

LB8000-16-RGBW Series
Outdoor Strip Light
Width / 0.62" / 16mm
Height / 0.66"
IP68



MOUNTING TRACK

FNC-1617-5



Bending Aluminum Track
19" length

FNC-1617-1

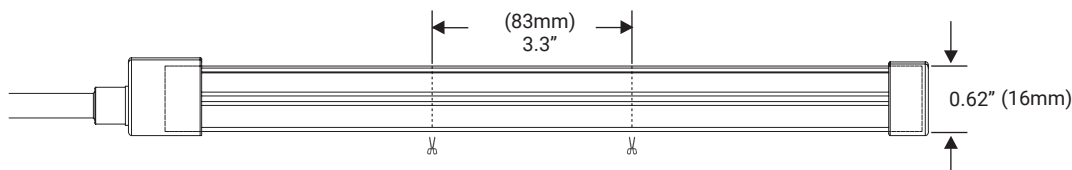


Bending Aluminum Track
39" length

TECHNICAL DETAILS

Power	5.2W/ft
Voltage	24V
IP	IP68
LED Qty	22/ft
Max Run(ft)	16.4ft
Cutting Length	3.3"
Dimensions	W0.62" X H0.66"
Working Temp.	-4F / +122F

DIMENSIONS



FEATURES

The **LB8000-16-RGBW Lumi-PRO Strip Light** is an extremely easy-to-operate, **top-bending flex neon linear lighting solution** designed for both indoor and outdoor applications. It offers versatile **RGBW colors**, providing flexibility to create the desired ambiance and lighting effects in various **indoor or outdoor spaces**.

Designed for easy installation, it can be mounted on different surfaces such as **walls, ceilings, or furniture using adhesive backing or mounting brackets**, making it suitable for **residential, commercial, or hospitality environments**.

Max run up to 16.4ft
Outdoor/ Wet Location (IP68)

Linear lighting

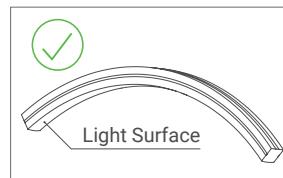
Top Bending

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

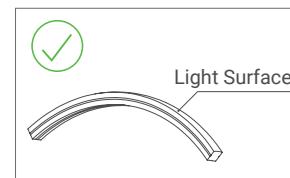
Color Temp. **5.2 W/ft.**

<input type="checkbox"/> 6500K	75 lm/ft
<input checked="" type="checkbox"/> Red	25 lm/ft
<input checked="" type="checkbox"/> Green	50 lm/ft
<input checked="" type="checkbox"/> Blue	15 lm/ft
<input checked="" type="checkbox"/> RGBW	150 lm/ft

BENDING RADIUS / MIN. Bending radius 2.36" (60mm)



Concave Direction

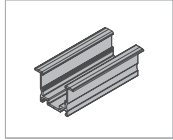


Convex Direction

Experience **unparalleled** performance with our precision-engineered, high-quality **Lumi-PRO LB8000-16-RGBW Outdoor LED Strip Light**, meticulously designed to meet the demands of the **most challenging applications**.

Accessories

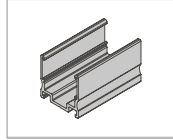
LB8000-16-CH-FL-BR



Extruded Channel
flanged bracket

1.3"x0.7"x0.8"

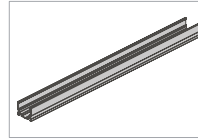
LB8000-16-CH-BR



Extruded Channel
flangeless bracket

1.3"x0.7"x1.1"

LB8000-16-CH



Extruded channel
flangeless

39"x0.7"x0.8"

LB8000-16-CH-FL



Extruded channel
flanged

39"x0.7"x1.1"

LB8000-16-EC



Silicone end cap

0.7"x0.7"x0.74"

LB8000-16-EC-PF-EF



Silicone end cap
power feed

1.1"x0.7"x0.7"

LB8000-16-EC-PF-BF



Silicone end cap Side
bottom power feed

0.9"x1.1"x0.7"

ORDERING SELECTION

Example: LB8000-16-RGBW-5.2W-16F-24V

LB8000-16-RGBW					
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SERIES	WATTAGE	LENGTH	VOLTAGE	MOUNTING TRACK	CONTROLLERS
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LB8000-16-RGBW 5.2W - 5.2W/ft **16F**-16ft/Roll **24V** - 24V
FNC-1617-5 - Bending Aluminum Track 19" length
FNC-1617-1 - Bending Aluminum Track 39" length

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

ACCESSORIES

LB8000-16-CH-FL-BR - Flanged bracket
LB8000-16-CH-BR - Flangeless bracket
LB8000-16-CH - Extruded channel flangeless
LB8000-16-CH-FL - Extruded channel flanged
LB8000-16-EC - Silicone end cap/end
LB8000-16-EC-PF-EF - Silicone end cap/power feed
LB8000-16-EC-PF-BF - Silicone end cap/side bottom power feed



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.

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.

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.



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

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.



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

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

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.



Click on the picture for detailed information.

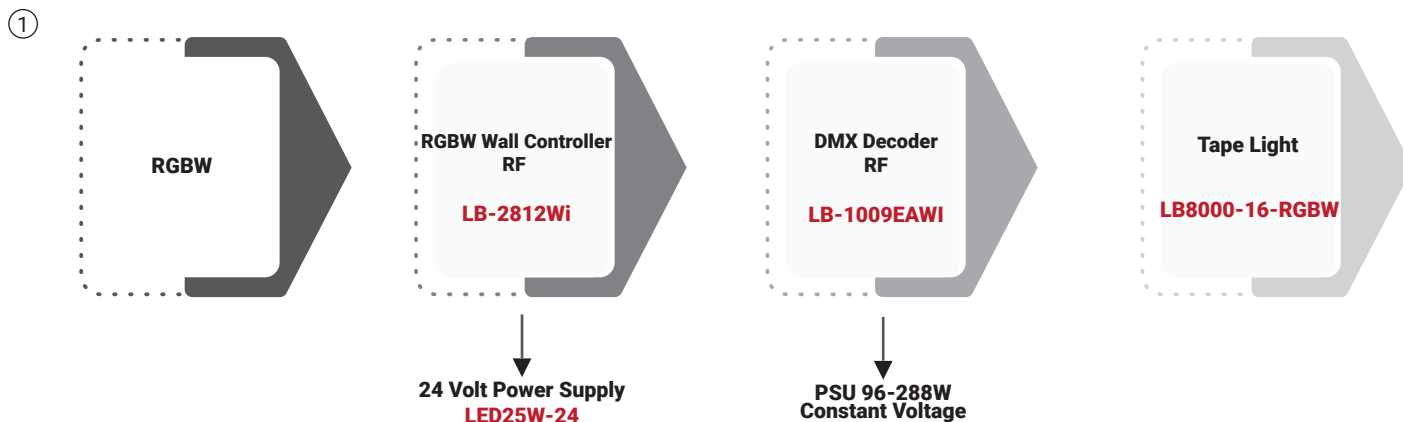
TECHNICAL DETAILS

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

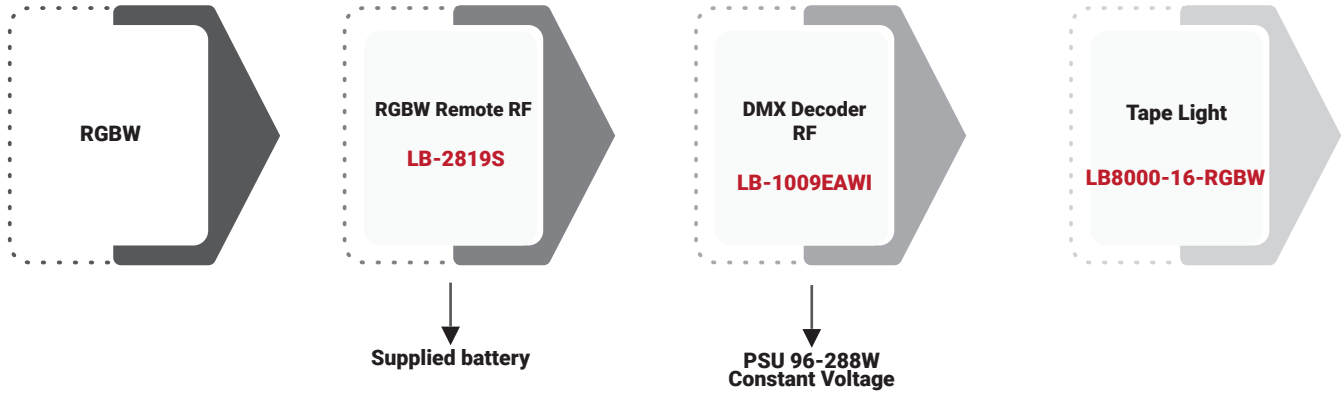
RGBW Wireless Control Options (DMX)



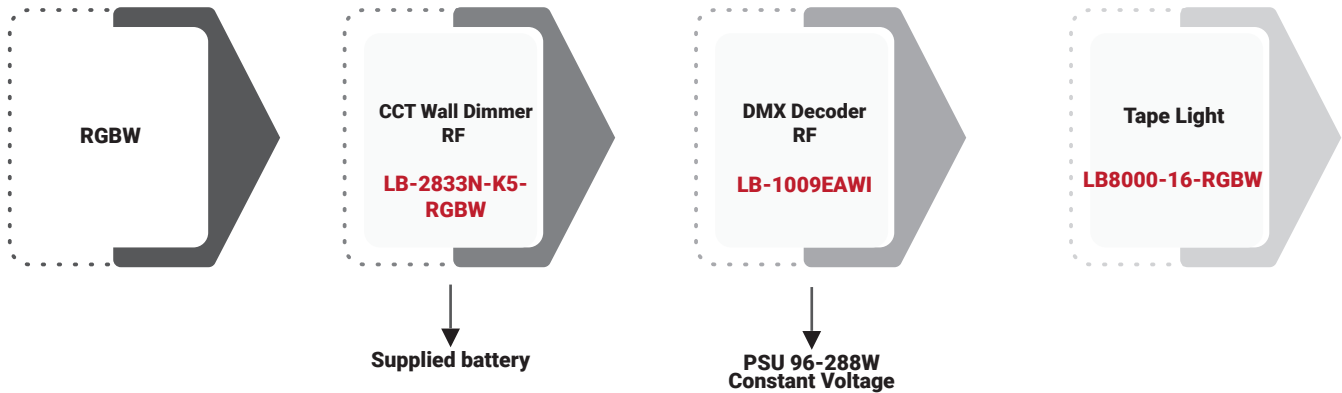
GUIDE DIAGRAM

RGBW Wireless Control Options (DMX)

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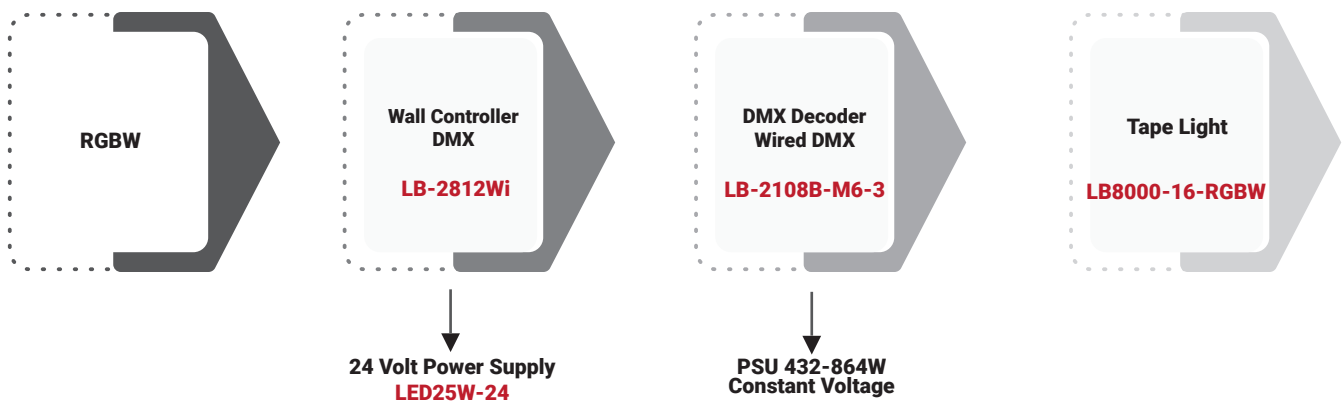
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GUIDE DIAGRAM

RGBW Wired (DMX)

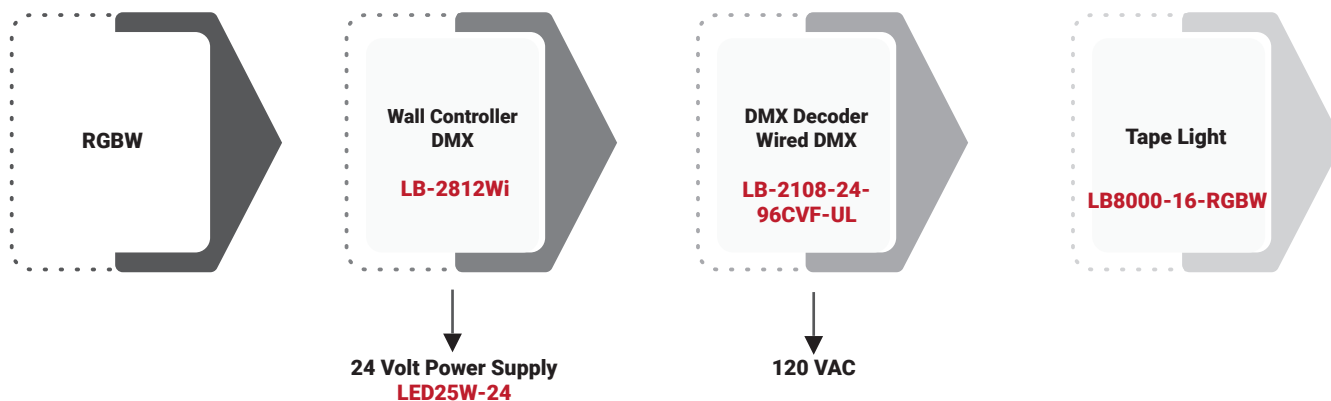
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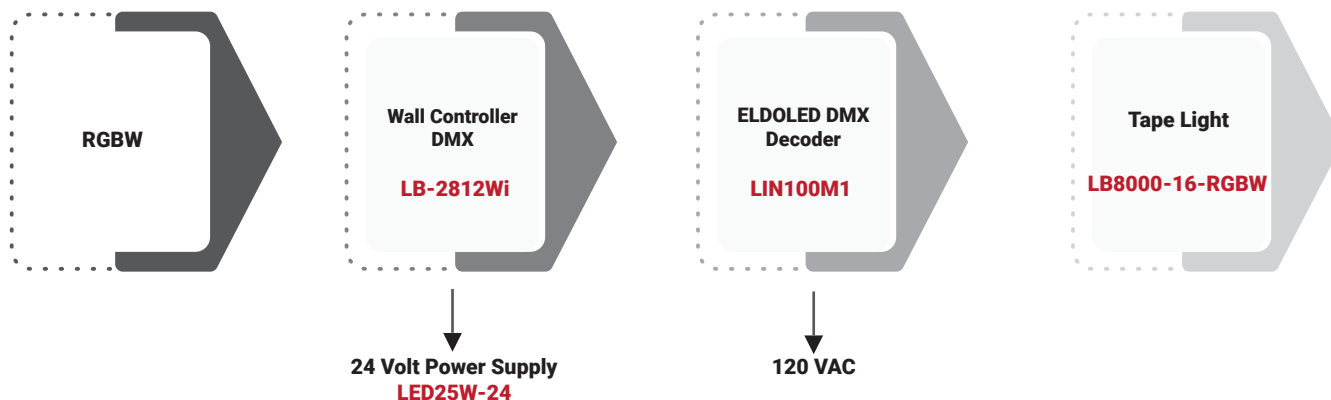
GUIDE DIAGRAM

RGBW Wired (DMX)

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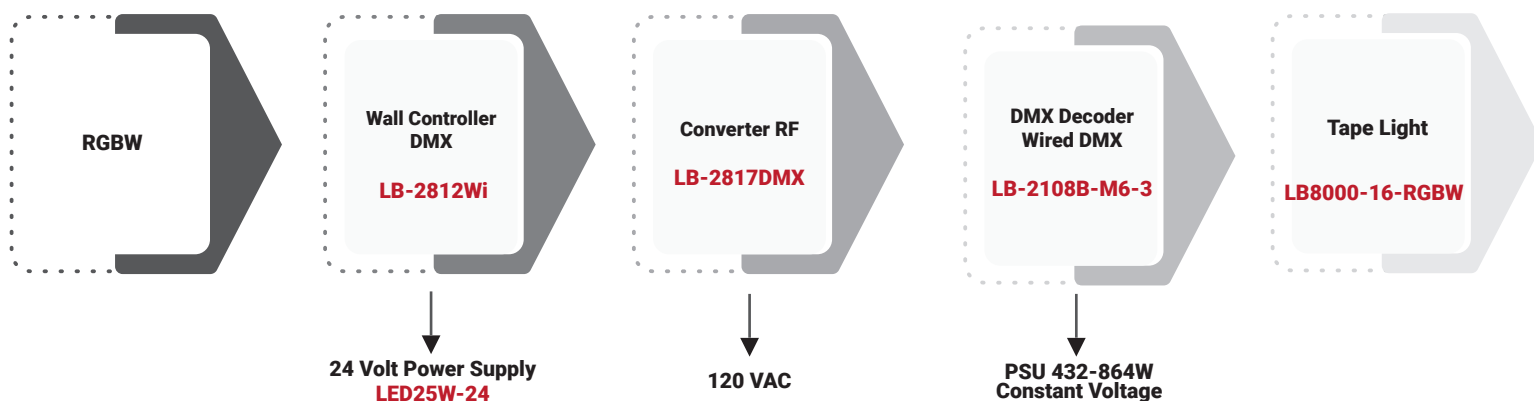
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GUIDE DIAGRAM

RGBW Wireless Control Options VIA RF Converter and Wired DMX.

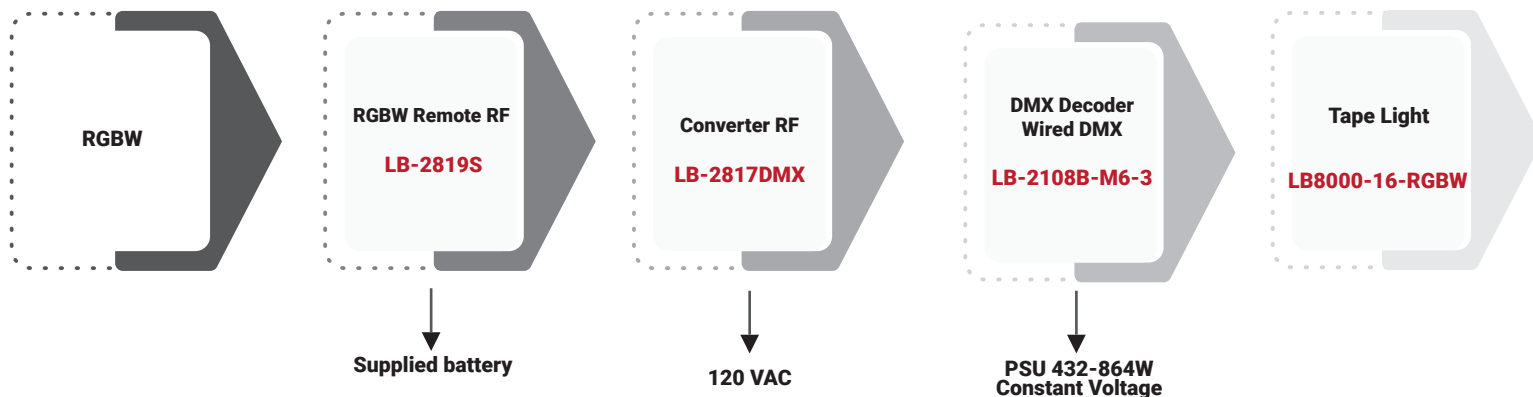
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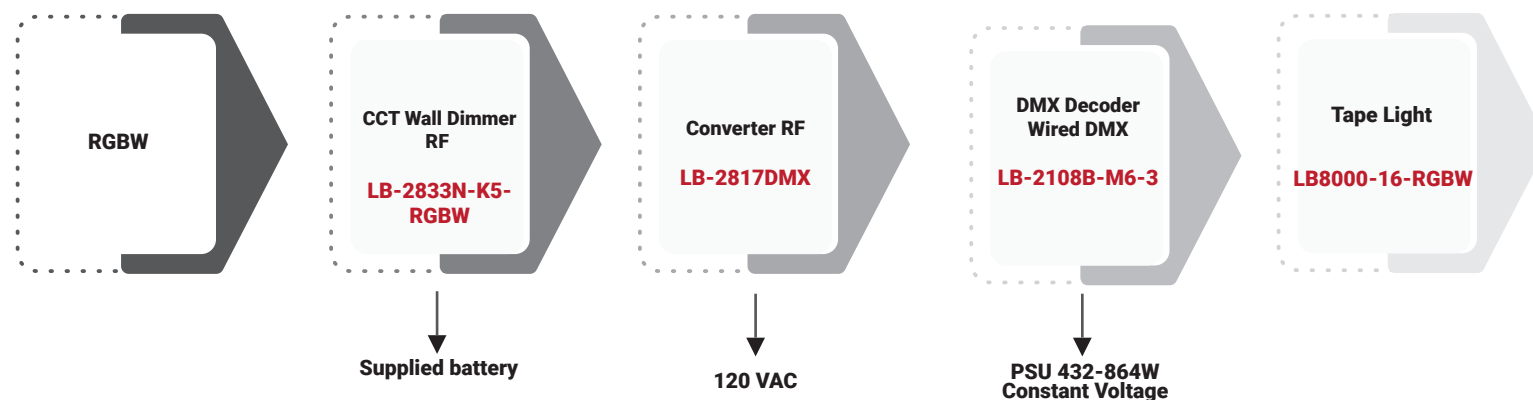
GUIDE DIAGRAM

RGBW Wireless Control Options VIA RF Converter and Wired DMX.

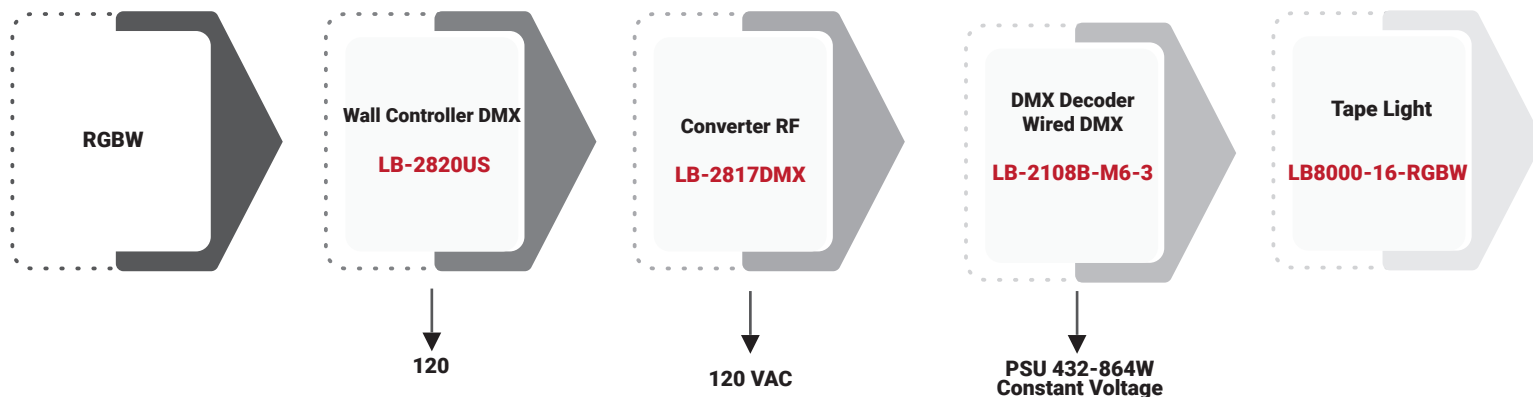
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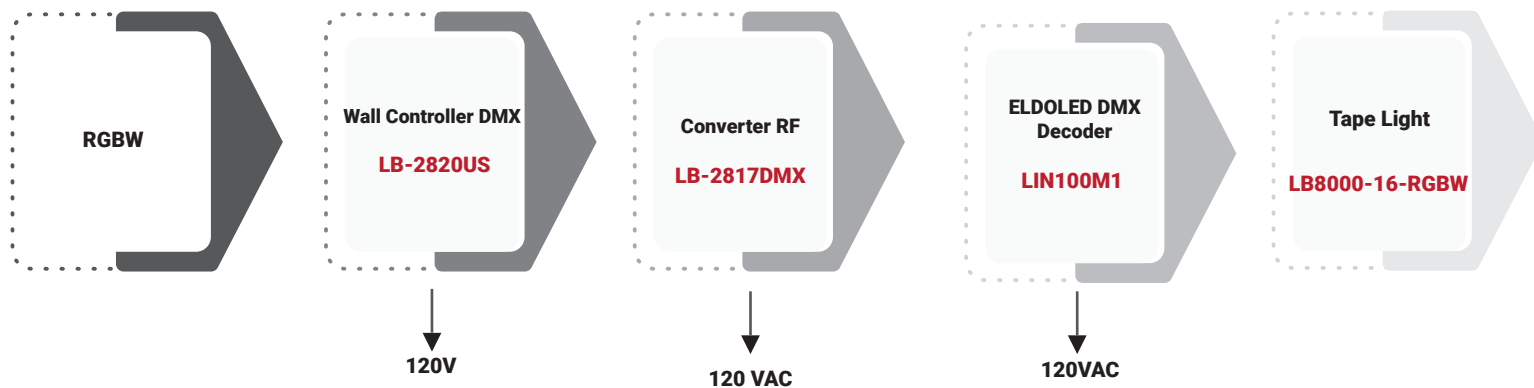
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GUIDE DIAGRAM

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

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GUIDE DIAGRAM

RGBW Wireless Control.

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