

LB8000-12-RGB Series
Outdoor Strip Light
Width / 0.47"
Height / 0.47"
IP68



MOUNTING TRACK

FNC-1212-5



Bending Aluminum Track
19" length

FNC-1212-1

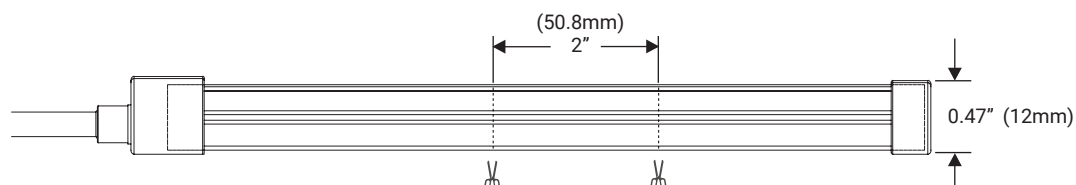


Bending Aluminum Track
39" length

TECHNICAL DETAILS

| | |
|----------------|-----------------|
| Power | 4.4W/ft |
| Voltage | 24V |
| IP | IP68 |
| LED Qty | 36/ft |
| Max Run(ft) | 16.4ft |
| Cutting Length | 2" |
| Dimensions | W0.47" X H0.47" |
| Working Temp. | -4F / +122F |

DIMENSIONS



FEATURES

The **LB8000-12-RGB Lumi-PRO Strip Light** is an easy-to-operate top-bending **RGB flex neon linear** lighting solution designed for both **indoor and outdoor applications**. It offers multiple color options with an **RGB** color base, providing flexibility to create the desired ambiance and lighting effects in various indoor and outdoor spaces.

The **LB8000-12-RGB Lumi-PRO Strip Light** is designed for **easy installation**, allowing seamless integration into various indoor settings. It can be mounted on **different surfaces**, such as **walls, ceilings, or furniture**, using adhesive backing or mounting brackets.

Max run up to 16.4ft

Outdoor/Wet Location (IP68)

Linear Lighting

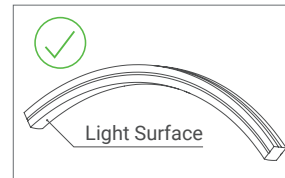
Top bending

Warranty: 5 years for indoor and 3 years for outdoor limited warranty

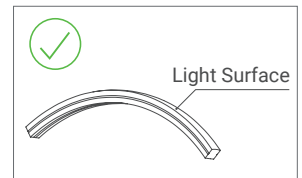
Color RGB **4.4 W/ft.**

| | |
|-------|----------|
| Red | 30lm/ft |
| Green | 75m/ft |
| Blue | 15lm/ft |
| RGB | 110lm/ft |

BENDING RADIUS / MIN. Bending radius 1.18" (30mm)



Concave Direction

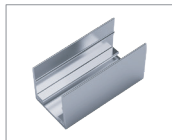


Convex Direction

Experience **unparalleled** performance with our precision-engineered, high-quality **Lumi-PRO LB8000-12-RGB Outdoor LED Strip Light**, meticulously designed to meet the demands of the **most challenging applications**.

Accessories

LB8000-12-CH-BR



Extruded Channel
flangeless bracket

1.3"x0.5"x0.5"

LB8000-12-CH



Extruded channel
flangeless

39"x0.5"x0.5"

LB8000-12-WE



Welding end cap

1.6"x0.6"x0.6"

LB8000-12-WC



Welding Connector

1.9"x1.4"x0.6"

LB8000-12-ERO



Silicone end cap Side
Right Outlet

1"x0.8"x0.5"

LB8000-12-ELO



Silicone end cap Side
Left Outlet

1"x0.8"x0.5"

LB8000-12-EC



Silicone end cap

0.5"x0.1"x0.5"

LB8000-12-EC-PF-EF



Silicone end cap
power feed

1"x0.5"x0.5"

LB8000-12-EC-PF-BF



Silicone end cap Side
bottom power feed

1"x0.8"x0.5"

ORDERING SELECTION

Example: LB8000-12-RGB-4.4W-16F-24V

| SERIES | WATTAGE | LENGTH | VOLTAGE | MOUNTING TRACK | ACCESSORIES |
|---|----------------|-------------------|-----------|--|---|
| LB8000-12-RGB | 4.4W - 4.4W/ft | 16F - 16ft / Roll | 24V - 24V | FNC-1212-5 - Bending Aluminum Track 19" length FNC-1212-1 - Bending Aluminum Track 39" length | LB8000-12-CH-BR - Flangeless bracket LB8000-12-CH - Extruded channel flangeless LB8000-12-WE - Welding end cap LB8000-12-WC - Welding connector LB8000-12-ERO - End cap right outlet LB8000-12-ELO - End cap left outlet LB8000-12-EC - Silicone end cap/end LB8000-12-EC-PF-EF - Silicone end cap/power feed LB8000-12-EC-PF-BF - Silicone end cap/side bottom power feed |
| <div> <div></div> <div>CONTROLLERS</div> <div> LB-2812Wi - Wall Controller LB-2820US - Wall Controller LB-2819S - Remote Controller LB-2833-K5-RGBW - Wall Dimmer LED25W-24 - Power Supply LB-2108B-M6-3 - DMX Decoder Wired LB-1009EAWI - RF DMX Decoder LB-2817DMX - RF Converter LB-2108-24-96CVF-UL - DMX Decoder Wired LIN100M1 - Eldo LED Driver </div> </div> | | | | | |



Click on the picture for detailed information.

Compatible with: LB-1009EAWI - LB2817DMX - LB2108B-M6-3 - LB-2108-24-96CVF-UL - LinearDrive 100/M.

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/Black |

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



Click on the picture for detailed information.

LB-2820US RGBW Controller

- Touch sensitive.
- Glass interface.
- Compatible with all universal series RF receivers.
- Control RGBW color.
- Control 1 zone/area.
- Receivers can work with the WiFi-RF converter using the "Easylighting" or "Easyhome" App on IOS and Android systems.

Compatible with: LB2817DMX - LB2108B-M6-3 - LB-1009EAWI - LinearDrive 100/M.

TECHNICAL DETAILS

| | |
|------------------------------|---------------------|
| Output Signal | RF Signal |
| Power Supply | 120 VAC |
| Power Consumption | < 15 mA |
| Operating Temperature | 0-40°C / 32°F-104°F |
| Dimensions | 2.9"X4.7"X1" |
| Frequency | 916.5MHz |
| Color | White/Black |

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



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.

[Click on the picture for detailed information.](#)

Compatible with: LB2817DMX - LB2108B-M6-3 - LB-1009EAWI.

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 |

[Click on the picture for detailed information.](#)

Compatible with: LB-2817DMX - LB1009EAWI - LB2108B-M6-3.



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.



[Click on the picture for detailed information.](#)

LB-2108B-M6-3 DMX512 & RDM Decoder

The **LB-2108B-M6-3** 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 |



[Click on the picture for detailed information.](#)

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 |

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 LB2819S, iOS, and Android devices**.

- Control up to 8 zones.
- Set 8 scenes at each zone.
- Preset 10 changing modes, with pause 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



[Click on the picture for detailed information.](#)

TECHNICAL DETAILS

| | |
|------------------------------|---------------------|
| Output Signal | DMX512 Signal |
| Voltage | 120 VAC |
| Operating Temperature | 0-40°C / 32°F-104°F |
| Dimensions | 7"X1.8"X0.8" |

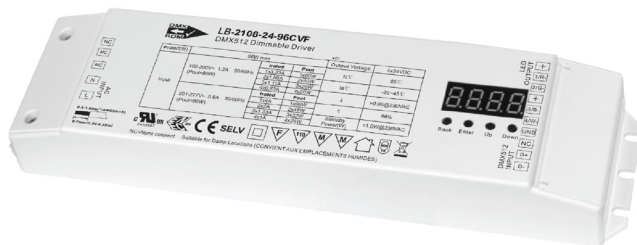
| | |
|-----------------------|--------------------------|
| Certifications | FCC / RoHS |
| Color | White |
| Warranty | 5 Years limited warranty |

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).



[Click on the picture for detailed information.](#)

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 |



Click on the picture for detailed information.

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.

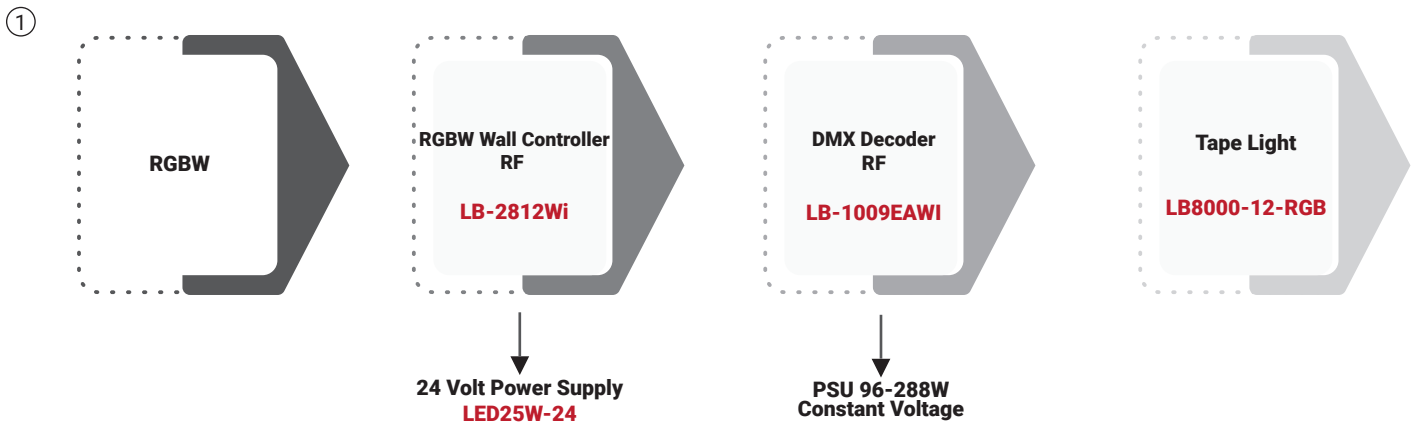
TECHNICAL DETAILS

| | |
|---------------------------------------|---|
| 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" |

GUIDE DIAGRAM

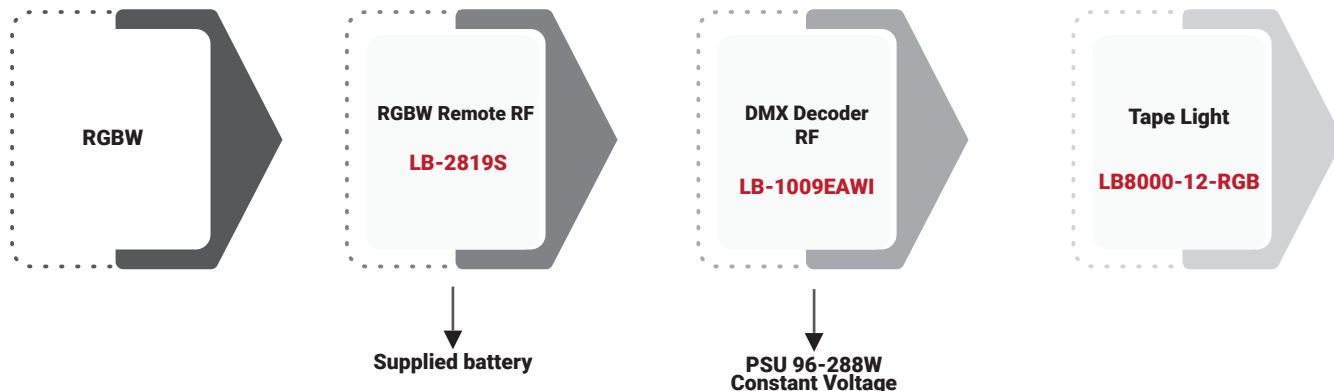
RGBW Wireless Control Options (DMX)



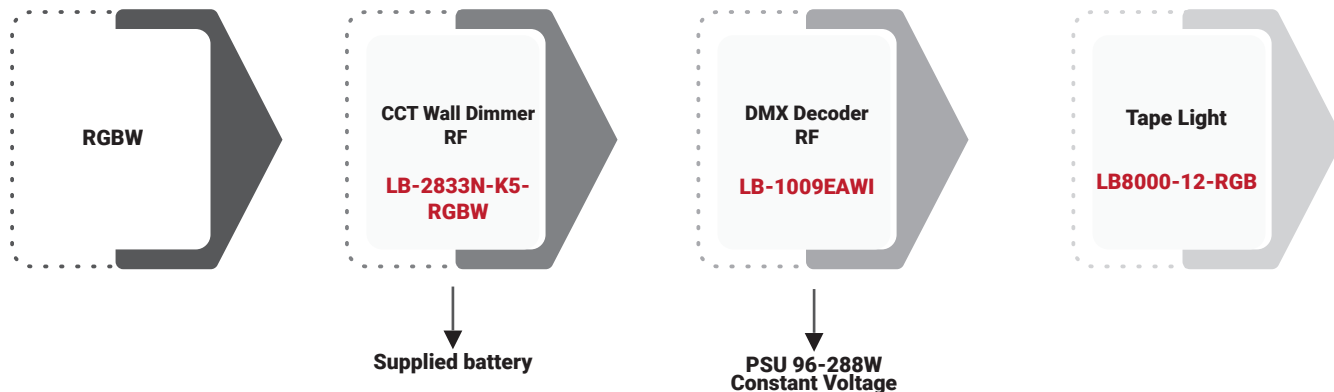
GUIDE DIAGRAM

RGBW Wireless Control Options (DMX)

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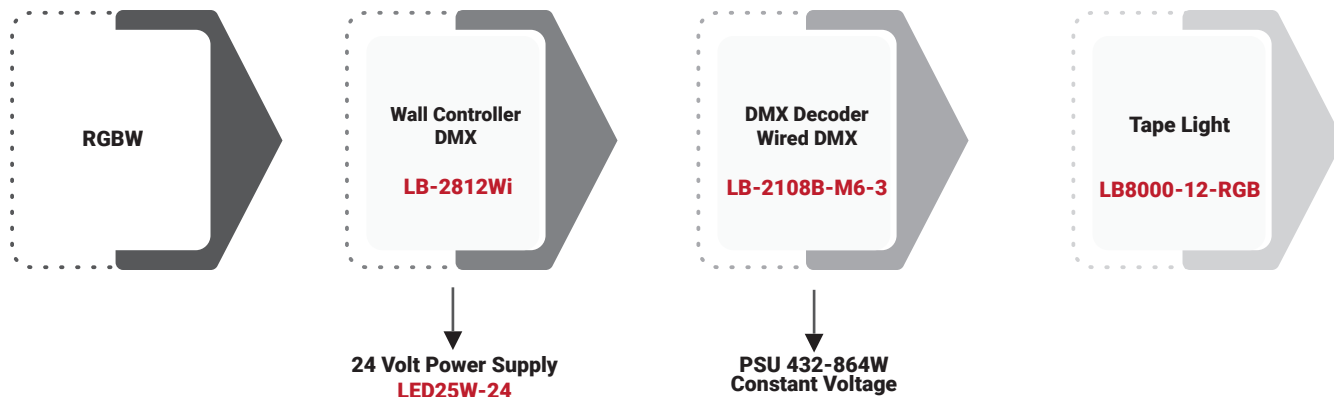
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GUIDE DIAGRAM

RGBW Wired (DMX)

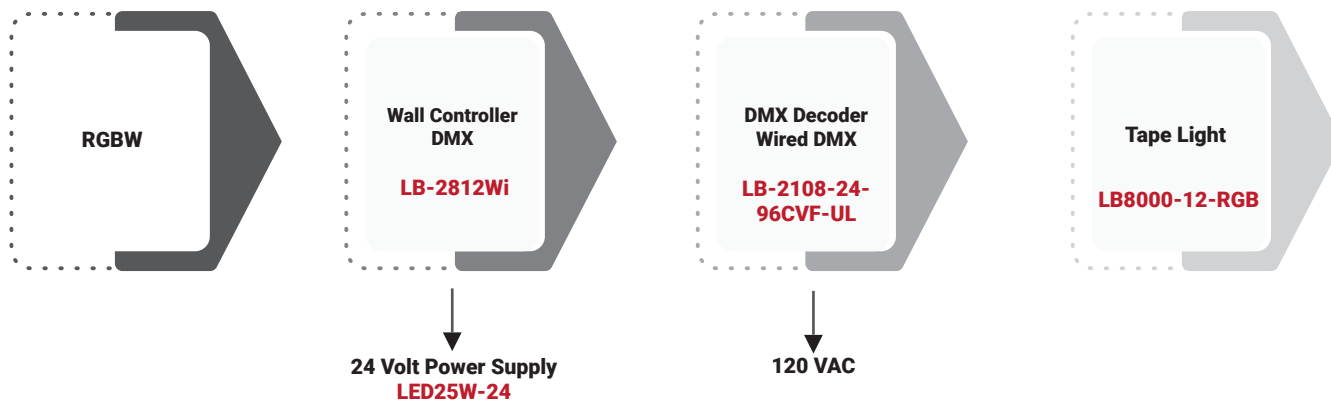
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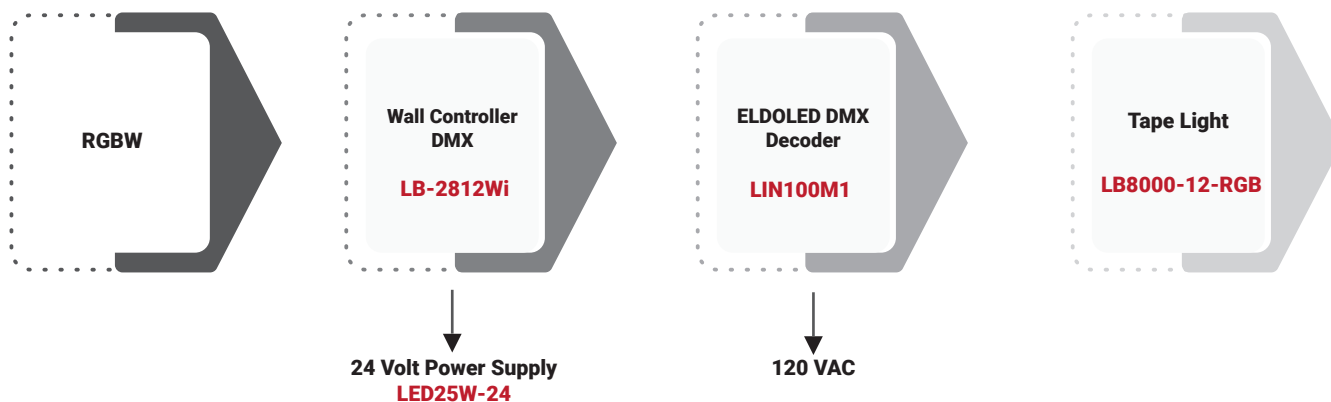
GUIDE DIAGRAM

RGBW Wired (DMX)

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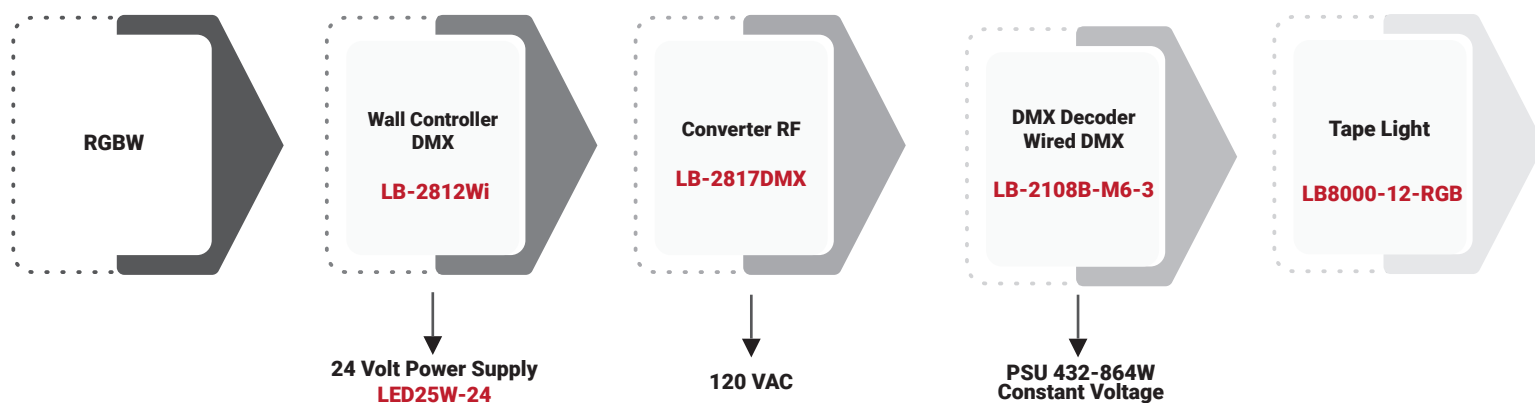
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GUIDE DIAGRAM

RGBW Wireless Control Options VIA RF Converter and Wired DMX.

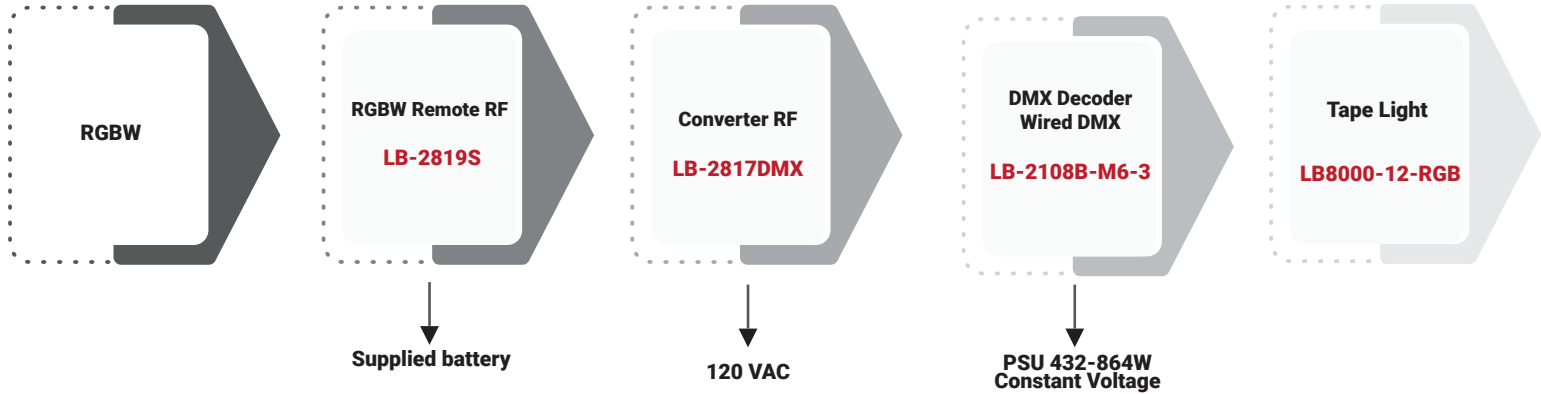
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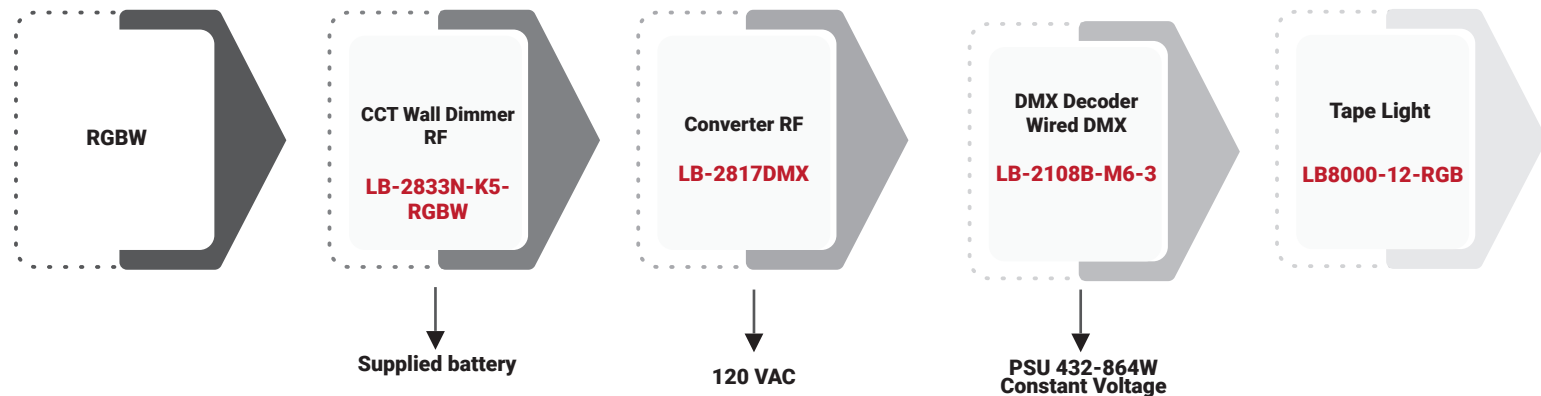
GUIDE DIAGRAM

RGBW Wireless Control Options VIA RF Converter and Wired DMX.

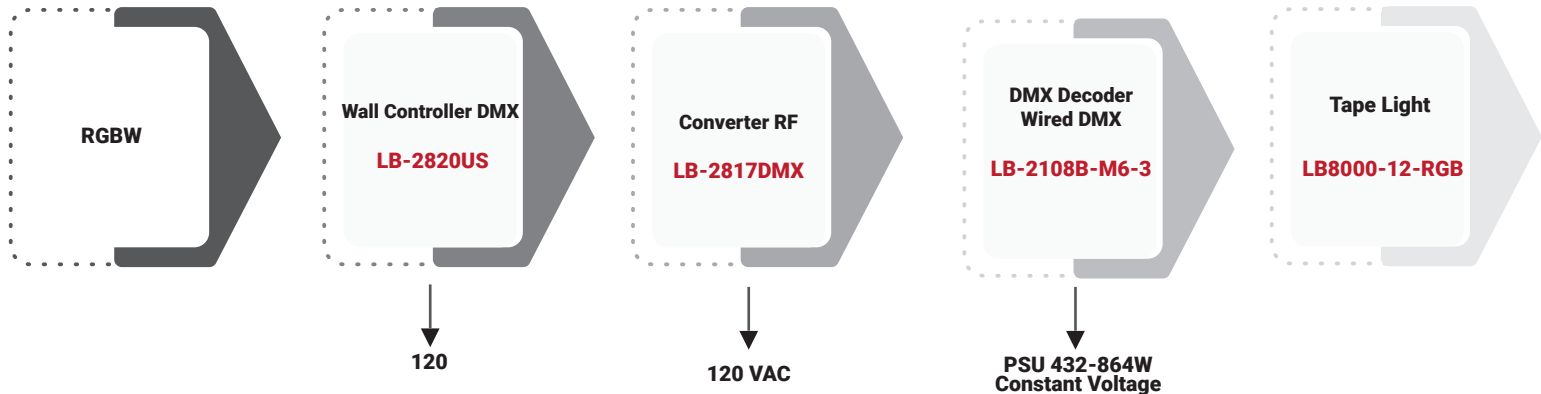
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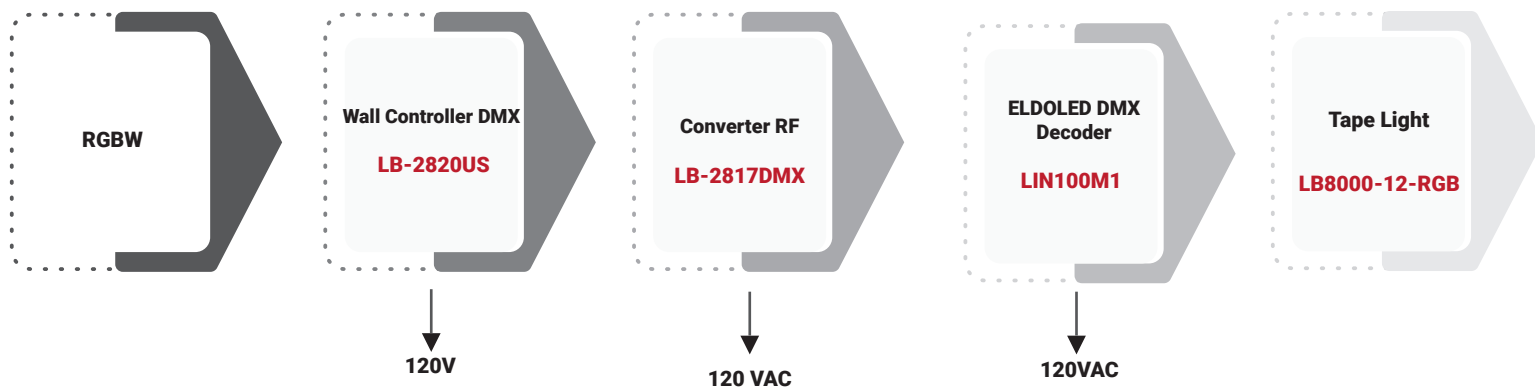
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GUIDE DIAGRAM

RGBW Wireless Control Options VIA RF Converter and Wired DMX ELDOLED.

①



GUIDE DIAGRAM

RGBW Wireless Control.

①

