LB8000-SB-WW-RGBW

Lumi-PRO/Side Bend Wall-Washer RGBW Flex Neon LED Strip Light

FEATURES

The LB8000-SB-WW-RGBW Lumi-PRO LED Strip Light is an easy-to-install, side-bend flexible neon linear lighting solution designed for upward or downward wall washing, depending on the mounting orientation. Its triangular profile provides even, uniform illumination across the surface where it is installed.

When paired with Elite Lighting's decoders and controllers, users gain precise control over their lighting environments, enabling dynamic color effects and immersive atmospheres. Whether creating vibrant color displays or delivering clean, even illumination, the LB8000-SB-WW-RGBW balances high performance with refined aesthetics.

Common applications include outdoor, wet locations, cove lighting, and architectural accents.

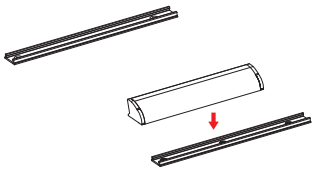
- Max run up to 16.4 ft
- Outdoor/Wet Location (IP67) / Indoor (IP20 if cut in the field)
- Side Bend / 120° Beam Angle
- Average lifetime: L70 > 60,000 hours, reported
- Warranty: 5-year warranty for parts and components (labor not included).

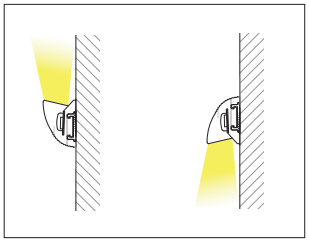
Color

3000K	45 lm/ft		
Red	15 lm/ft	Blue	10 lm/ft
Green	55 lm/ft	RGBW	125 lm/ft

MOUNTING TRACK

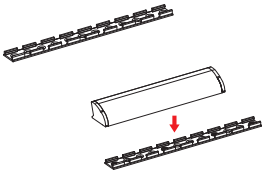
LB8000-SB-WW-AL-EXT

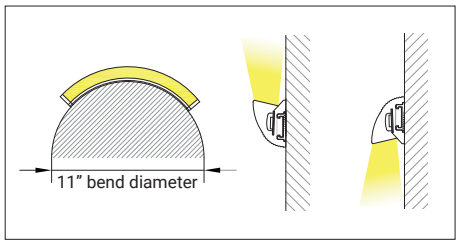




Aluminum Extrusion
3.2 ft Length

LB8000-SB-WW-BAT



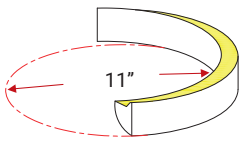


Bendable Aluminum Track
3.2 ft Length

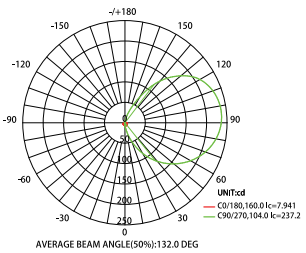
TECHNICAL DETAILS

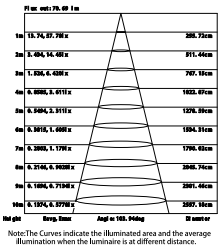
Power	4.3 W/ft
Voltage	24V
CRI	90+
LPW	29 lm/W
IP	IP67
LED Qty	36/ft
Max Run(ft)	16.4 ft
Cutting Length	Field-cuttable every 1.9685"
Dimensions	W 0.55" x H 0.79"
Working Temp.	-4°F to 113°F (-20°C to 45°C)

BEND DIAMETER



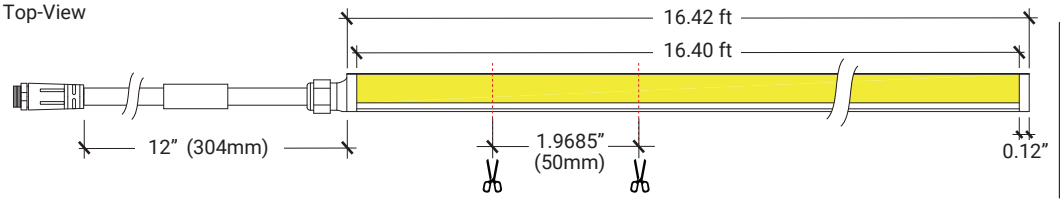
Do not bend the Flex-Neon tape light beyond its specified bending diameter, as this may cause damage and will not be covered under warranty.



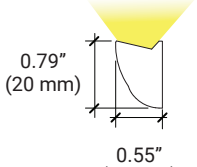


DIMENSIONS

Top-View



Sectional-View

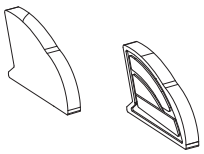


The tape light comes with a 12-inch standard length female barrel connector with anti-wicking attached to one side, along with an accessory kit.

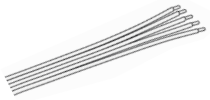
LB8000-SB-WW-RGBW

Lumi-PRO/Side Bend Wall-Washer RGBW Flex Neon LED Strip Light

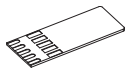
FIELD CUTTING INSTRUCTIONS



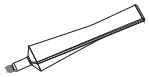
End Caps



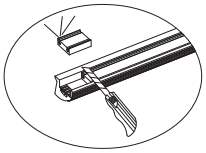
PC-SB-WW-5P
5-Pin Power Cable



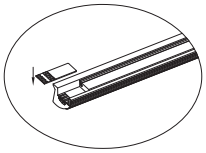
Rigid Conductive Power Plate



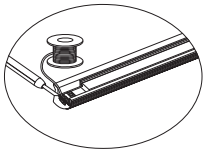
UV Glue
Not Included



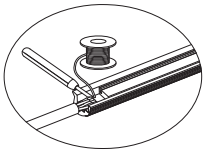
1-Cut and remove a small section of the bottom edge of the tape light, approximately 0.5 inch (12 mm) from the corner.



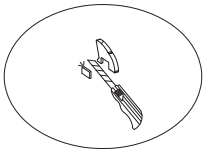
2-Insert the rigid conductive power plate into the tape light.



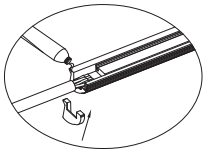
3-Solder the rigid conductive power plate to the exposed contact points on the tape light.



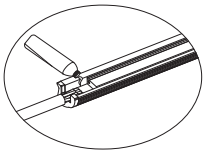
4-Solder the power cable to the contact points on the rigid conductive plate.



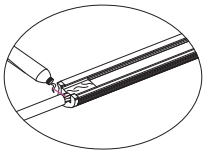
5-Open the pre-marked opening in the tail end cap.



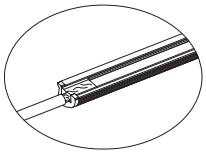
6-Install the end cap on the end of the tape light.



7-Fill the exposed area with UV glue and cure it.



8-Apply UV glue to the end and cure it.



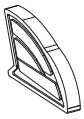
9-Finished.

ACCESSORIES

LB8000-SB-WW-RGBW-FEC
2 Included

Front-end cap

LB8000-SB-WW-RGBW-TEC
2 Included



Tail-end cap

PC-SB-WW-5P
2 Included

5-Pin Power Cable (72” length)

NOTE:

The tape light is rated IP67 for outdoor applications only when supplied in factory-sealed lengths and not cut in the field. If the tape light is cut on-site and reconnected using a 5-pin power cable, the IP rating is reduced to IP20 and is suitable for indoor use only.

ORDERING SELECTION

Example: LB8000-SB-WW-RGBW-4.3W-16F-24V

LB8000-SB-WW-RGBW					
SERIES	**WATTAGE**	**LENGTH**	**VOLTAGE**	**ACCESSORIES**	**DRIVER**
LB8000-SB-WW-RGBW	**4.3W** - 4.3W/ft	**16F** - 16.4 ft/Roll **CUS_** - Custom	**24V** - 24V	**LB8000-SB-WW-AL-EXT** - Aluminum Extrusion / 3.2 ft lenght **LB8000-SB-WW-BAT** - Bendable aluminum track 3.2 ft length **LB8000-SB-WW-RGBW-FEC** - Front-end cap **LB8000-SB-WW-RGBW-TEC** - Tail-end cap **PC-SB-WW-5P** - 5-Pin Power Cable (72” length) **KIT-ACC-LB8000-SB-WW-RGBW** - Accessory Kit (INCLUDED) 2- Front end caps 2- Tail end caps 2- 5-Pin Power cables 2- Rigid Conductive Power Plates	**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

Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

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

Output Signal	DMX512+WiFi 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”
Color	White

Certifications	FCC / RoHS
Zones	3
Indoor	IP20
Surface	Glass
Control	RGBW color
Warranty	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

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

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

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RGBW / 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 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 strip light while maintaining the necessary power conversion and signal reception.

Power Supply

ED-192W-24V-TRIAC-DIM10

ED-288W-24V-TRIAC-DIM10

ED-384W-24V-TRIAC-DIM10

LED Receiver

LB-1009EAWi

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

LB-1009EAWi

Wall Control

WALL CONTROLLER

LB-2820US

Output Signal	RF Signal
Power Supply	12-24 DC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 1 zone.

LED Tape Light

LB8000-SB-WW-RGBW

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RGBW / Remote Controller (RF Signal)

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

Driver – Powers the 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 strip light while maintaining the necessary signal reception.

Power Supply

ED-192W-24V-TRIAC-DIM10

ED-288W-24V-TRIAC-DIM10

ED-384W-24V-TRIAC-DIM10

LED Receiver

LB-1009EAWi

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

LB-1009EAWi

Remote Control

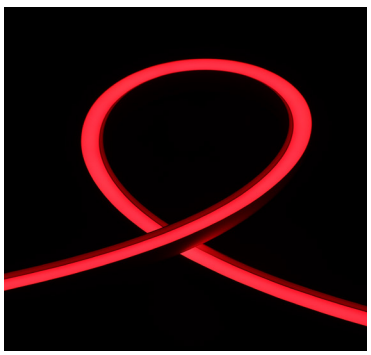
REMOTE CONTROLLER

LB-2819S

Output Signal	RF Signal
Power Supply	3XAAA battery)

Control 4 zones.

LED Tape Light



LB8000-SB-WW-RGBW

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RGBW / 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 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 strip light while maintaining the necessary signal reception.

Power Supply

ED-192W-24V-TRIAC-DIM10

ED-288W-24V-TRIAC-DIM10

ED-384W-24V-TRIAC-DIM10

LED Receiver

LB-1009EAWi

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

LB-1009EAWi

Wall Control

WALL DIMMER CONTROLLER

LB-2833N-K5-RGBW

Output Signal	RF Signal
Power Supply	3V (CR2032 battery)

Control 1 zone.

LED Tape Light

LB8000-SB-WW-RGBW

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RGBW / DMX Wired

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

Driver – Powers the RGBW strip light.
DMX Decoder – Receives the DMX signal (via a wired connection) and converts it into control signals for the RGBW strip light, adjusting the color and brightness.
Wall Controller – Sends the DMX signal to the DMX decoder, remotely controlling the RGBW 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 RGBW strip light, enabling full control of the light's color and brightness, while maintaining proper power conversion and signal reception.

Power Supply

ED-192W-24V-TRIAC-DIM10

ED-288W-24V-TRIAC-DIM10

ED-384W-24V-TRIAC-DIM10

DMX Decoder

LB-2108B-M6-5

Input Voltage	12-24 VDC
Output Current	6x6A
Output Power	6x(72-144)W
Dimensions	7.3”X3.3”X1.6”

LB-2108B-M6-5

Wall Control

WALL CONTROL

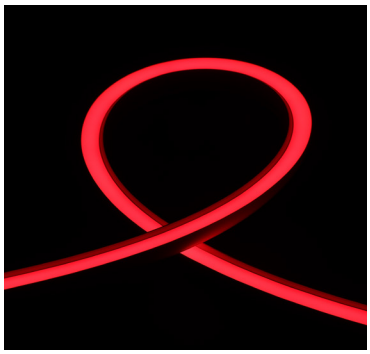
LB-2812Wi

Output Signal	DMX + WiFi Signal
Power Supply	12-24 VDC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 3 zones.

LED Tape Light



LB8000-SB-WW-RGBW

Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

RGBW / DMX (WiFi Signal)

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

Driver – Powers the RGBW strip light.
DMX Decoder – Receives the DMX signal (via a wired connection) and converts it into control signals for the RGBW strip light, adjusting color and brightness.
Converter – Wired to the DMX decoder, it processes the signals to ensure proper control of the RGBW 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 RGBW 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.

Power Supply

ED-192W-24V-TRIAC-DIM10

ED-288W-24V-TRIAC-DIM10

ED-384W-24V-TRIAC-DIM10

DMX Decoder

LB-2108B-M6-5

Input Voltage	12-24 VDC
Output Current	6x6A
Output Power	6x(72-144)W
Dimensions	7.3”X3.3”X1.6”

LB-2108B-M6-5

Converter

LB-2817DMX

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

LED25W-24
(Power Supply)

LB-2817DMX

Wall Control

WALL CONTROL

LB-2812Wi

Output Signal	DMX + WiFi Signal
Power Supply	12-24 VDC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 3 zones.

LED Tape Light

LB8000-SB-WW-RGBW

Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

RGBW / ELDOLED AC to DC - (DMX WiFi Signal)

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

ELDO LIN100M1 Driver – Powers the RGBW 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 RGBW strip light.
DMX-WIFI Wall Controller – Sends the DMX WiFi signal wirelessly to the converter and ELDO LIN100M1 Driver, enabling remote control of the RGBW 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 RGBW 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.

Power Supply

LIN100M1

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

LIN100M1

Converter

LB-2817DMX

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

LED25W-24
(Power Supply)

LB-2817DMX

Wall Control

WALL CONTROL

LB-2812Wi

Output Signal	DMX + WiFi Signal
Power Supply	12-24 VDC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 3 zones.

LED Tape Light

LB8000-SB-WW-RGBW

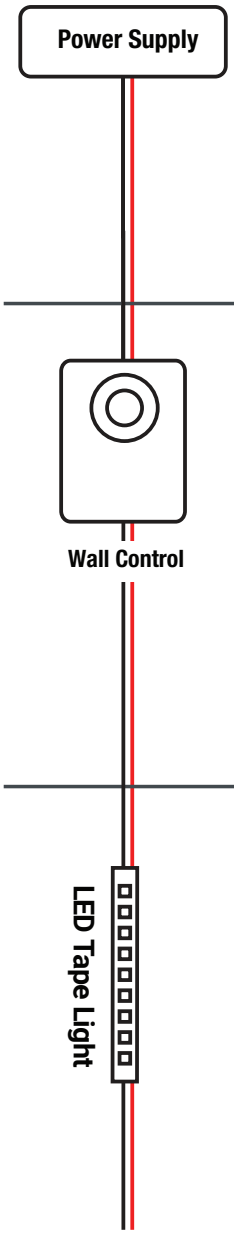
Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

RGBW / ELDOLED AC to DC - (DMX Wired)

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

ELDO LIN100M1 Driver – Powers the RGBW 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 RGBW 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.



LIN100M1

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

LIN100M1

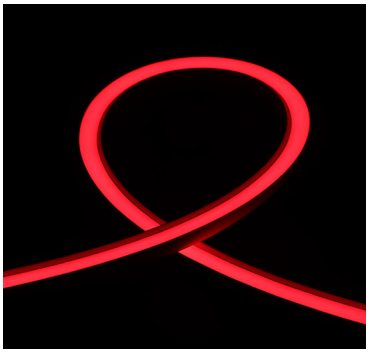
WALL CONTROL

LB-2812Wi

Output Signal	DMX + WiFi Signal
Power Supply	12-24 VDC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 3 zones.



LB8000-SB-WW-RGBW

Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

RGBW / AC to DC (DMX WiFi)

This solution enables the RGBW 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 RGBW 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 RGBW 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 RGBW 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 RGBW 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.

Power Supply

LB-2108-24-96CVF-UL

Input Voltage	120-277 VAC
LED Channels	4
Frequency Range	50/60Hz
DC Voltage	24V DC
Dimensions	9.6”X2.5”X1.2”

LB-2108-24-96CVF-UL

Converter

LB-2817DMX

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

LED25W-24
(Power Supply)

LB-2817DMX

Wall Control

WALL CONTROL

LB-2812Wi

Output Signal	DMX + WiFi Signal
Power Supply	12-24 VDC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 3 zones.

LED Tape Light

LB8000-SB-WW-RGBW

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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

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

Certifications	FCC / RoHS
Zones	Control 4 Zones of RF receivers separately
Frequency	434MHz/869.5MHz/916.5MHz
Rated	IP20
Warranty	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.**

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"
Zones	Control 1 Zone of receiver
Frequency	916.5MHz
Rated	IP20
Warranty	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

Compatible with: **LB-2820US - LB2812Wi - LB2817DMX.**

Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

RGBW / AC to DC - (DMX Wired)

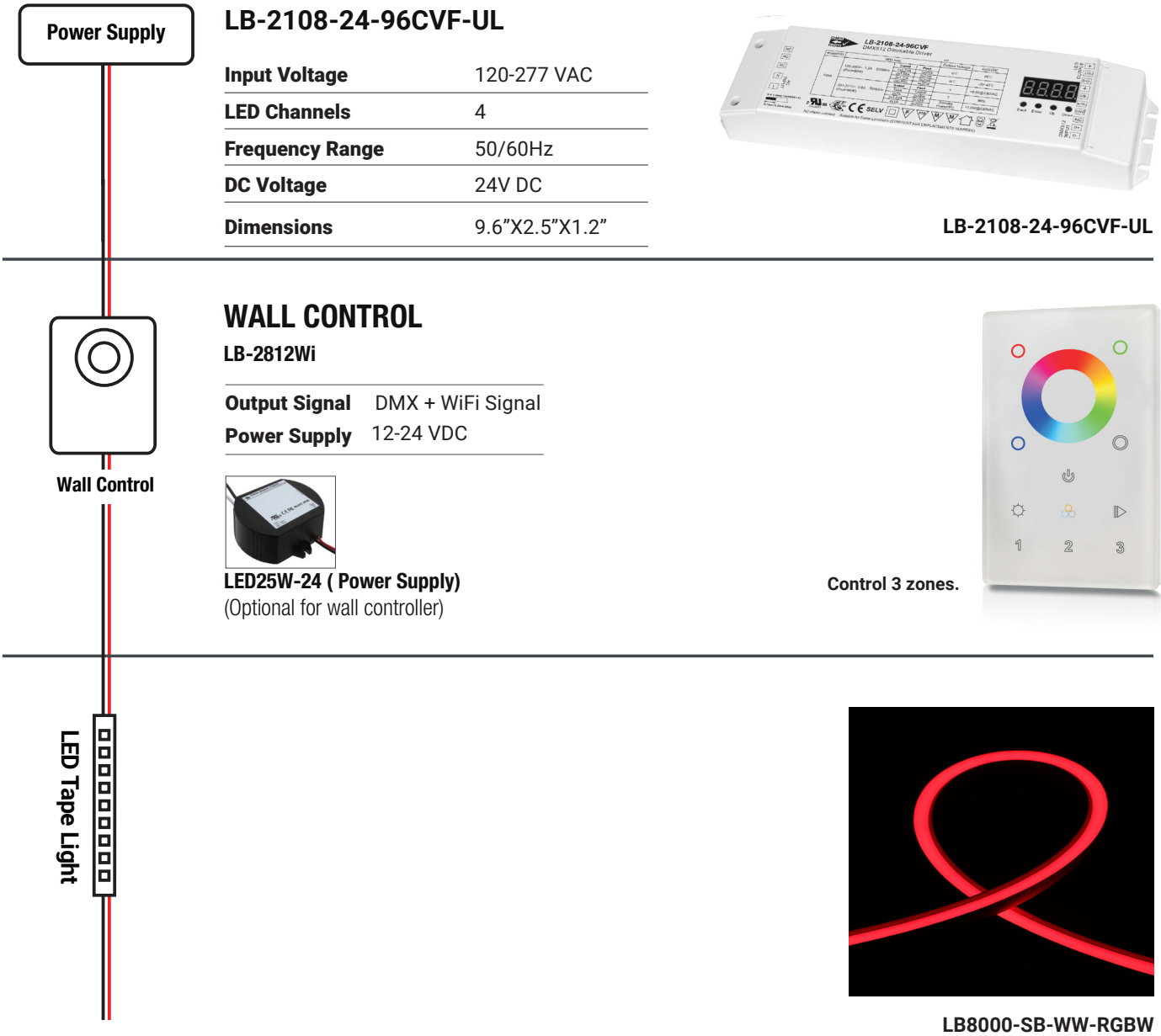
This solution enables the RGBW strip light to function with the DMX512 Dimmable LED Driver AC to DC - DMX Wired system. It includes the following components:

LB-2108-24-96CVF-UL Driver – Powers the RGBW 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 RGBW 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.



LB-2108-24-96CVF-UL

Input Voltage	120-277 VAC
LED Channels	4
Frequency Range	50/60Hz
DC Voltage	24V DC
Dimensions	9.6"X2.5"X1.2"

LB-2108-24-96CVF-UL

WALL CONTROL

LB-2812Wi

Output Signal	DMX + WiFi Signal
Power Supply	12-24 VDC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 3 zones.

LB8000-SB-WW-RGBW

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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

Input Voltage	12-24 VDC
Output Current	6x6A
Output Power	6x(72-144)W
Dimensions	7.3”X3.3”X1.6”

Output PWM Frequency	500HZ - 35K HZ settable
Certifications	FCC / RoHS
Color	Black
Warranty	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

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-Years limited warranty

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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

Output Signal	DMX512 Signal
Voltage	12-24 VDC
Operating Temperature	0-40°C / 32°F-104°F
Dimensions	7”X1.8”X0.8”
Certifications	FCC / RoHS
Color	White
Warranty	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

Input Voltage	120 VAC
LED Channels	4
Frequency Range	50/60Hz
DC Voltage	24V DC
Dimensions	9.6”X2.5”X1.2”
Rated Power	Max. 96W (no minimum load required)
Certifications	FCC / RoHS
Color	White
Warranty	5 Years limited warranty

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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

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

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

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