



FEATURES

The Optics-Side Bend Flexible LED Wall Washer Strip Light is a high-performance linear lighting solution engineered for architectural wall washing and grazing applications where precision, uniformity, and flexibility are essential. Featuring a side-bending flexible design with precision optics available in 10° and 30° beam angles, and an integrated anti-glare housing for enhanced visual comfort, it delivers powerful, controlled illumination with exceptional beam uniformity.

Its flexible construction enables seamless installation on curved architectural surfaces. Cuttable every 6.5 in. (4 modules / 8 LEDs), this 24V DC LED strip is available in 2700K, 3000K, and 4000K color temperatures with a CRI of 90+ and an IP65 rating for outdoor applications.

Ideal for architectural wall washing, wall grazing, building façades, columns, landscape walls, bridges, and curved architectural elements, this versatile LED strip is designed to enhance both indoor and outdoor commercial, hospitality, and architectural environments.

Wet-Location IP65

Side Bend

Optic Options: 10°, 30°

Housing Material: High-Durability Polymer

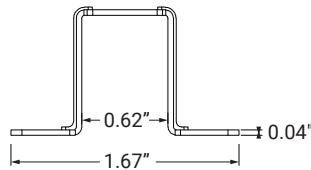
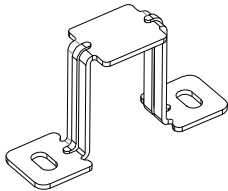
Average Life (L70) 50,000 hours

Warranty: 5-year indoor warranty, 3-year outdoor warranty for parts (labor not included)

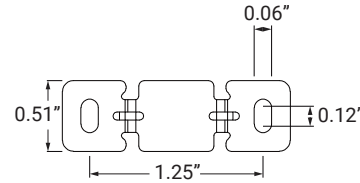
Color Temp.	12.2W/FT (10°)	lm/W	12.2W/FT (30°)	lm/W
2700K	850 lm/ft	70lm/W	980 lm/ft	80lm/W
3000K	900 lm/ft	75lm/W	1040 lm/ft	85lm/W
4000K	980 lm/ft	80lm/W	1100 lm/ft	90lm/W

MOUNTING CLIP

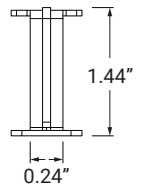
ACC-CL-LB7000E2-WW



Front-View



Top-View



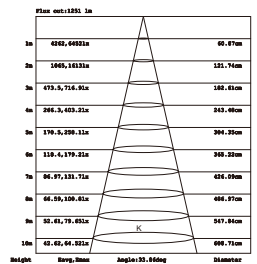
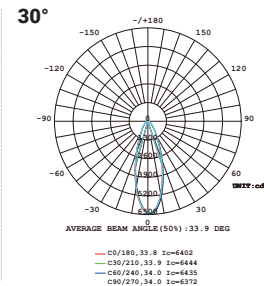
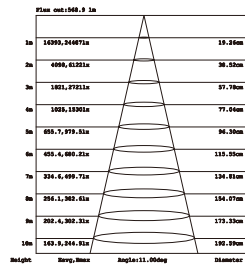
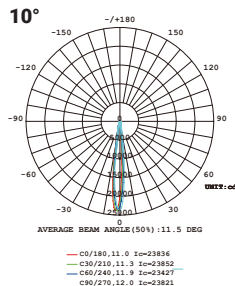
Side-View

16 Mounting Clips Included

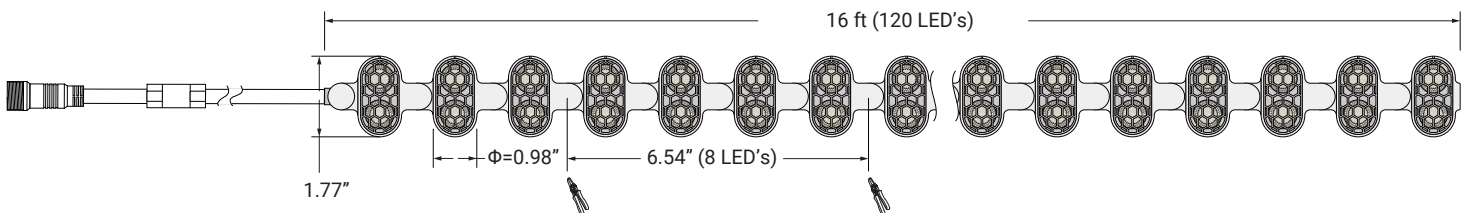
TECHNICAL DETAILS

Power	12.2 W/FT
Voltage	24V
CRI	90+
LED's Qty	8 LED's per cut
Max Run(ft)	16 ft
Cutting Length	Every 6.54" (not field cuttable)
Dimensions	W1.77" X H1.41"
Working Temp.	-4°F to 104°F (-20°C to 40°C)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

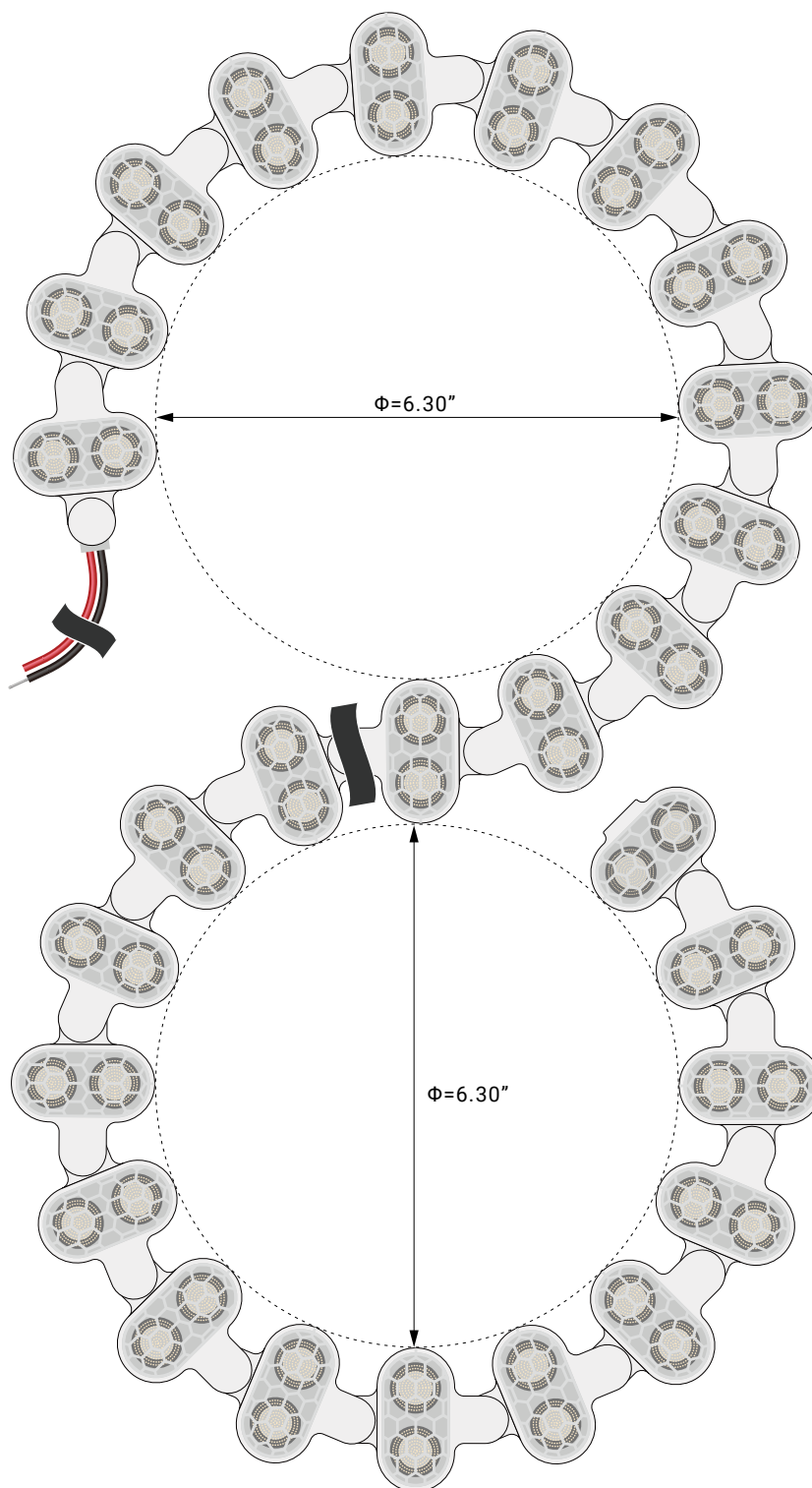


DIMENSIONS



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

MINIMUM BEND DIAMETER





ORDERING SELECTION

Example: LB-7000E2-WW-12W-16F-27K-10D-24V

SERIES	WATTAGE	LENGTH	CCT	OPTICS	VOLTAGE	ACCESSORIES	² DRIVER
LB-7000E2-WW	12W - 12.2W/ft	16F - 16ft Roll ¹ CUS - Custom (Cutting length every 6.54")	27K - 2700K 30K - 3000K 40K - 4000K	10D - 10° 30D - 30°	24V - 24V	ACC-CL-LB7000E2-WW - Mounting Clip 16 Mounting Clips Included	Refer to the next pages for available options.

² CONTROLLERS

LB-2830A - RF single color controller
LB-2833N-K5-MONO - RF single color dimmer
LED25W-24 - Power supply
LB-1009EAWI - RF+WiFi receiver

1. The Wall Washer LED Strip Light is not field-cuttable; custom lengths must be made at the factory.
2. LED Drivers, controllers, and receivers are not IP65 rated.

Static White / Wall Controller (RF Signal)

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

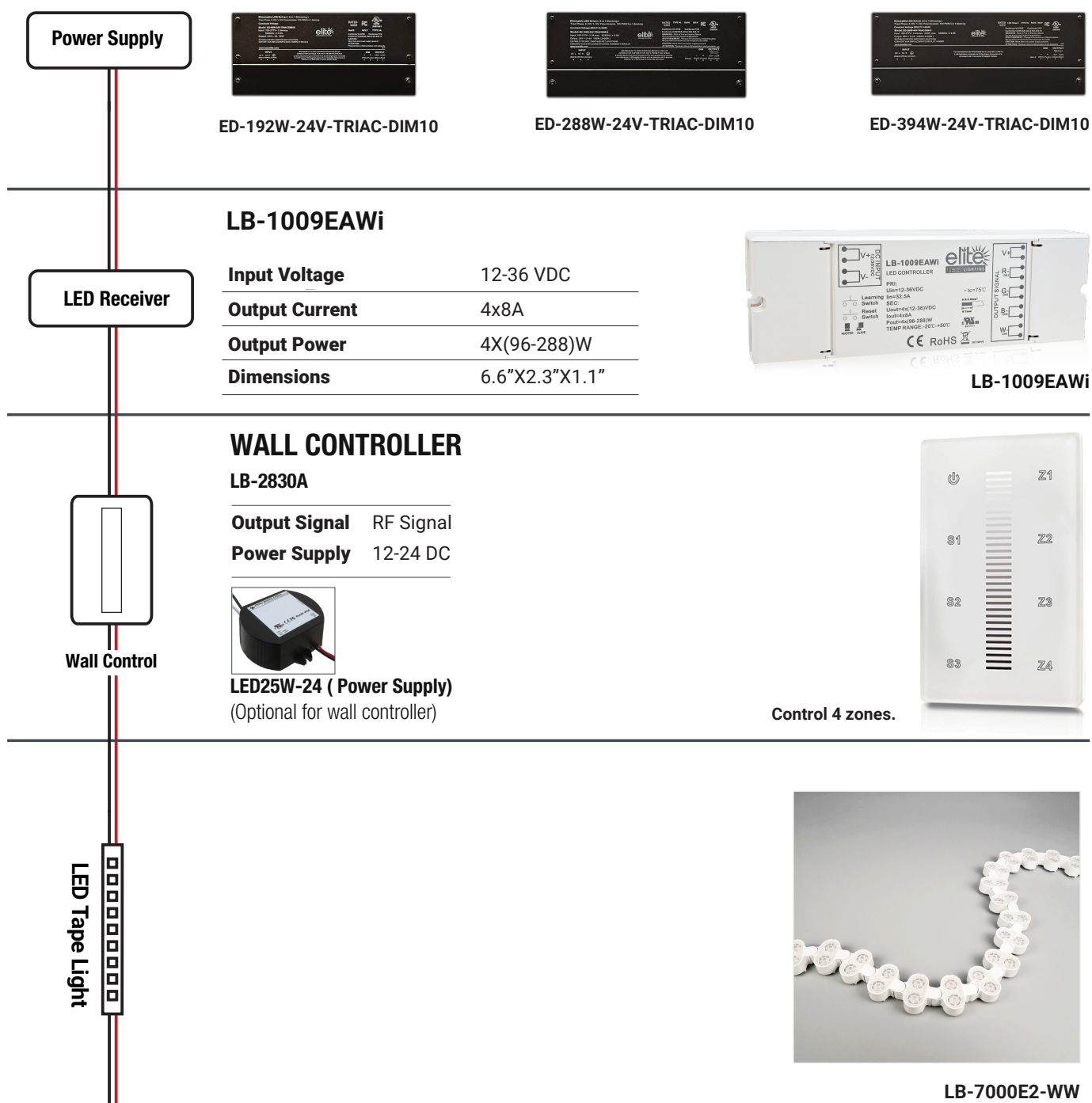
Driver – Powers the strip light.

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.



Static White / 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-394W-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"

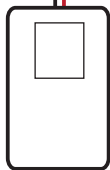


LB-1009EAWi

WALL DIMMER CONTROLLER

LB-2833N-K5-MONO

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



Wall Control



Control 1 zone.

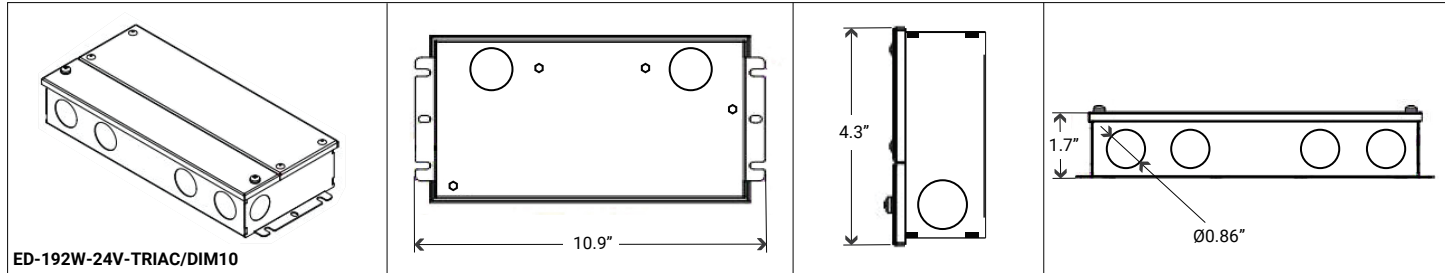
LED Tape Light



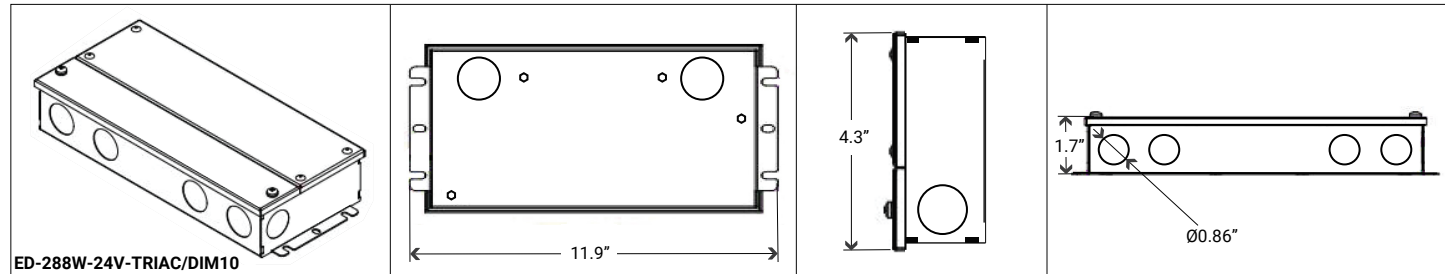
LB-7000E2-WW

Triac-Phase Cut/Triac ELV/0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable
PN: ED-192W-24V-TRIAC/DIM10

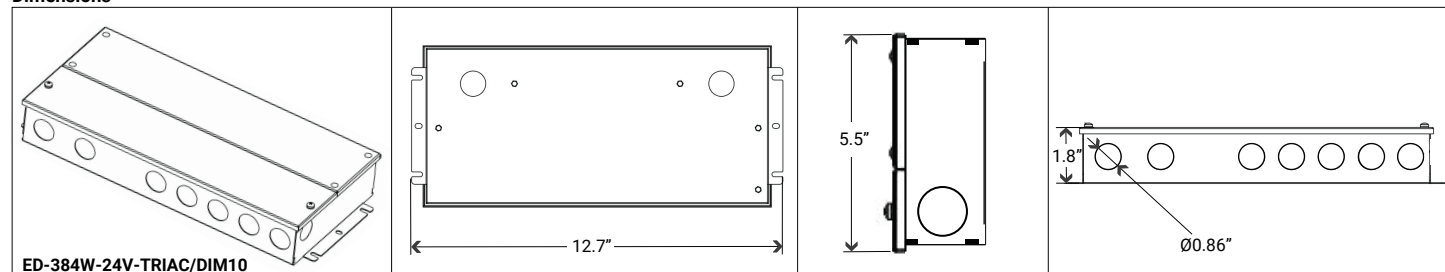
Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-192W-24V-TRIAC/DIM10	100-277VAC	24V	192W	Multi 2X96W	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

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

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




LB-2830A RF Single Color Controller

- Ultra-sensitive, high-strength glass touch panel features a color line for accurate, fast, and precise brightness control.
- Control 4 different zones separately or synchronously with endless receivers in each zone.
- Save 3 brightness or scenes for each zone.
- 256-level brightness adjustment for each white.
- Receivers can work with WiFi-RF converter after installing "Easylighting" app on IOS and android systems.

TECHNICAL DETAILS

Output Signal	RF 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"
Mounting	Wall Mount
Color	White

Certifications	FCC / RoHS
Zones	4
Frequency	916.5MHz
Surface	Glass
Control	Single Color
Warranty	5-Year limited warranty



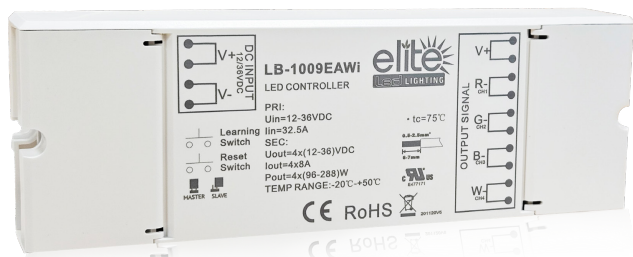
LB-2833N-K5-MONO Single Color Dimmer

RF wireless Single Color Remote can control 1 zone of receiver. This single 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.**

TECHNICAL DETAILS

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"
Color	White

Certifications	FCC / RoHS
Zones	Control 1 Zone of receiver
Frequency	916.5MHz
Rated	IP20
Warranty	5-Year 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-Year 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