

## LB8000-360-RGB Series Tube linear Flex Neon Light IP 65

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



### FEATURES

Illuminate your space with **the LB8000-360-RGB Lumi-PRO round dual bend flex neon**. This cutting-edge lighting solution from Elite Lighting. Use with our state-of-the-art decoders and controllers, offering versatility and control. Whether you're aiming for a calming blue, a fiery red, or a refreshing green, the LB8000-360-rgb's **precise color mixing capabilities will bring your vision to life with finesse**.

Moreover, with the option for **ELDO LED Linear drive**, you can further enhance the **performance of your lighting design**, ensuring a seamless and captivating ambiance for any project. Elevate your lighting experience **with the LB8000-360-rgb and explore a spectrum of possibilities**.

Max run up to 16.4ft

Indoo/outdoor Location (IP65)

**360 degree lighting**

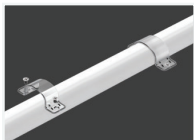
Dual bend

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

Color	5.9 W/ft.
Red	45 lm/ft
Green	140 lm/ft
Blue	30 lm/ft
RGB	205 lm/ft

### ACCESSORIES

#### PC



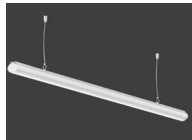
**Plastic clip** for ceiling-mounted and wall-mounted installation.

#### CMK



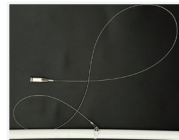
**Ceiling Kit** - includes steel cable and PC groove, each 3ft in length. PC groove Customizable within a 9.5ft length.

#### HPMK



**Horizontal Pendant Kit** - PC groove, 3ft length, and pendant wire. PC groove Customizable within a 9.5ft length.

#### PMK



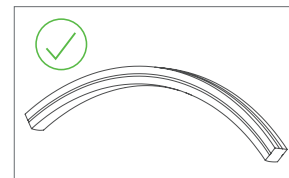
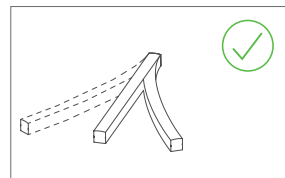
**Pendant Kit** - Steel cable, 3ft length, and hook.

Experience **unparalleled** performance with our precision-engineered, high-quality **Lumi-PRO LB8000-360-RGB LED Strip Light**, meticulously designed to meet the demands of the **most challenging applications**.

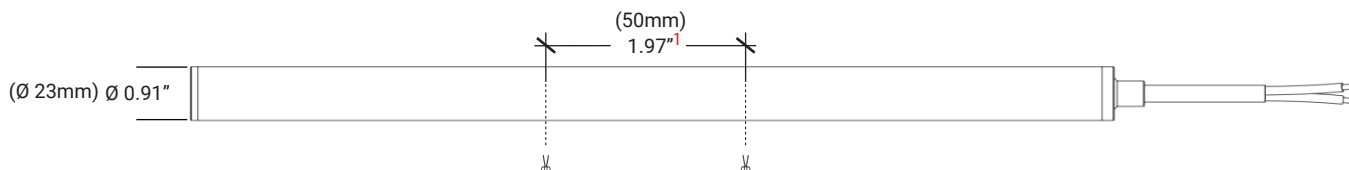
### TECHNICAL DETAILS

Power	5.9W/ft
Voltage	24V
IP	IP65
LED Qty	73ft
Max Run(ft)	16.4 ft
Cutting Length	Every 1.97" <sup>1</sup>
Dimensions	Ø 0.91" X L197"
Working Temp.	-4F / +122F

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



### DIMENSIONS



<sup>1</sup>.For optimal results, we recommend that lengths be customized at the factory, as the cutting marks may not be easily visible on the body of the FLEX NEON.



## ORDERING SELECTION

Example: LB8000-360-RGB-5.9W-16F-24V

LB8000-360-RGB						
SERIES	WATTAGE	LENGTH	VOLTAGE	ACCESSORIES	CONTROLLERS	DRIVER
LB8000-360-RGB	5.9W - 5.9W/ft	16F CUS_ -16ft / Roll -Custom (Cutting length every 1.97")	24V - 24V	PC - Plastic Clip CMK - Ceiling Kit HPMK - Horizontal Pendant Kit PMK - Pendant Kit	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	Refer to the next pages for available options.

## RGB / Wall Controller RF

### Power Supply

Voltage in 100V/277V

Voltage out 24V



ED-96W-24V-TRIAC-DIM10



ED-192W-24V-TRIAC-DIM10



ED-288W-24V-TRIAC-DIM10

### LED Receiver

#### LB-1009EAWi

<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"



LB-1009EAWi

## WALL CONTROLLER

#### LB-2820US

<b>Output Signal</b>	RF Signal
<b>Power Supply</b>	12-24 DC



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

Wall Control



Control 1 zone.

LED Tape Light



LB8000-360-RGB



## RGB / Remote Controller RF

### Power Supply

Voltage in 100V/277V

Voltage out 24V



ED-96W-24V-TRIAC-DIM10



ED-192W-24V-TRIAC-DIM10



ED-288W-24V-TRIAC-DIM10

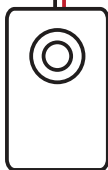
### LED Receiver

#### LB-1009EAWi

<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"



LB-1009EAWi



Remote Control

#### REMOTE CONTROLLER

LB-2819S

<b>Output Signal</b>	RF Signal
<b>Power Supply</b>	3XAAA battery)



Control 4 zones.

LED Tape Light



LB8000-360-RGB

## RGB / Wall Dimmer Controller RF

### Power Supply

Voltage in 100V/277V

Voltage out 24V



ED-96W-24V-TRIAC-DIM10



ED-192W-24V-TRIAC-DIM10



ED-288W-24V-TRIAC-DIM10

### LED Receiver

#### LB-1009EAWi

<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"

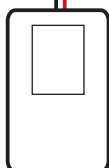


LB-1009EAWi

## WALL DIMMER CONTROLLER

#### LB-2833N-K5-RGBW

<b>Output Signal</b>	RF Signal
<b>Power Supply</b>	3V (CR2032 battery)



Wall Control



Control 1 zone.

LED Tape Light



LB8000-360-RGB

## RGB / DMX Wired

### Power Supply

Voltage in 100V/277V

Voltage out 24V



ED-96W-24V-TRIAC-DIM10



ED-192W-24V-TRIAC-DIM10



ED-288W-24V-TRIAC-DIM10



ED-384W-24V-TRIAC-DIM10

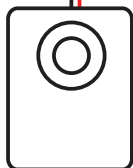
### DMX Decoder

#### LB-2108B-M6-3

<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"



LB-2108B-M6-3



Wall Control

### WALL CONTROLLER

#### LB-2812-Wi

<b>Output Signal</b>	DMX + WiFi Signal
<b>Power Supply</b>	12-24 VDC



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



Control 3 zones.

LED Tape Light



LB8000-360-RGB

## RGB / DMX WiFi

### Power Supply

Voltage in 100V/277V

Voltage out 24V



ED-96W-24V-TRIAC-DIM10



ED-192W-24V-TRIAC-DIM10



ED-288W-24V-TRIAC-DIM10



ED-384W-24V-TRIAC-DIM10

### DMX Decoder

#### LB-2108B-M6-3

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



LB-2108B-M6-3

### Converter

#### LB-2817DMX

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

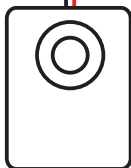


LB-2817DMX

## WALL CONTROLLER

#### LB-2812-Wi

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



Wall Control



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



Control 3 zones.

LED Tape Light



LB8000-360-RGB

## RGB / ELDOLED AC to DC - DMX WiFi

### Power Supply

Voltage in 100V/277V

Voltage out 24V

### LIN100M1

<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"



LIN100M1

### DMX Converter

### LB-2817DMX

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

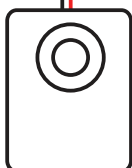


LB-2817DMX

## WALL CONTROLLER

### LB-2812-Wi

<b>Output Signal</b>	DMX + WiFi Signal
<b>Power Supply</b>	12-24 VDC



Wall Control



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



Control 3 zones.

LED Tape Light



LB8000-360-RGB



## RGB / ELDOLED AC to DC - DMX Wired

### Power Supply

Voltage in 100V/277V

Voltage out 24V

### LIN100M1

<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"

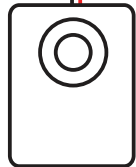


LIN100M1

### WALL CONTROLLER

LB-2812-Wi

<b>Output Signal</b>	DMX + WiFi Signal
<b>Power Supply</b>	12-24 VDC



Wall Control



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



Control 3 zones.

LED Tape Light



LB8000-360-RGB

## RGB / AC to DC DMX WiFi

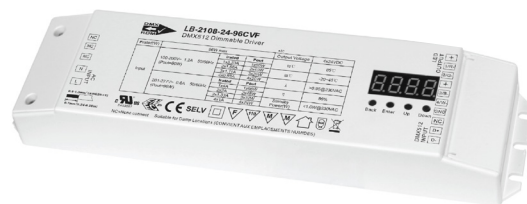
### Power Supply

Voltage in 100V/277V

Voltage out 24V

### LB-2108-24-96CVF-UL

<b>Input Voltage</b>	120-277 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"



**LB-2108-24-96CVF-UL**

### Converter

### LB-2817DMX

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

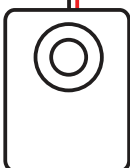


**LB-2817DMX**

## WALL CONTROLLER

### LB-2812-Wi

<b>Output Signal</b>	DMX + WiFi Signal
<b>Power Supply</b>	12-24 VDC



**Wall Control**



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



**Control 3 zones.**

LED Tape Light



**LB8000-360-RGB**

## RGB / AC to DC - DMX Wired

### Power Supply

Voltage in 100V/277V

Voltage out 24V

### LB-2108-24-96CVF-UL

<b>Input Voltage</b>	120-277 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"

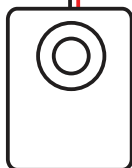


**LB-2108-24-96CVF-UL**

## WALL CONTROLLER

### LB-2812-Wi

<b>Output Signal</b>	DMX + WiFi Signal
<b>Power Supply</b>	12-24 VDC



**Wall Control**



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



**Control 3 zones.**

LED Tape Light



**LB8000-360-RGB**



## 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.

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

### 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.

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

### 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





## 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.

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

### 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

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.



### 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 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

### TECHNICAL DETAILS

<b>Output Signal</b>	DMX512 Signal
<b>Voltage</b>	120 VAC
<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"