



**FEATURES**

The LB8000-16-DB-BK-RGB Black-Jacketed Dual-Bend Flex Neon LED Strip Light is a durable, high-performance linear lighting solution designed for both indoor and outdoor applications. Its dual-bend construction allows for both top and side-bending, enabling easy installation on flat, curved, or complex surfaces. The black jacket makes it especially well-suited for applications with dark materials and finishes.

When paired with Elite Lighting's decoders and controllers, users gain precise control over their lighting environments, enabling dynamic color effects and immersive atmospheres.

Rated IP67 and IK06, it is ideal for architectural, decorative, and functional lighting in both residential and commercial environments. Typical applications include outdoor and wet locations, decorative lighting, and architectural accents.

Max run up to 16 ft

Indoor-Outdoor/Wet Location (IP67)

Top and Side Bend / 90° Beam Angle

Average lifetime: L70 > 60,000 hours, reported

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

Color Temp.	4.3 W/ft
Red	4.3 lm/ft
Green	11.9 lm/ft
Blue	2.1 lm/ft
RGB	18.3 lm/ft

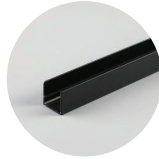
**MOUNTING TRACK**

**LB8000-16-BAT-BK**



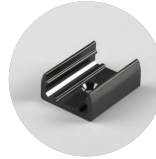
Bendable Aluminum Track  
3.2 ft Length

**LB8000-16-FL-CH-BK**



Flangeless Channel  
3.2 ft Length

**LB8000-16-AL-CL-BK**



Aluminum Clip

**LB8000-16-PCG-CLIP-BAG**



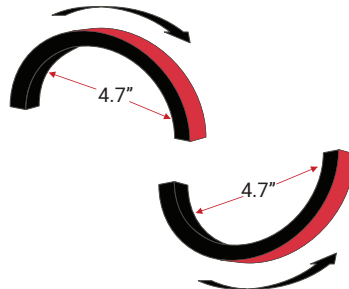
PC Mounting Clip / 50 clips per bag

**TECHNICAL DETAILS**

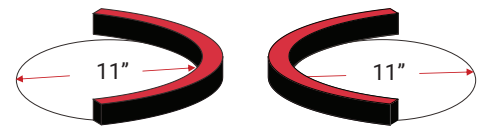
Power	4.3 W/ft
Voltage	24V
LPW	4.3 lm/W
IP	IP67
LED Qty	36/ft
Max Run(ft)	16 ft
Cutting Length	Every 1.97" / (field cuttable)
Dimensions	W0.63" x H0.63"
Working Temp.	-4°F +113°F / -20°C +45°C

**BEND DIAMETER**

**Top-Bend**



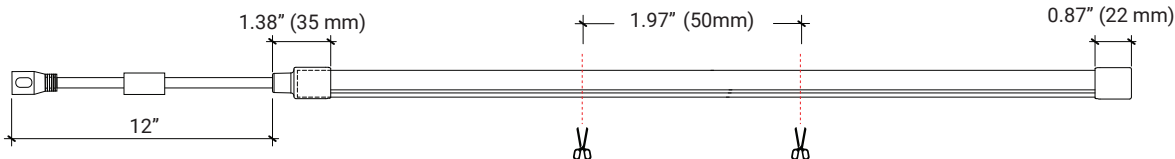
**Side-Bend**



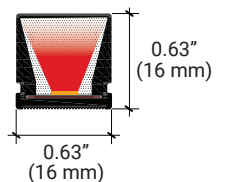
Do not bend the Flex-Neon tape light beyond its specified bending diameter, as this may cause damage and will not be covered under warranty.

**DIMENSIONS**

Side View

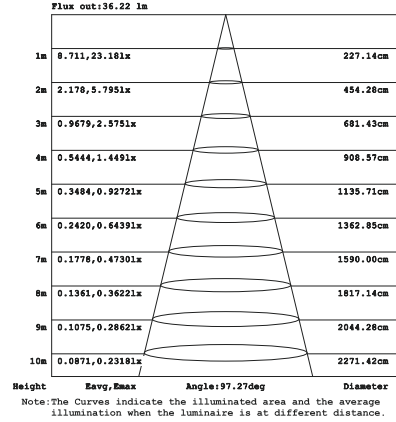
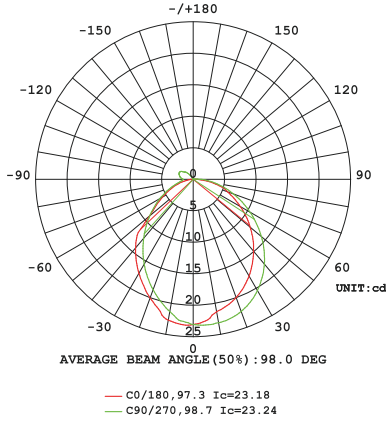


Sectional View



The tape light comes with a 12-inch standard length female barrel connector with anti-wicking, attached to one side, along with an accessory kit.

## Luminous Intensity Distribution Diagram



## ACCESSORIES

**LB8000-16-ECG-BK**  
(2 End caps included)



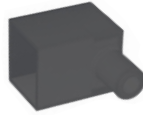
Silicone end cap  
L 0.87" x W 0.74" x H 0.74"

**LB8000-16-EC-PFG-BK**  
(2 End caps included)



Silicone end cap power feed  
L 1.38" x W 0.71" x H 0.71"

**LB8000-16-EC-PF-BFG-BK**  
(2 End caps included)



Silicone end cap side bottom power feed  
L 1.18" x W 0.71" x H 0.79"

**WL-BCF-4PG-BK**  
(1 Piece included)



Female barrel connector with anti-wicking ferrule  
12" Length

**WL-BCM-4PG-BK**  
(2 Pieces included)



Male barrel connector  
72" Length

## ORDERING SELECTION

Example: LB8000-16-DB-BK-RGB-4.3W-16F-24V



SERIES	WATTAGE	LENGTH	VOLTAGE	ACCESSORIES	DRIVER
LB8000-16-DB-BK-RGB	4.3W - 4.3W/ft	16F - 16 ft Roll C - Custom <i>1 (Cutting length every 1.97")</i>	24V - 24V	<b>LB8000-16-BAT-BK</b> - Bendable AL. Track 3.2 ft Length <b>LB8000-16-FL-CH-BK</b> - Flangeless AL. Channel 3.2 ft Length <b>LB8000-16-AL-CL-BK</b> - Aluminum Clip <b>LB8000-16-PCG-CLIP-BAG</b> - PC Mounting Clip / 50 clips per bag <b>LB8000-16-ECG-BK</b> - Silicone End Cap <b>LB8000-16-EC-PFG-BK</b> - Silicone End Cap/power feed <b>LB8000-16-EC-PF-BFG-BK</b> - Silicone end cap/side bottom power feed <b>WL-BCF-4PG-BK</b> - Female Barrel Connector 12" Length <b>WL-BCM-4PG-BK</b> - Male Barrel Connector 72" Length <b>KIT-ACC-LB8000-16-DB-BK-RGB</b> - Accessory Kit (INCLUDED)	Refer to the next pages for available options.

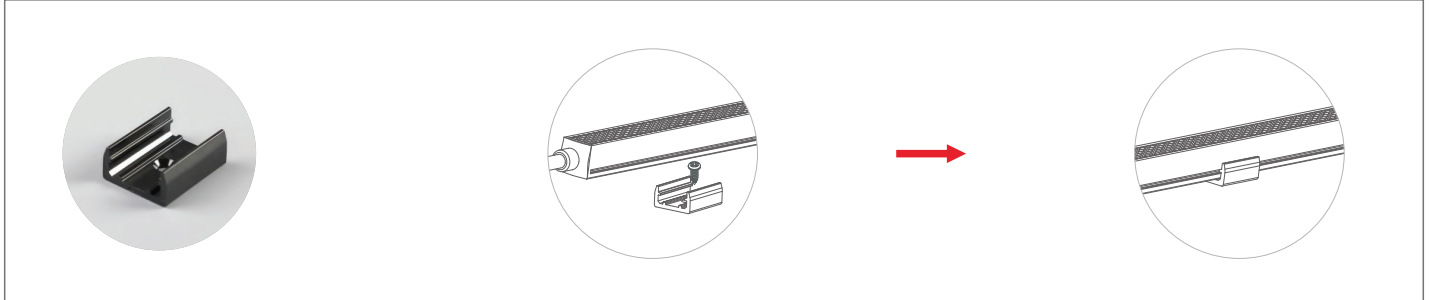
### CONTROLLERS

- LB-2812Wi** - Wall Controller
- LB-2820US** - Wall Controller
- LB-2819S** - Remote Controller
- LB-2833N-K5-RGBW** - Wall Dimmer
- LED25W-24** - Power Supply
- LB-2108B-M6-5** - DMX Decoder Wired
- LB-1009EAWI** - RF DMX Decoder
- LB-2108-24-96CVF-UL** - DMX Decoder Wired
- LB-2817DMX** - DMX Converter
- LIN100M1** - Eldo LED Driver

**1. When cutting in the field, wiring accessories must be sealed with UV glue and cured using UV light to achieve an IP65 rating. For optimal results, we recommend customizing the lengths at the factory, as cutting the tape light in the field may damage the IP67-rated protection.**

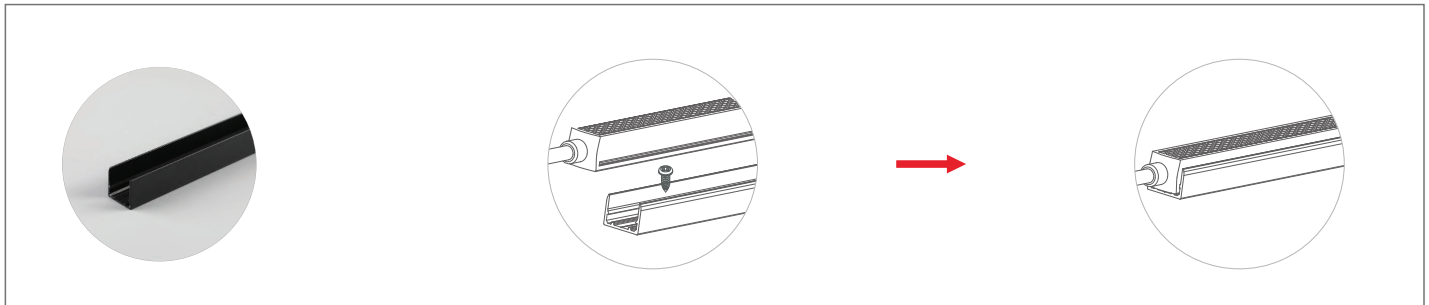
## Mounting Track Installation

### LB8000-16-AL-CL-BK Aluminum Clip



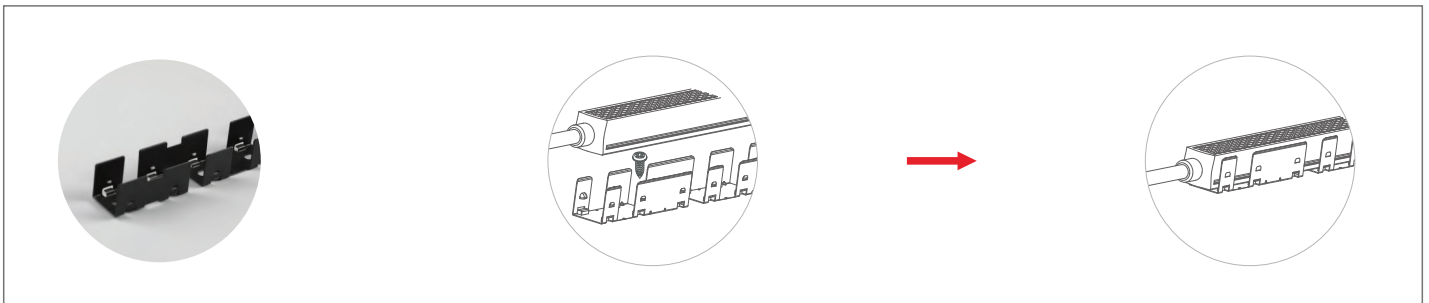
Mounting clips are secured using screws. For optimal alignment and straight installation, it is recommended to install an aluminum mounting clip every (1 ft) to maintain a clean, linear appearance and prevent waviness.

### LB8000-16-FL-CH-BK Flangeless Channel



The flangeless aluminum channel is secured using screws. For optimal alignment and straight installation, it is recommended to install a flangeless aluminum channel every (3 ft) to maintain a clean, linear appearance and prevent waviness.

### LB8000-16-BAT-BK Bendable Aluminum Track



The bendable aluminum track is secured using screws. For smooth curves and proper installation, it is recommended to install a bendable aluminum track every (1 ft) to maintain a clean, continuous appearance.

## RGB / Wall Controller (RF Signal)

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

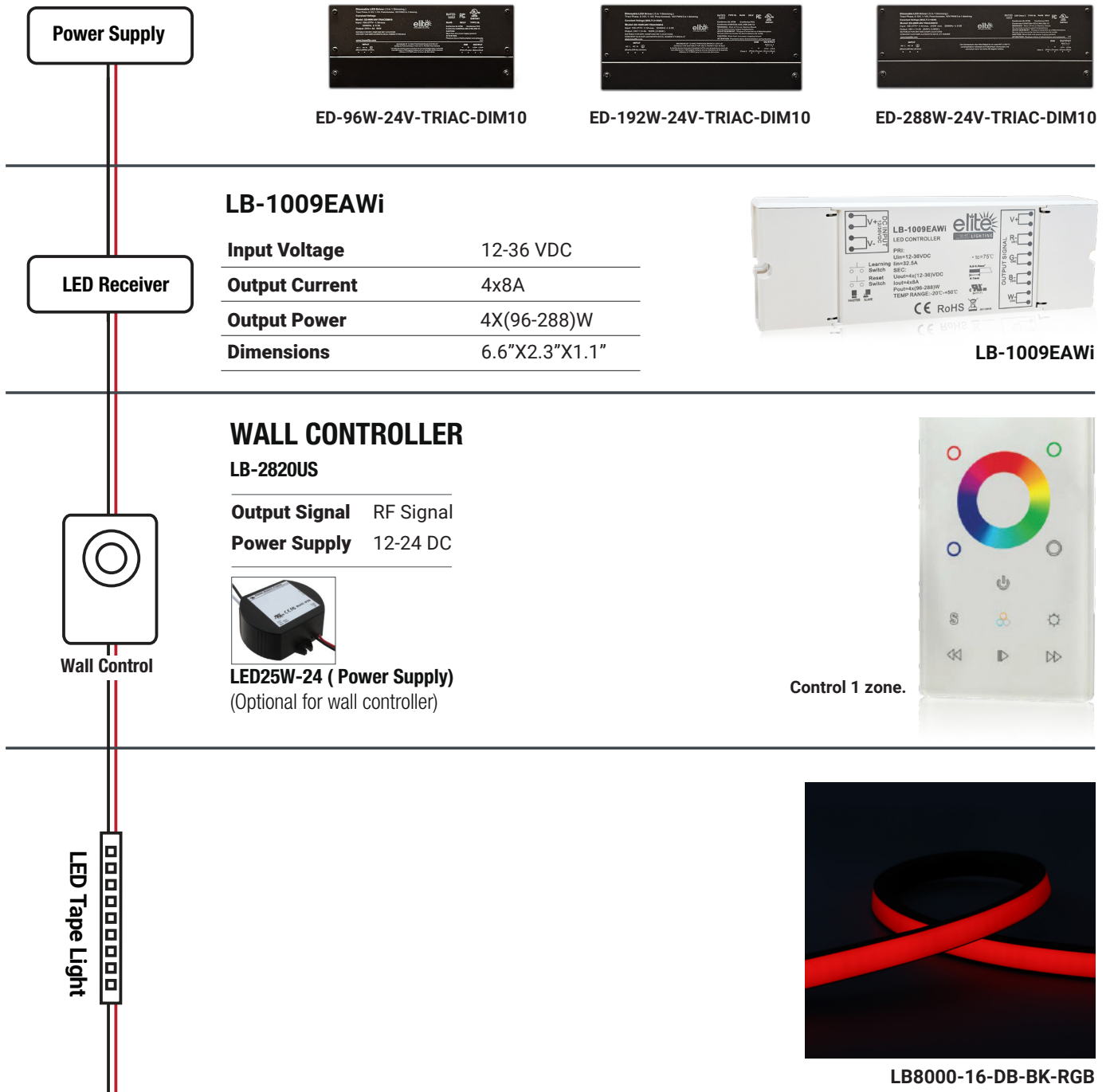
**Driver** – Powers the RGB strip light.

**Receiver** – Receives 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 seamless control of the RGB strip light while maintaining the necessary power conversion and signal reception.



## RGB / Remote Controller (RF Signal)

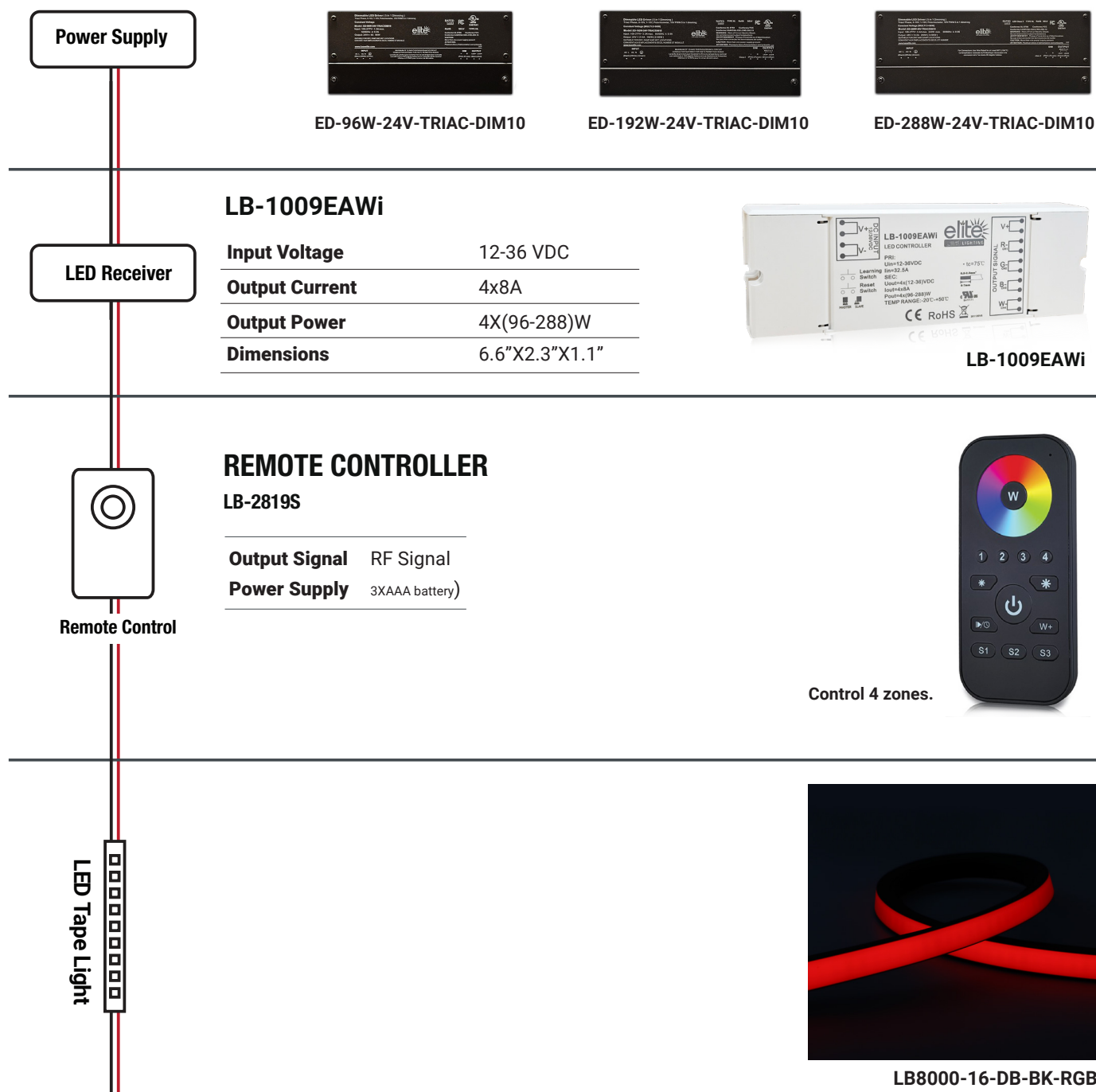
This solution enables the RGB strip light to function with a remote controller (RF signal). It includes the following components:

**Driver** – Powers the RGB strip light.

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

**Remote Controller (RF Signal)** – Used to control the strip light remotely, powered by 3-AAA batteries.

This configuration ensures seamless control of the RGB strip light while maintaining the necessary signal reception.



## RGB / Wall Dimmer Controller (RF Signal)

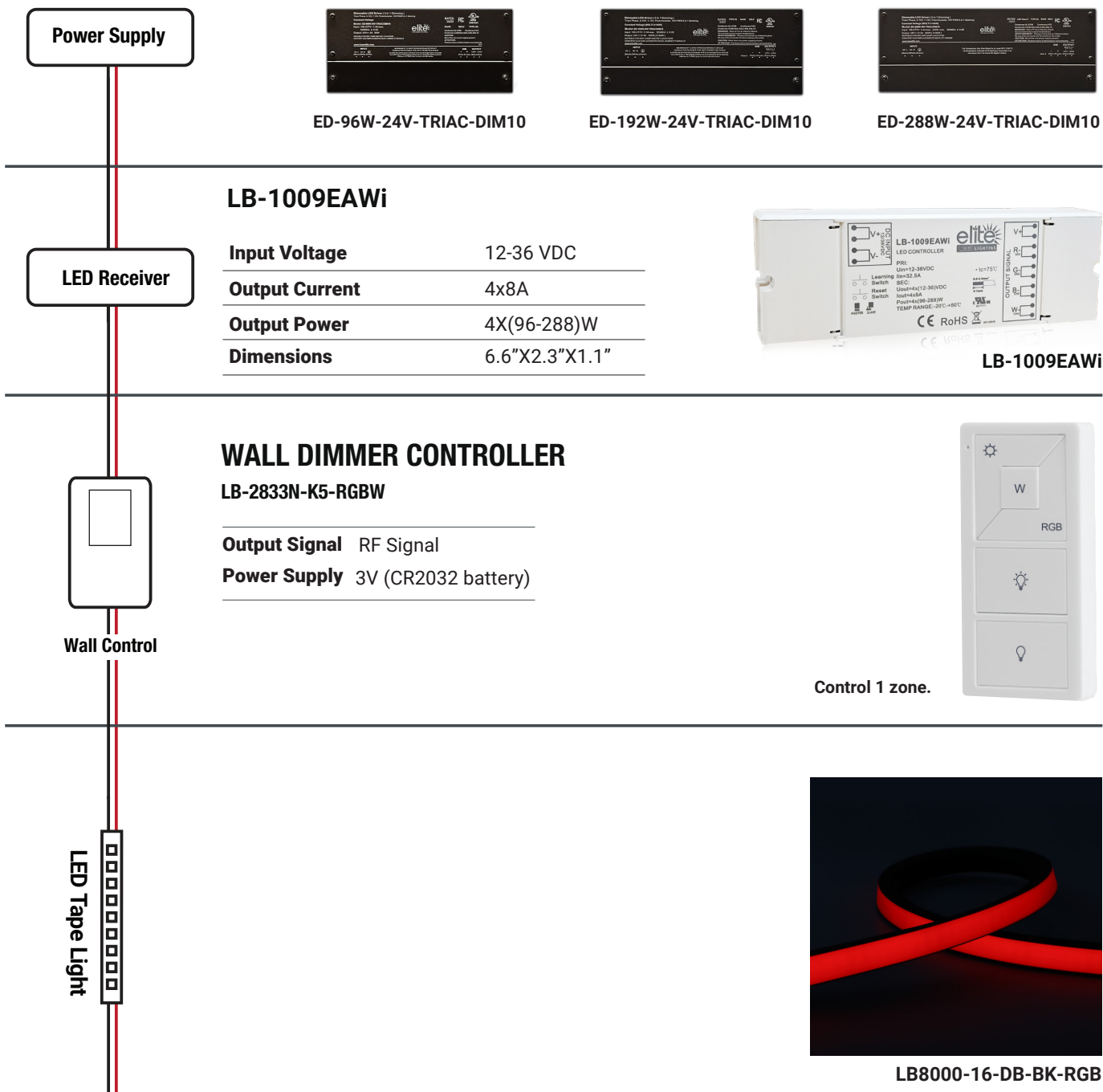
This solution enables the RGB strip light to function with a wall dimmer controller (RF signal). It includes the following components:

**Driver** – Powers the RGB strip light.

**Receiver** – Receives 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 seamless control of the RGB strip light while maintaining the necessary signal reception.



### RGB / DMX Wired

This solution enables the RGB strip light to function with a wired DMX system. It includes the following components:

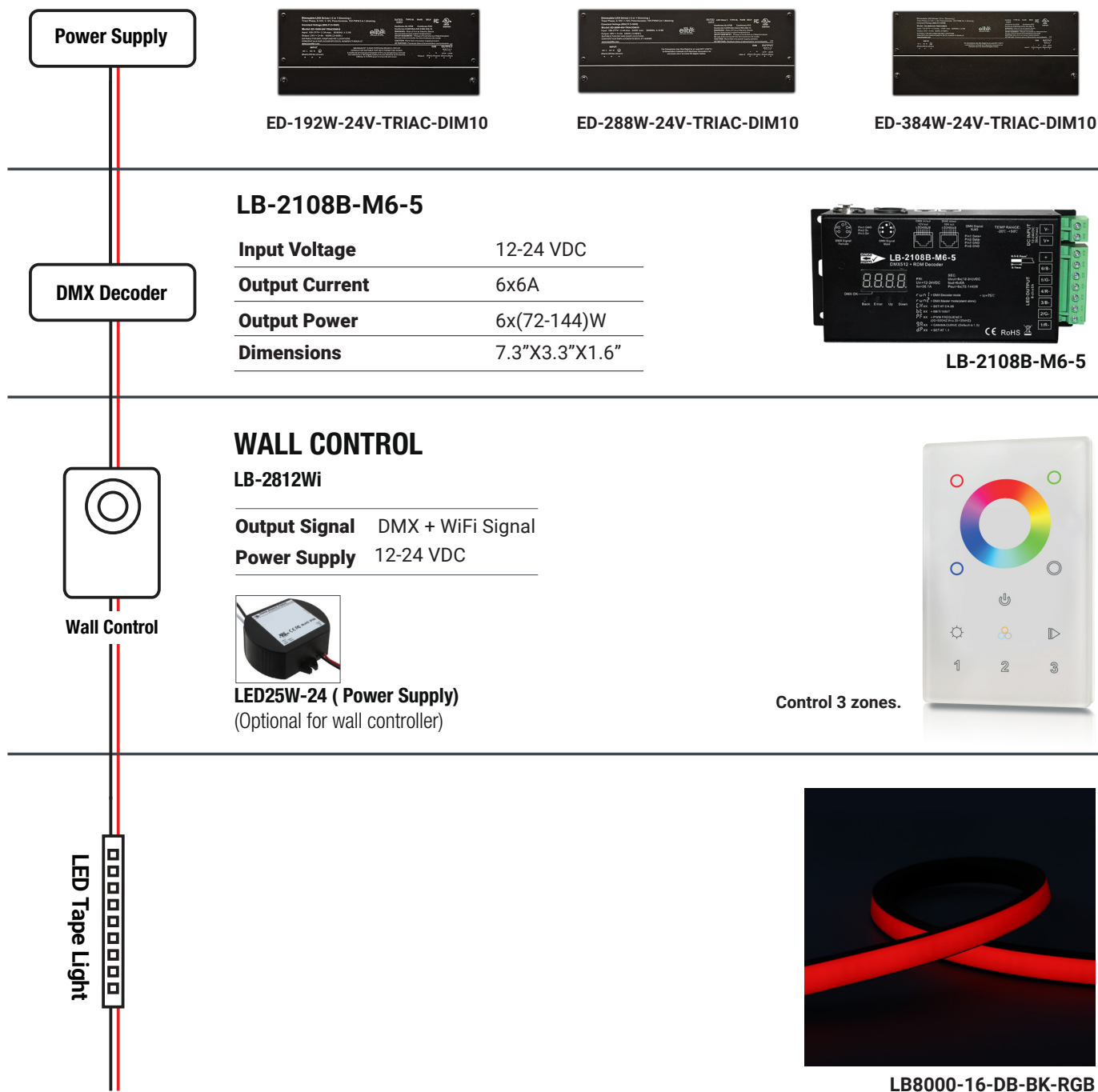
**Driver** – Powers the RGB strip light.

**DMX Decoder** – Receives the DMX signal (via a wired connection) and converts it into control signals for the RGB strip light, adjusting the color and brightness.

**Wall Controller** – Sends the DMX signal to the DMX decoder, remotely controlling the RGB strip light via a wired connection.

**LED25W-24 Power Supply** – Connected to the wall controller, this power supply converts the 120V AC from the wall outlet into 24V DC, which is necessary for the controller to function.

This configuration ensures precise, wired DMX control over the RGB strip light, enabling full control of the light's color and brightness, while maintaining proper power conversion and signal reception.



### RGB / DMX (WiFi Signal)

This solution enables the RGB strip light to function with a DMX WiFi system. It includes the following components:

**Driver** – Powers the RGB strip light.

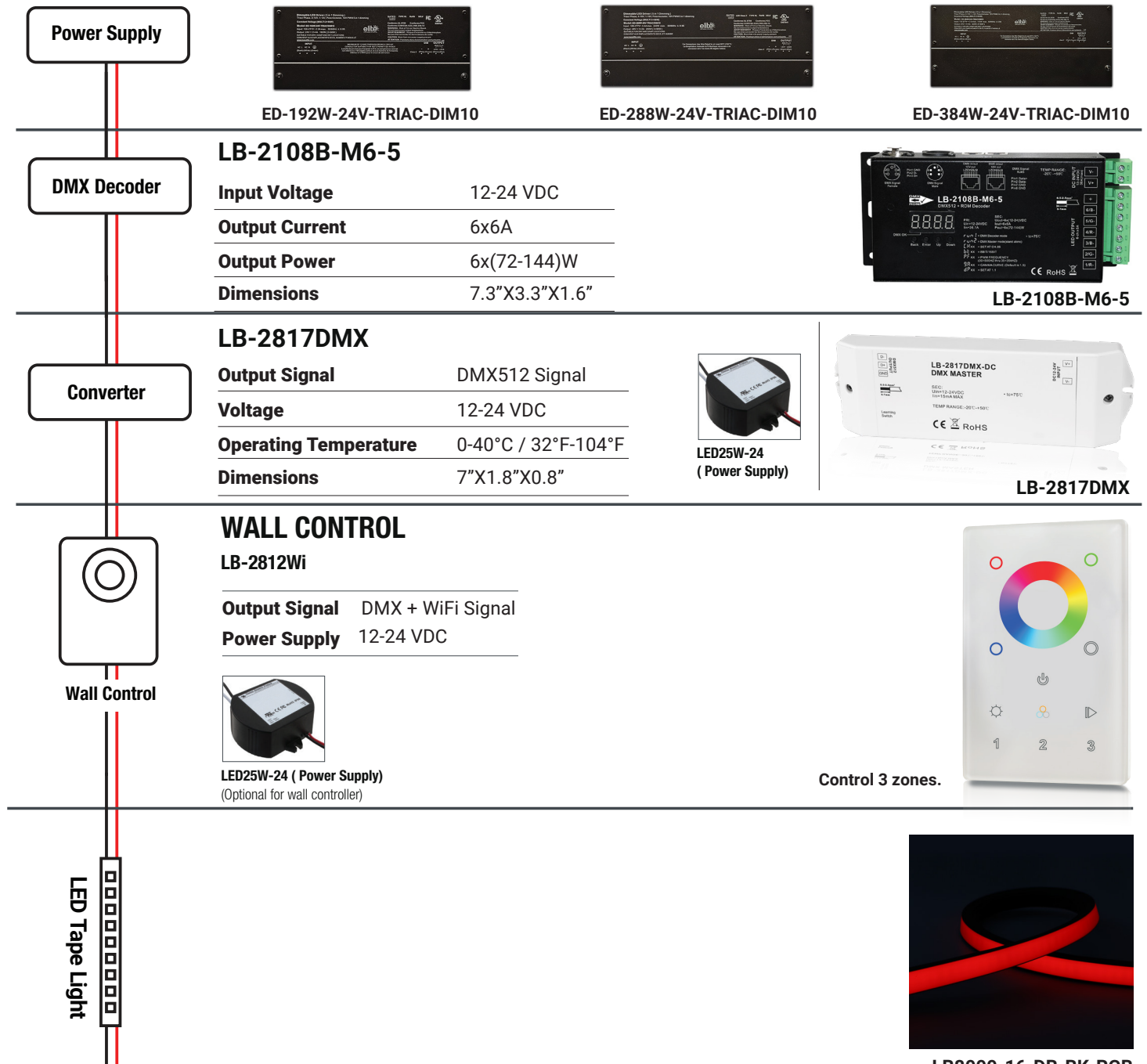
**DMX Decoder** – Receives the DMX signal (via a wired connection) and converts it into control signals for the RGB strip light, adjusting color and brightness.

**Converter** – Wired to the DMX decoder, it processes the signals to ensure proper control of the RGB strip light.

**DMX-WIFI Wall Controller** – Sends the DMX WiFi signal wirelessly to the converter, which then transmits the signal to the decoder and controls the strip light.

**LED25W-24 Power Supply** – Used in multiple locations: one powers the wall controller by converting 120V AC from the outlet to 24V DC, while another powers the converter.

This configuration ensures seamless, remote control of the RGB strip light via the DMX WiFi system, allowing precise adjustments to color and brightness, while maintaining proper power conversion and signal processing across the entire setup.

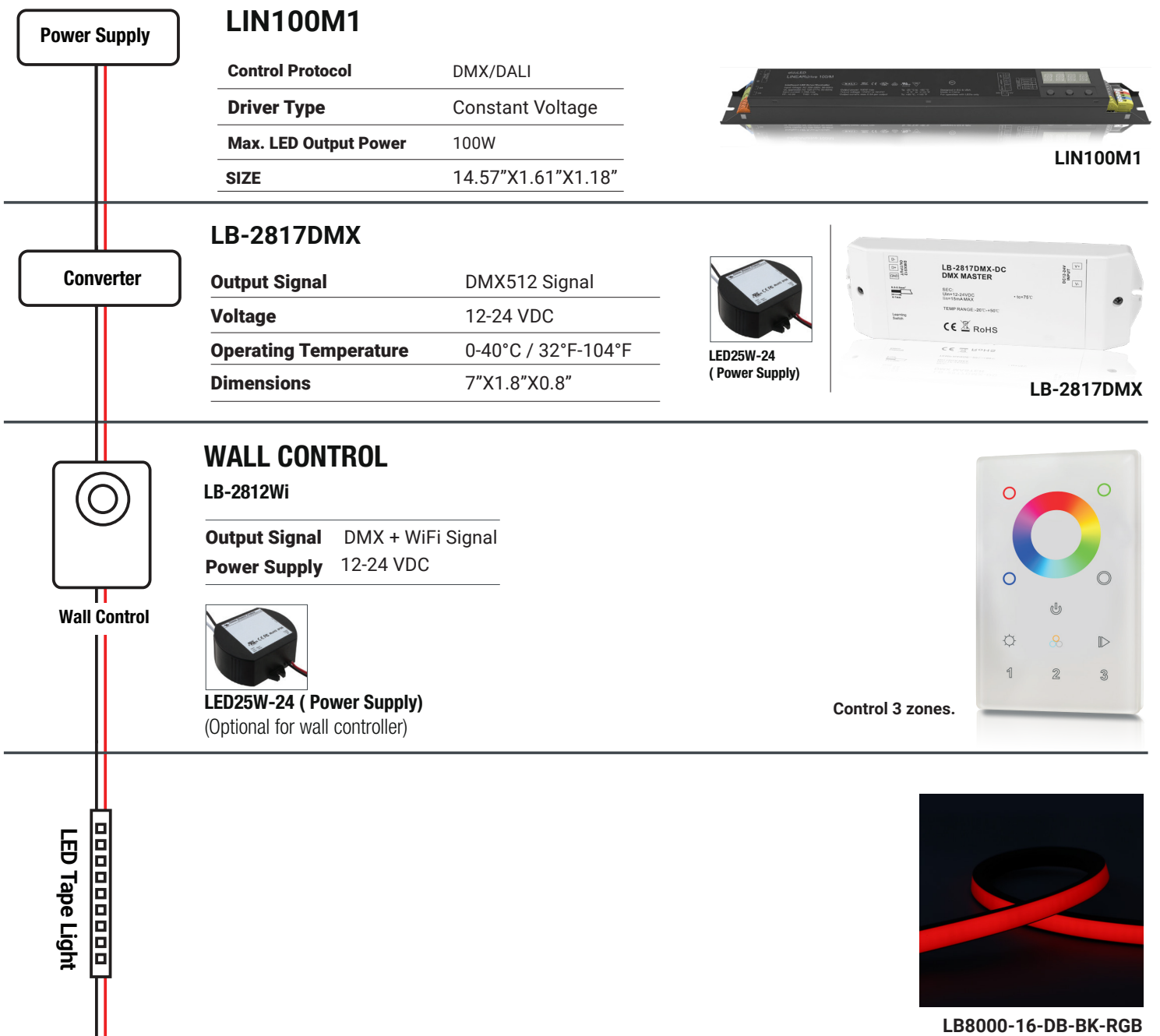


## RGB / ELDOLED AC to DC - (DMX WiFi Signal)

This solution enables the RGB strip light to function with an ELDOLED AC to DC-DMX WiFi system. It includes the following components:

- ELDO LIN100M1 Driver** – Powers the RGB strip light and integrates the DMX decoder, converting the DMX signal to control signals for the strip light to adjust color and brightness.
- Converter** – Wired to the ELDO LIN100M1 Driver, it processes the control signals to ensure proper operation of the RGB strip light.
- DMX-WiFi Wall Controller** – Sends the DMX WiFi signal wirelessly to the converter and ELDO LIN100M1 Driver, enabling remote control of the RGB strip light.
- LED25W-24 Power Supply** – Used in multiple locations: one powers the wall controller by converting 120V AC from the outlet to 24V DC, while another powers the converter.

This configuration ensures seamless, remote control of the RGB strip light through the ELDOLED AC to DC-DMX WiFi system, enabling precise control of color and brightness while maintaining proper power conversion and signal processing throughout the setup.



**LB8000-16-DB-BK-RGB**

## RGB / ELDOLED AC to DC - (DMX Wired)

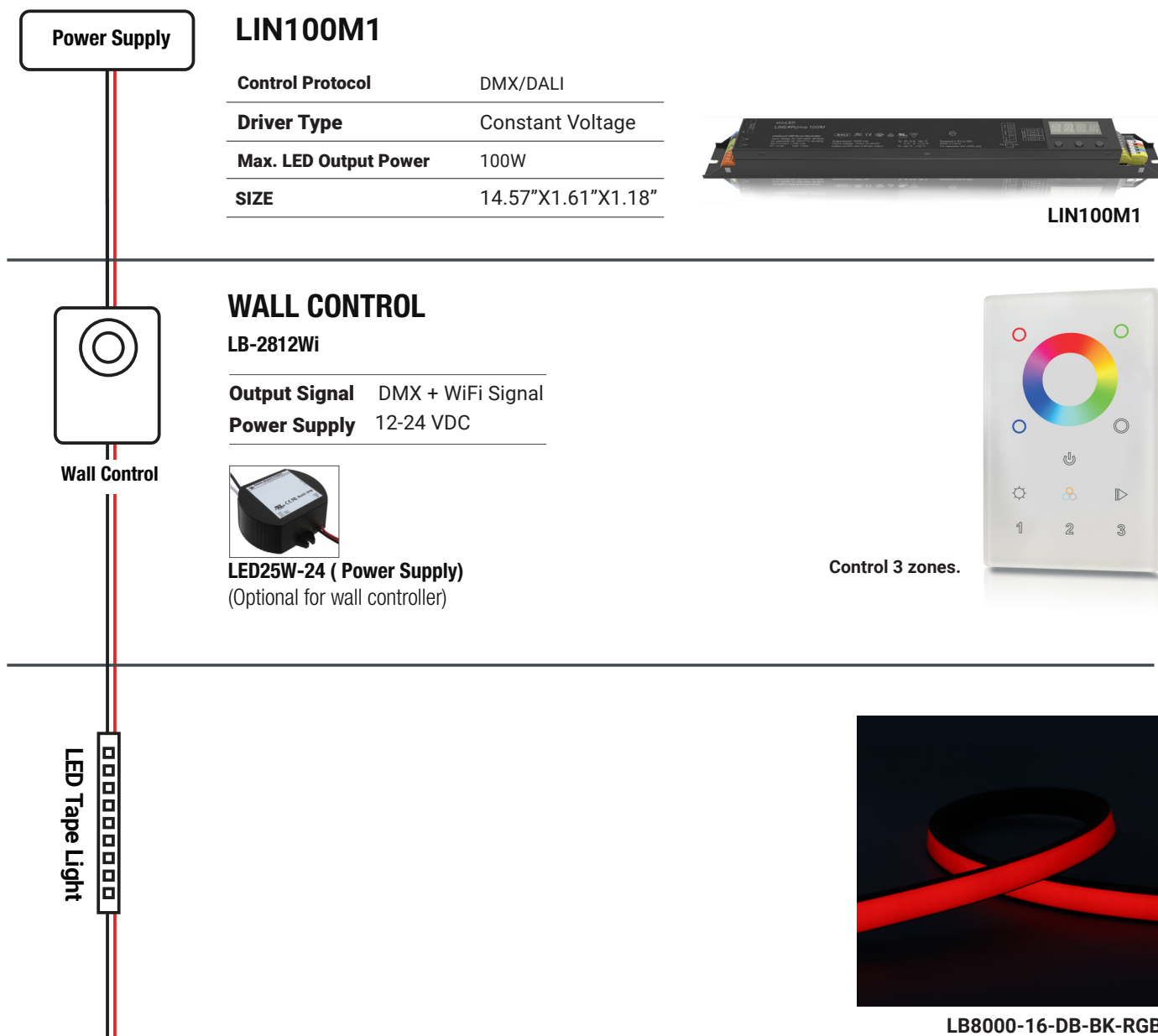
This solution enables the RGB strip light to function with the ELDOLED AC to DC - DMX Wired system. It includes the following components:

**ELDO LIN100M1 Driver** – Powers the RGB strip light and integrates the DMX decoder, converting the DMX signal to control signals for the strip light to adjust color and brightness. This driver is central to the operation of the system.

**DMX Wall Controller** – Wired directly to the ELDO LIN100M1 Driver, it processes and manages the DMX control signals, enabling precise control of the strip light's color and brightness. It ensures that the system responds to the desired adjustments.

**LED25W-24 Power Supply** – provides power to the DMX controller by converting 120V AC from the outlet to 24V DC. The power supply ensures that the controller receives the proper voltage for operation.

This configuration ensures seamless, wired control of the RGB strip light through the ELDOLED AC to DC - DMX Wired system. It allows for precise control of color and brightness while maintaining proper power conversion and signal processing throughout the setup.



### RGB / AC to DC (DMX WiFi)

This solution enables the RGB strip light to function with a DMX512 Dimmable LED Driver AC to DC-DMX WiFi system. It includes the following components:

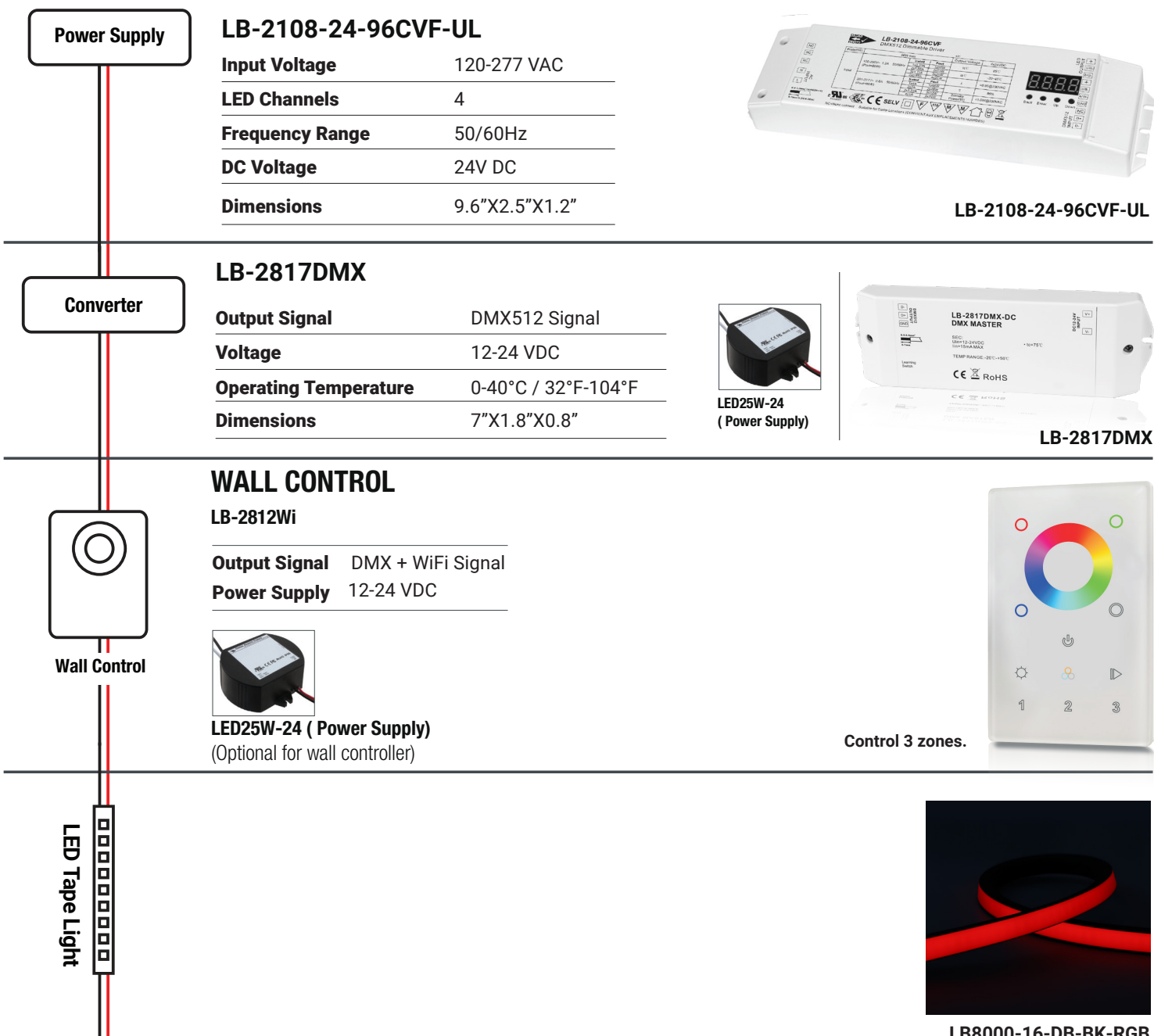
**LB-2108-24-96CVF-UL Driver** – Powers the RGB strip light and integrates the DMX decoder, converting the DMX signal to control signals that adjust the color and brightness of the strip light.

**Converter** – Wired to the LB-2108-24-96CVF-UL Driver, it processes the DMX control signals, ensuring the RGB strip light operates properly, allowing for smooth adjustments to color and brightness.

**DMX-WIFI Wall Controller** – Sends the DMX WiFi signal wirelessly to the converter and the LB-2108-24-96CVF-UL Driver, enabling remote control of the RGB strip light.

**LED25W-24 Power Supply** – Used in multiple locations: one powers the wall controller by converting 120V AC from the outlet to 24V DC, while another powers the converter, ensuring all components receive the proper voltage.

This configuration ensures seamless, remote control of the RGB strip light through the DMX512 Dimmable LED Driver AC to DC-DMX WiFi system, providing precise control over the color and brightness of the strip light, while maintaining proper power conversion and signal processing throughout the system.



## RGB / AC to DC - (DMX Wired)

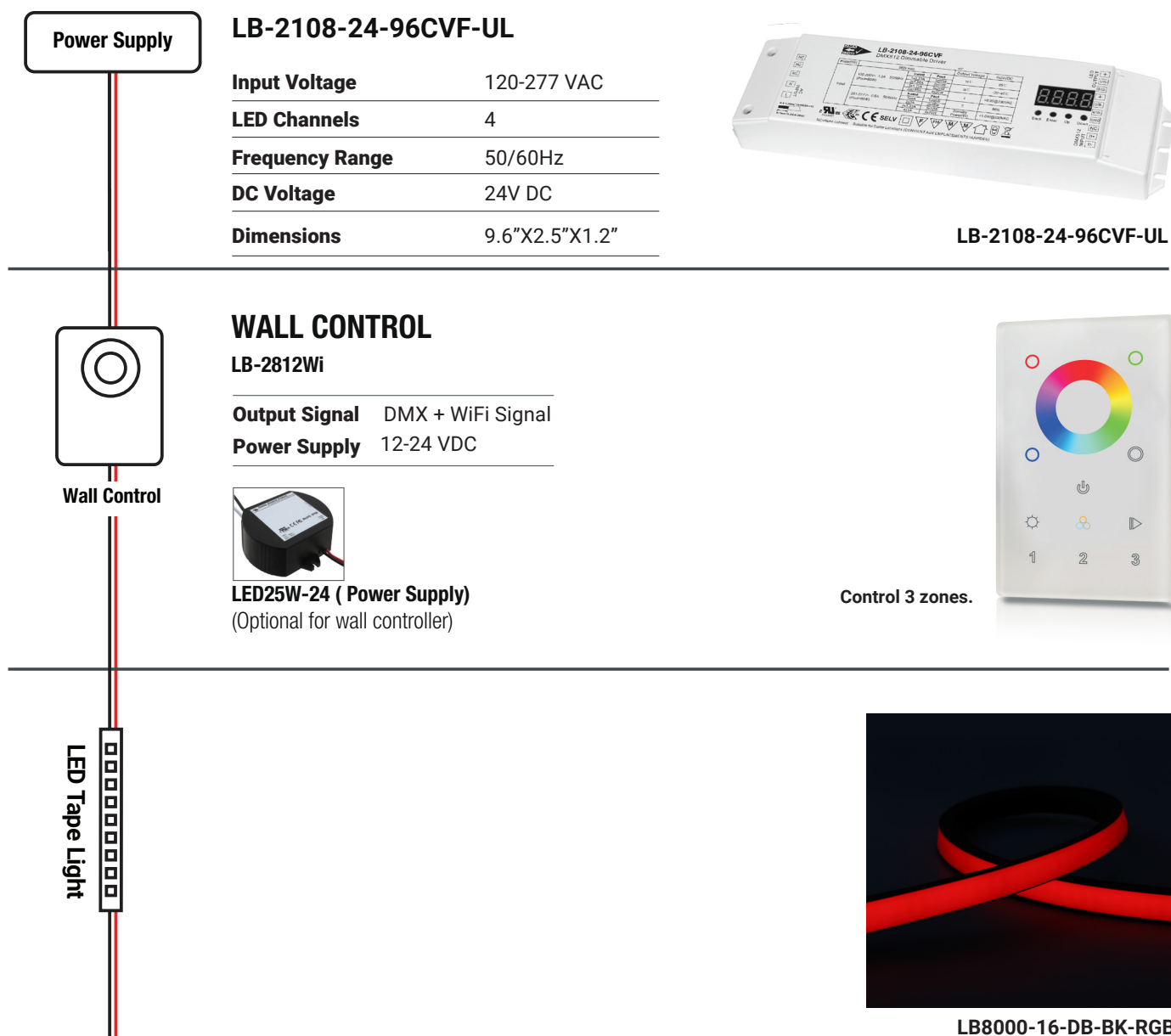
This solution enables the RGB strip light to function with the DMX512 Dimmable LED Driver AC to DC - DMX Wired system. It includes the following components:

**LB-2108-24-96CVF-UL Driver** – Powers the RGB strip light and integrates the DMX decoder, converting the DMX signal to control signals for the strip light to adjust color and brightness. This driver is central to the operation of the system.

**DMX Wall Controller** – Wired directly to the LB-2108-24-96CVF-UL Driver, it processes and manages the DMX control signals, enabling precise control of the strip light's color and brightness. It ensures that the system responds to the desired adjustments.

**LED25W-24 Power Supply** – Provides power to the DMX controller by converting 120V AC from the outlet to 24V DC. The power supply ensures that the controller receives the proper voltage for operation.

This configuration ensures seamless, wired control of the RGB strip light through the DMX512 Dimmable LED Driver AC to DC - DMX Wired system. It allows for precise control of color and brightness while maintaining proper power conversion and signal processing throughout the setup.

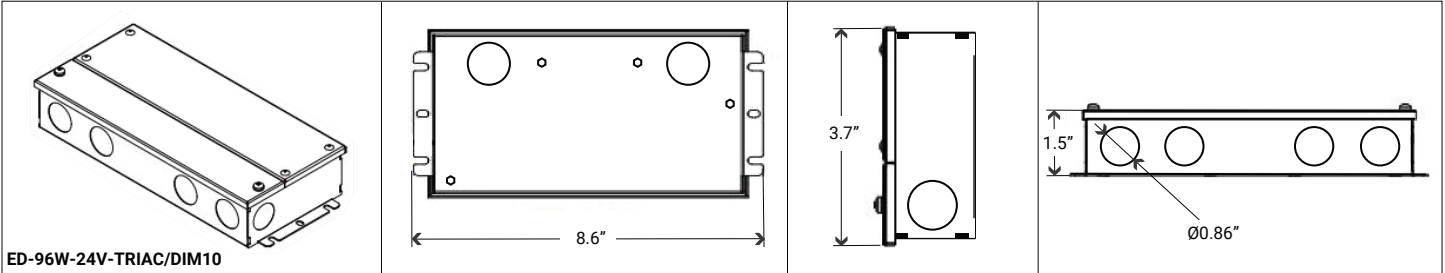


**Triac-Phase Cut/Triac ELV/0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable**

**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

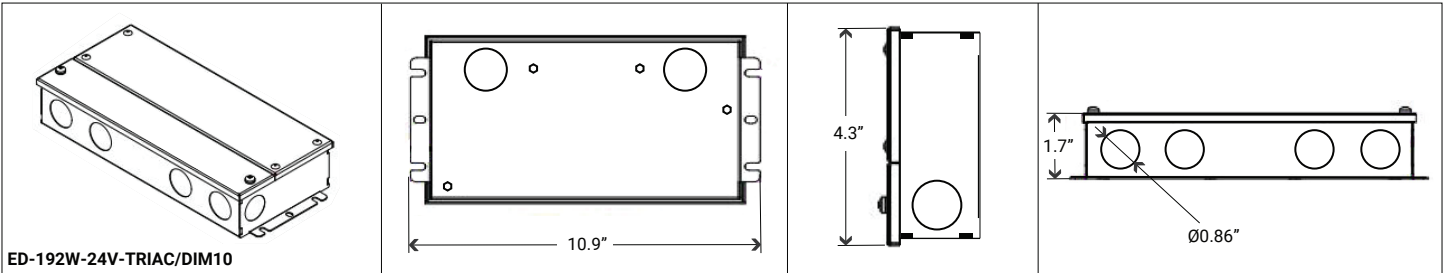
**Dimensions**



**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

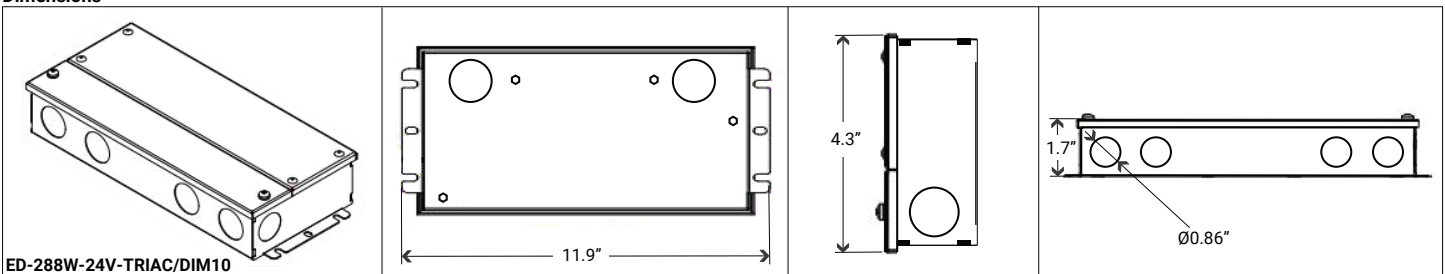
**Dimensions**



**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**

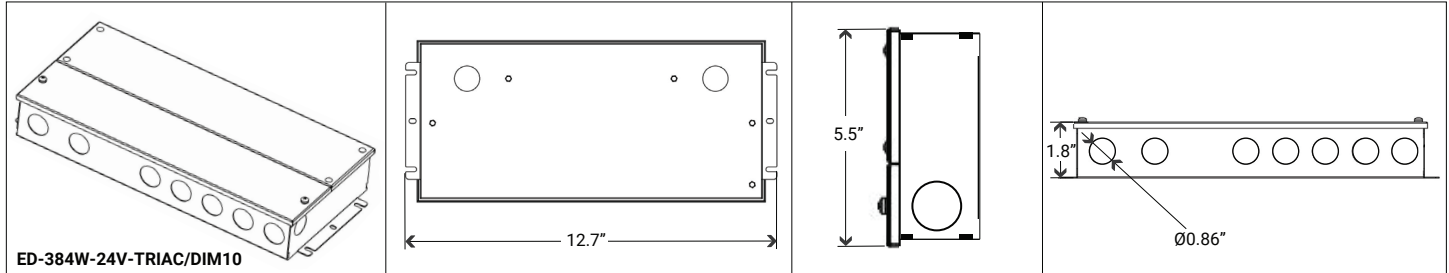


**Triac-Phase Cut/Triac ELV/0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable**

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

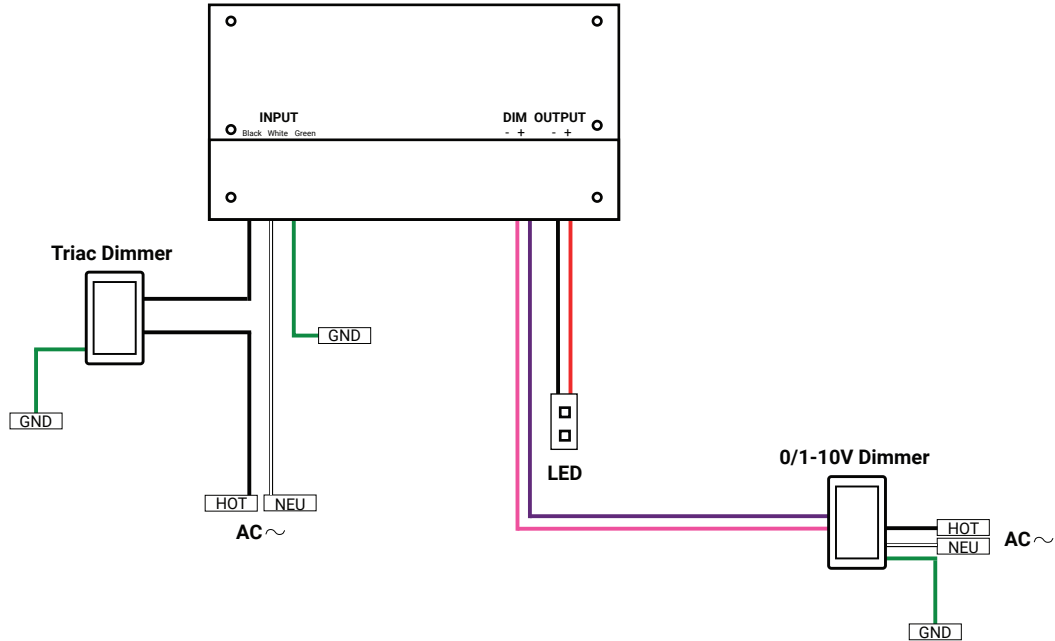
**Dimensions**



## Dimming Operation and Wiring Diagram

### TRIAC & 0/1 - 10V

When using two dimming methods at the same time, make sure the LED light is set to maximum output first. The brightness can then be adjusted with the second dimming method.



### Single Dimming Method: TRIAC/Phase-Cut Dimming

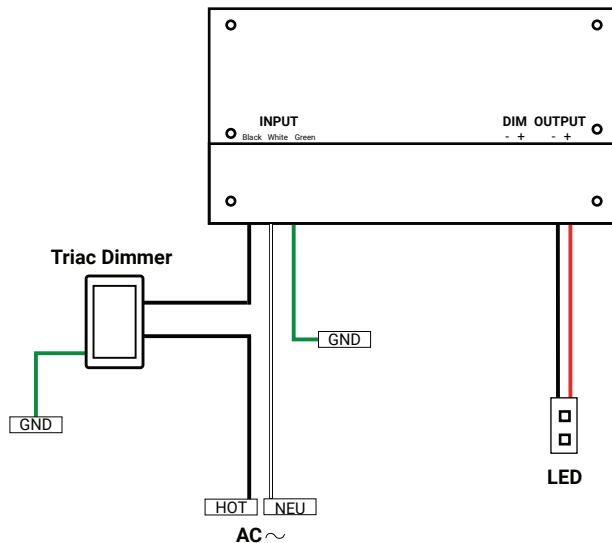
1-The Pulse-Width Modulation (PWM) of the output voltage can be adjusted through the input terminal of the AC phase line (L) by connecting a phase/TRIAC dimmer or lighting control system.

2-Works with forward-phase (MLV) and reverse-phase (ELV) TRIAC dimmers or lighting systems.

3-Minimum loading is approximately 10%.

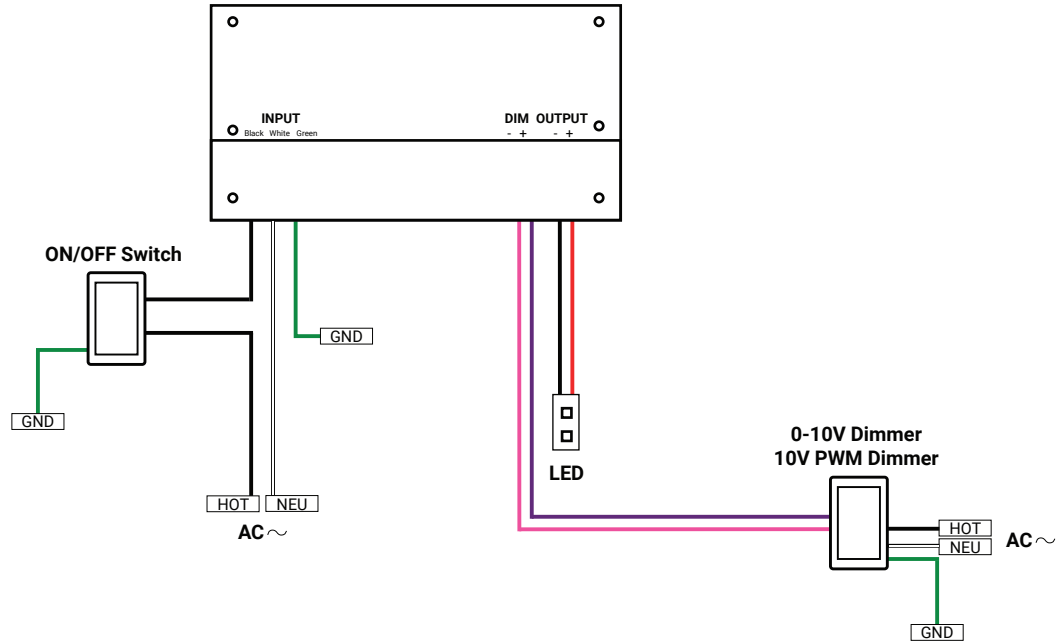
4-Use dimmers with a power rating at least 1.5 times the output power of the driver.

### TRIAC

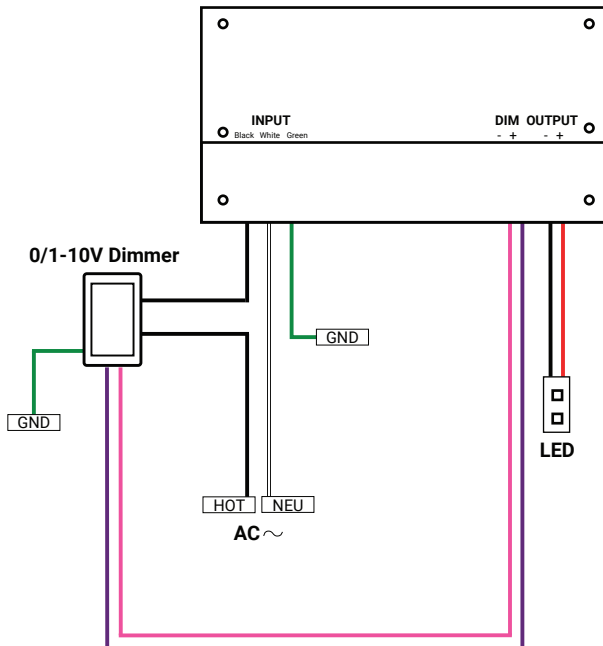


**Using one Dimming Method: 0-10V / 1-10V / 10V PWM / Potentiometer Dimming**

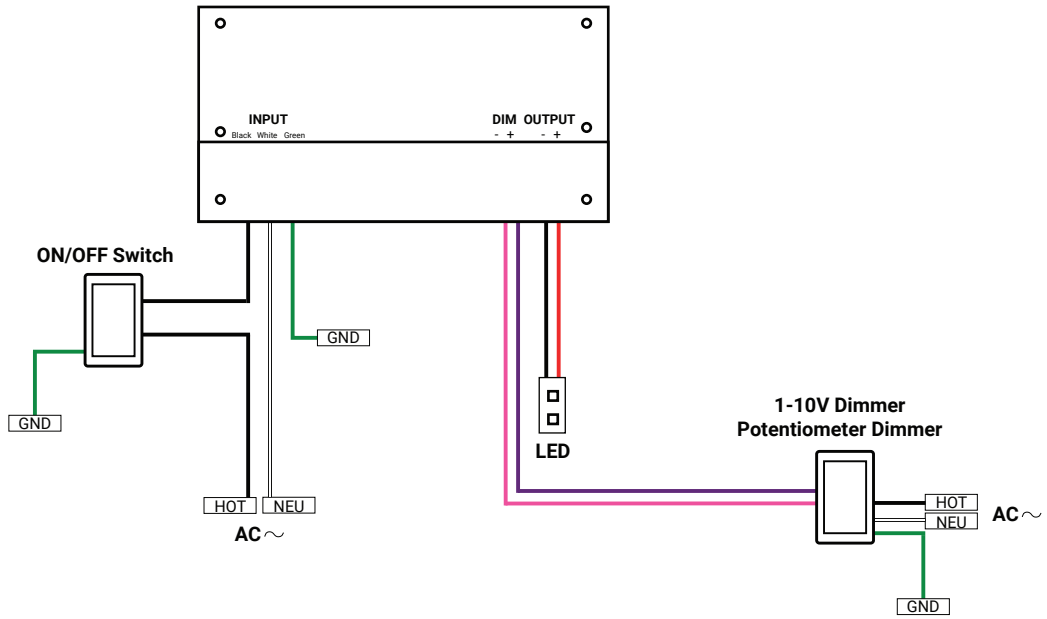
**0-10V / 10V PWM**



**0/1 - 10V**



**1-10V / Potentiometer**



**WARNING**

- This driver must be installed by a qualified professional.
- Provide adequate ventilation around the driver to ensure proper heat dissipation.
- Confirm all wiring connections are correct before testing to prevent damage to the light or power supply.
- If the driver is not operating correctly, do not attempt to repair it yourself.

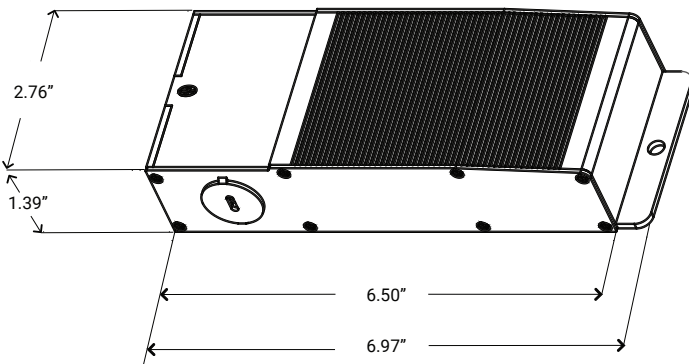
**Constant Voltage TRIAC Dimmable Driver**

**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**

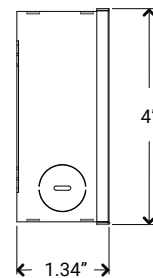
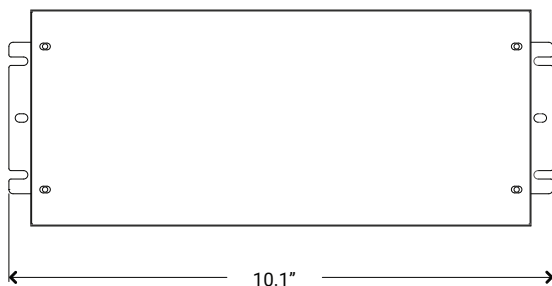


**PN:HBL150-AW-24-DI**

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

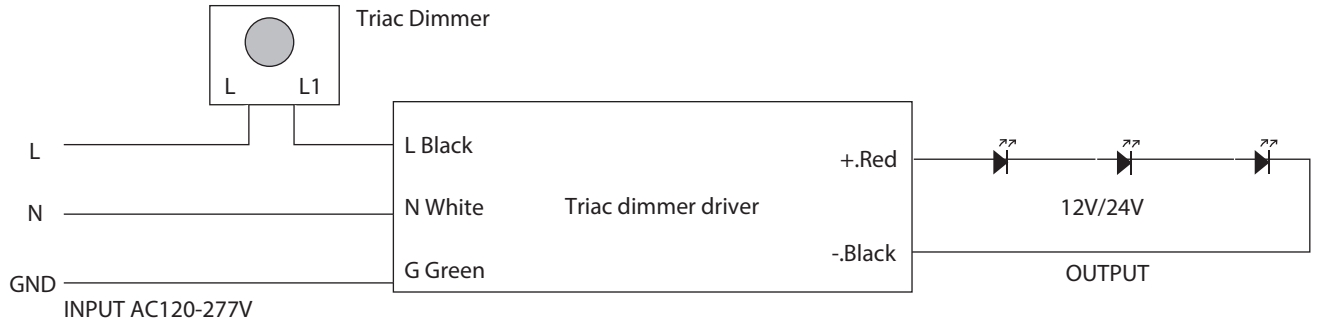
TRIAC Dimming for 120VAC / Non-Dimming for 277VAC

**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-2812Wi** RGBW DMX512+WiFi Controller

- DMX signal output, complies with standard protocol DMX512(1990), and compatible with DMX decoders from any other suppliers.
- Control 3 zones synchronously and separately.
- Ultra sensitive high strength glass touch panel with touch color wheel.
- Smooth and accurate color tone adjustment by touching the color wheel.
- Independent brightness adjustment of each RGBW channel to achieve millions of colors.
- Works with WiFi using the "EasyLighting" App on iOS and Android systems.

**TECHNICAL DETAILS**

<b>Output Signal</b>	DMX512+WiFi Signal
<b>Power Supply</b>	12-24 VDC
<b>Power Consumption</b>	<20 mA
<b>Operating Temperature</b>	0-40°C / 32°F-104°F
<b>Dimensions</b>	4.7"X2.9"X1.1"
<b>Color</b>	White

<b>Certifications</b>	FCC / RoHS
<b>Zones</b>	3
<b>Indoor</b>	IP20
<b>Surface</b>	Glass
<b>Control</b>	RGBW color
<b>Warranty</b>	5-Years limited warranty



**LB-2820US** RGBW Controller

- Touch sensitive.
- Glass interface.
- Compatible with all universal series RF receivers.
- Control RGBW color.
- Control 1 zone/area.

**TECHNICAL DETAILS**

<b>Output Signal</b>	RF Signal
<b>Power Supply</b>	12-24 DC
<b>Power Consumption</b>	< 15 mA
<b>Operating Temperature</b>	0-40°C / 32°F-104°F
<b>Dimensions</b>	2.9"X4.7"X1"
<b>Frequency</b>	916.5MHz
<b>Color</b>	White

<b>Certifications</b>	FCC / RoHS
<b>Zones</b>	1
<b>Indoor</b>	IP20
<b>Surface</b>	Glass
<b>Channels</b>	RGBW
<b>Warranty</b>	5-Years limited warranty



Remote Control

**LB-2819S** RGBW Remote Controller

- User friendly interface, easy and simple operation.
- Operation return function.
- Control up to 4 zones; each zone can be set with endless receivers. Each receiver can be controlled by a maximum of 8 different remotes.
- Set 3 scenes in each zone.
- Preset 10 changing modes with a pause function.
- One receiver can be paired with a maximum of 8 different remote controls.
- Enable dimming of the brightness for each R, G, B, W channel, allowing the mixing of millions of colors.
- Receivers can work with the WiFi-RF converter using the "Easylighting" app on IOS and Android systems.

**TECHNICAL DETAILS**

<b>Output Signal</b>	RF Signal
<b>Power Supply</b>	4.5V (3xAAA battery)
<b>Operating Temperature</b>	0-40°C / 32°F-104°F
<b>Dimensions</b>	4.7"X2"X0.66"
<b>Color</b>	Black

<b>Certifications</b>	FCC / RoHS
<b>Zones</b>	Control 4 Zones of RF receivers separately
<b>Frequency</b>	434MHz/869.5MHz/916.5MHz
<b>Rated</b>	IP20
<b>Warranty</b>	5-Years limited warranty



**LB-2833N-K5-RGBW** RF RGBW Dimmer

**RF wireless RGBW Remote can control 1 zone of receiver.** This RGBW 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.**

<b>Output Signal</b>	RF Signal
<b>Power Supply</b>	3V (CR2032 battery)
<b>Operating Temperature</b>	0-40°C / 32°F-104°F
<b>Dimensions</b>	2.5"X1.2"X0.35"
<b>Zones</b>	Control 1 Zone of receiver
<b>Frequency</b>	916.5MHz
<b>Rated</b>	IP20
<b>Warranty</b>	5-Years 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



## LB-2108B-M6-5 DMX512 & RDM Decoder

The **LB-2108B-M6-5** is an Ultra-Pro 6CH RDM DMX512 decoder equipped with master and decoder modes and RDM functionality. Encased in a metal housing and featuring a digital display, it can directly display data and easily set and show DMX addresses.

This device offers multiple types of DMX input/output ports, including RJ45, XLR, and standard screws. It provides a total of 6 PWM output channels, all with common anode configuration. The **DMX channel quantity can be configured as either 1CH or 6CH, and the PWM output resolution ratio can be set to 8-bit or 16-bit.** With adjustable decoding modes, the output PWM frequency ranges from 500Hz to 35KHz, and the output dimming curve gamma value can be adjusted from 0.1 to 9.9.

### TECHNICAL DETAILS

<b>Input Voltage</b>	12-24 VDC
<b>Output Current</b>	6x6A
<b>Output Power</b>	6x(72-144)W
<b>Dimensions</b>	7.3"X3.3"X1.6"

<b>Output PWM Frequency</b>	500HZ - 35K HZ settable
<b>Certifications</b>	FCC / RoHS
<b>Color</b>	Black
<b>Warranty</b>	5-Years 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

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

<b>Frequency</b>	869.5/916.5/434mhz
<b>Certifications</b>	FCC / RoHS
<b>Color</b>	White
<b>Warranty</b>	5-Years limited warranty



## LB-2817DMX DMX Converter

The **LB-2817DMX master** is a controller that receives RF or WiFi wireless signals from remote controllers, iOS, or Android mobile devices, and sends out **DMX512 signals** to **DMX decoders**, enabling remote or WiFi control of DMX controllers.

The master converts RF or WiFi signals to DMX signals, enabling wireless control. Easier and more convenient control can be achieved by pairing this RF and WiFi to DMX master with the **RF remote or WiFi controller, iOS, and Android devices**.

- User friendly interface, easy and simple operation.
- Operation return function.
- Control synchronously after installing app on iPhone, iPad and android.
- Memory function to remember the last color/scene.
- Enable dimming of the brightness for each R, G, B, W channel, allowing the mixing of millions of colors.

### TECHNICAL DETAILS

<b>Output Signal</b>	DMX512 Signal
<b>Voltage</b>	12-24 VDC
<b>Operating Temperature</b>	0-40°C / 32°F-104°F
<b>Dimensions</b>	7"X1.8"X0.8"

<b>Certifications</b>	FCC / RoHS
<b>Color</b>	White
<b>Warranty</b>	5 Years limited warranty



## LB-2108-24-96CVF-UL DMX512 Dimmable Driver

The LB-2108-24-96CVF is a UL, ENEC, and TUV approved RDM-enabled DMX 96W dimmable LED driver with 4 channels of 24VDC constant voltage output and a 100-277VAC universal input. The driver boasts a power factor of over 0.9 and efficiency exceeding 90%, ensuring smooth and deep dimming down to 0.1% without flickering or buzzing noise.

It supports DMX channel quantities of 1/2/3/4, configurable via buttons, allowing control of single-color, tunable white, and RGB/RGBW LED lighting. DMX addresses can be manually assigned using the buttons and displayed on the digital display. Compliant with DMX512(2008), DMX512-A, and RDM V1.0 (E1.20 - 2006 ESTA Standard) protocols, this DMX driver is compatible with universal DMX consoles, and its UL, ENEC, and TUV certification ensures high safety performance for worldwide use.

Various features can be configured via the visible numeric digital display and buttons, including DMX address, DMX channel quantity, PWM output resolution (8-bit or 16-bit), PWM output frequency (adjustable from 500Hz to ultra-high 30kHz, ideal for professional film lighting), GAMMA ray dimming curve value (adjustable from 0.1-9.9, with optional logarithmic and linear dimming), and DMX decoding modes (optional, with default mode set to dp1.1).

### TECHNICAL DETAILS

<b>Input Voltage</b>	120 VAC
<b>LED Channels</b>	4
<b>Frequency Range</b>	50/60Hz
<b>DC Voltage</b>	24V DC
<b>Dimensions</b>	9.6"X2.5"X1.2"

<b>Rated Power</b>	Max. 96W (no minimum load required)
<b>Certifications</b>	FCC / RoHS
<b>Color</b>	White
<b>Warranty</b>	5 Years limited warranty



**LIN100M1** DMX DRIVER

LINEARdrive gives you infinite color control for low-voltage LED applications, ranging from single color for accent and cove lighting to RGBW for full-color entertainment product solutions.

This constant voltage LED driver is DMX/DALI compatible and allows you to create your color or dynamic show without an external controller. Symbiosis ensures that the LED driver works seamlessly together with LED modules, controls, and intelligent luminaire elements.

**TECHNICAL DETAILS**

<b>Output Voltage</b>	12-24 VDC
<b>LED output current</b>	2.8A absolute maximum rating per output
<b>Nominal input voltage range AC</b>	120-250V (ENEC), 120-277V (UL)
<b>Nominal input voltage DC</b>	120-275V

<b>Control Protocol</b>	DMX/DALI
<b>Driver Type</b>	Constant Voltage
<b>Max. LED Output Power</b>	100W
<b>SIZE</b>	14.57"X1.61"X1.18"