magic Thermal Advantage, Plastic Housing