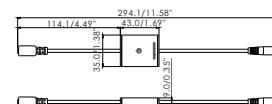


## LED Controllers & Power Supplies

The scope and depth of expertise in LED control systems make **LED Envirolite** a valued partner in lighting projects to realize imaginable effects of colour changing, dimming, and CCT adjustment, etc. We integrate the technology of sensing, wireless USB, remote control, touch interface and wifi communication into our controllers. **LED Envirolite** is straight ahead among competitors thanks to unique design and excellent function in software and hardware.



Size: ( mm )



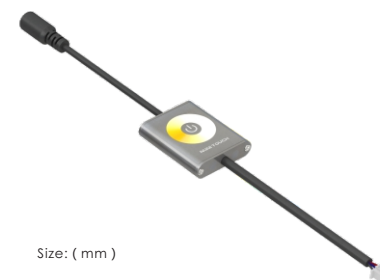
LE-00W-D2-01

### Features:

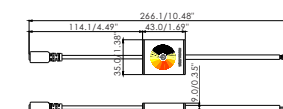
Used to control normal monochrome strips and low voltage monochrome LED light, MCU built-in hardware PWM dimming, dimming smoothly, no flickering. Humanized design, touch control. High power MOS driver, drive current is 5A.

### Technical parameters

Model number	LE-00W-D2-01
Output channels	Single channel
Voltage	DC12V
Max load current	5A
Output power	60 W
Touch sensing method	Electrostatic induction
Weight	52.8g



Size: ( mm )



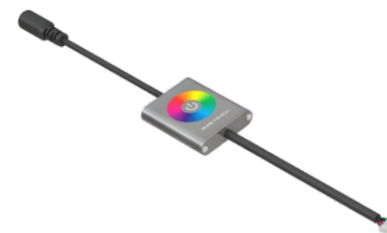
LE-0DWC-D2-01

### Features:

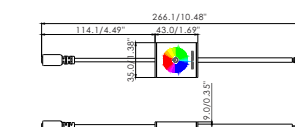
Used to control normal White/Warm White strips and low voltage White/Warm White LED light, MCU built-in hardware PWM dimming, dimming smoothly, no flickering. Humanized design, touch control. High power MOS driver, drive current is 6A.

### Technical parameters

Model number	LE-0DWC-D2-01
Output channels	W/WW double channel
Voltage	DC12V
Max load current	3A for each channel
Output Power	72 W
Touch sensing method	Electrostatic induction
Weight	48.1g



Size: ( mm )



LE-0RGB-D2-01

### Features:

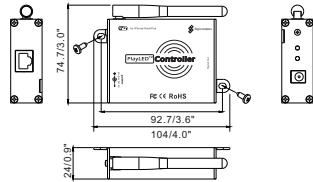
Used to control normal RGB strips and low voltage RGB LED light, MCU built-in hardware PWM dimming, dimming smoothly, no flickering. Humanized design, touch control. High power MOS driver, drive current is 9A.

### Technical parameters

Model number	LE-0RGB-D2-01
Output channels	RGB3 channels
Voltage	DC12V
Max load current	3A for each channel
Output power	108 W
Touch sensing method	Electrostatic induction
Weight	48.6g



Size: ( mm )

**LE-RGBC-WIFI-00****Description:**

Used to control 5V-24V RGB Digital Ribbon LED strip. Can be used with iPhone / iPod / iPad or Android device(mobile phone, tablet PC) to control color, brightness and changing patterns of the LED strip.

**Features:**

1. Work with Apple IOS4.1 above system or Android 2.1 above system;
2. Free software download from apple or Android store;
3. Compatible with several kind of chips including LPD1109, SM16716, LPD6803, LPD8803, WS2801, TM1803, TM1809;
4. Humanity IOS software GUI design, easy to use;
5. 347 predefined pattern and 50 customer mode;
6. RJ-45 interface for output;
7. Compatible with different voltage digital RGB strip.

**Technical parameters**

Model number	LE-RGBC-WIFI-00
Voltage	5V-24V DC
Output power(MAX)	100W
Control distance	>20m
Weight	130g
Accessories	Controller, RJ-45 output cable, User Manual

**LE-RGBC-WIFI-01****Description:**

Used to control 5V-24V RGB LED strip and low voltage LED lights, etc. Automatically adapt to DC 5V-24V input voltage, apply to most normal RGB LED products. Can use iPhone/iPod/iPad and Android devices to control the color, brightness, modes of the lights.

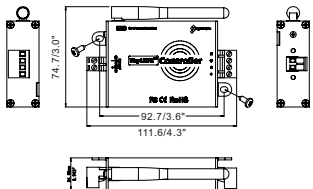
**Features:**

1. Apply to above Apple 4.1 and Android 2.2 system.
2. Can download the control software from Apple and Android system for free.
3. Humanized interface design for easy use.
4. 36 predefined modes.
5. 50 customized modes.
6. 50 DIY gradual change modes.

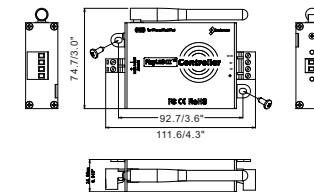
**Technical parameters**

Model number	LE-RGBC-WIFI-01
Voltage	5V-24V DC
Output power(MAX)	30W/72W/144W
Control distance	>20m
Weight	49.8g

Size: ( mm )



Size: ( mm )

**LE-00W-WIFI-02****Description:**

Used to control 5V-24V monochrome or white/warm white LED strip, low voltage lights. Can use iPhone/iPod/iPad or Android devices to control color and brightness of lights.

**Features:**

1. Apply to Apple IOS 4.1 or Android 2.1 system or above.
2. Free software PlayLEDIII download from Apple or Android store.
3. Humanity software GUI design, easy to use.

**Technical parameters**

Model number	LE-00W-WIFI-02
Voltage	5V-24V DC
Output power(MAX)	120W(12V)240W(24V)
Control distance	>20m
Weight	120.8g
Output current	W and WW 2 channels, Max. current of each channel is 5A

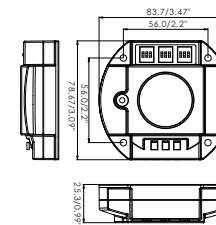
**LE-000W-AW-01****Features:**

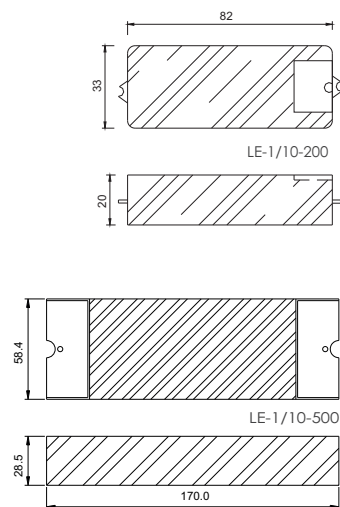
This product use Doppler principle and advanced spectrum analysis technology, it can detect a moving object accurately. Compared with infrared detecting products, it has the feature of strong anti-interference, no false alarm, etc. This product has photosensitizer inducer which can adjust the brightness of light (make sure the light has the dimming function first)

Application: Indoors, corridor, parking lot, etc.

**Technical parameters**

Model number	LC-000W-AW-01
Max load power	500W
Working temperature	-30°C-55°C
Microwave frequency	10.525GHz±5MHz
Microwave launch power	1mW
Microwave sensing distance 2 levels	5m/10m
Environmental illumination 8 levels	50~1500LUX
Hold time 8 levels	10 seconds~30 minutes
Weight	97.6g

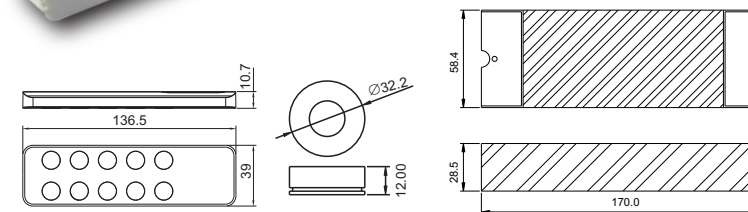




Compatible: Lutron DIVA DTV

Analog dimming driver, receives standard 1-10V signal input.  
0% - 100% dimming range via logarithmic characteristic.  
256 Grey Scale, soft & smoothly dims without any flash.  
To work with power repeater to expand output unlimitedly.

Model No.	Input Voltage	Max load current	Max Output Power	Signal Channel	Load Type	Ta	Tc
LE-1/10-200	12-36VDC	1 × 8A	1 × (96 -288)W	1CH1-10V Input/1CH PWM Output	Regular LED (0.04-0.1W)	-20℃ +50℃	+75℃
LE-1/10-201	12-36VDC	1 × 0.350A	1 × ( 4.2 -12.6)W	1CH1-10V Input/1CH PWM Output	High Power LED (1W)	-20℃ +50℃	+75℃
LE-1/10-202	12-36VDC	1 × 0.70A	1 × ( 8.4 -25.2)W	1CH1-10V Input/1CH PWM Output	High Power LED (3W)	-20℃ +50℃	+75℃
LE-1/10-500	12-36VDC	4 × 8A	4 × ( 96 -288)W	4CH1-10V Input/4CH PWM Output	Regular LED (0.04-0.1W)	-20℃ +50℃	+75℃
LE-1/10-501	12-36VDC	4 × 0.350A	4 × ( 4.2 -12.6)W	4CH1-10V Input/4CH PWM Output	High Power LED (1W)	-20℃ +50℃	+75℃
LE-1/10-502	12-36VDC	4 × 0.70A	4 × ( 8.4 -25.2)W	4CH1-10V Input/4CH PWM Output	High Power LED (3W)	-20℃ +50℃	+75℃



Reliable & stable switch with dimming control function, control range ≥20M.  
Battery in the remote has a long life span. It normally can last up to 5 years.  
256 levels logarithmic dimming, ideal for human eye sensitivity to lighting,  
dimming smoothly without any flash.

Switch on/off with Soft start & Soft off. Use with power repeater to expand  
the output power unlimitedly. Dimming range 0.1-100%

### Remote

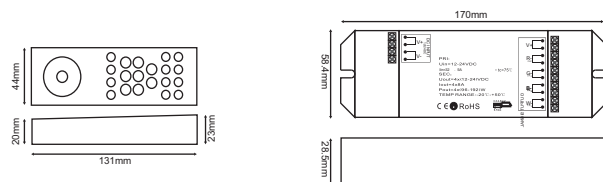
Model No.	Operation Voltage	Operation Frequency	Ta	Approval
LE-RFR-280	3VDC	434MHz/868MHz	-20℃ +50℃	CE/FCC/RoHS
LE-RFR-287	3VDC	434MHz/868MHz	-20℃ +50℃	CE/FCC/RoHS

### Dimmer Pack

Model No	Input Voltage	Max load current	Max Output Power	Load Type	Ta	Tc	Approval
LE-RFDM-251A	12-36VDC	4 × 5A	4 × (60 -180)W	Regular LED (0.04-0.1W)	-20℃ +50℃	+75℃	CE/Rohs
LE-RFDM-252A	12-36VDC	4 × 0.350A	4 × ( 4.2 -12.6)W	High Power LED (1W)	-20℃ +50℃	+75℃	CE/Rohs
LE-RFDM-253A	12-36VDC	4 × 0.70A	4 × ( 8.4 -25.2)W	High Power LED (3W)	-20℃ +50℃	+75℃	CE/Rohs

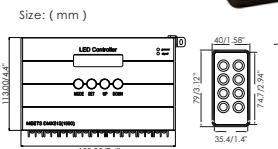
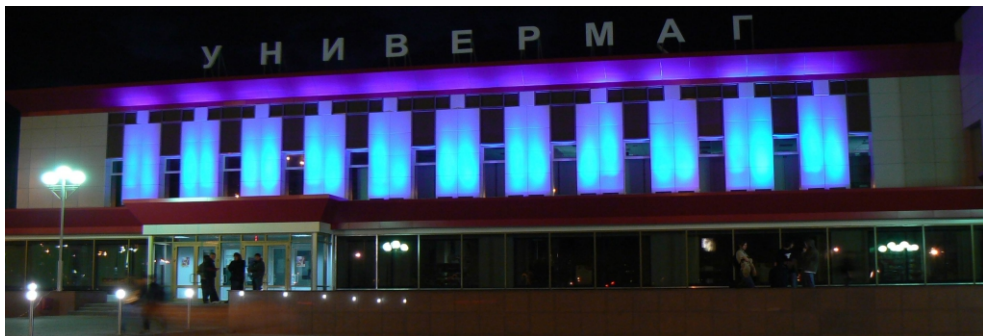


Touch sensitive colour wheel, fast & precise colour control. To work with power repeater to expand output unlimitedly. Control 10 zones separately. Each zone can switch on/off separately. Adjust brightness of each colour independently to achieve specific colours. Adjustable speed with 8 levels, quickest speed is 4S, slowest speed is 256S. Built in optional 4 channel RGBW or RGBY 4 colors to achieve more selectable colours than traditional RGB control. 10 Colour change modes. Easy to pause at any colour during colour change mode



Model No.	Input Voltage	Operation Frequency	Ta	Type
	4.5VDC	438Mhz/868Mhz	-20°C - +50°C	Touch

Model No.	Input Voltage	Max Load Current	Max Output power	Ta	Tc	Program
LE-RGB/W-8A	12-36VDC	4 X 8A	4 X (96-288)W	-20°C - +50°C	+75°C	RF Remote
LE-RGB/W-8A-DMX	12-36VDC	4 X 8A	4 X (96-288)W	-20°C - +50°C	+75°C	RF Remote



Model Number	Compatible Controller
LE-DC9-V1	LPD6803
LE-DC9-V2	Tm1803

## LE-DC9-V1/V2

## Features:

1. It is designed to control digital RGB LED strips;
2. Be free to set up the length of LED strips from 1m to 99m;
3. Meet DMX512(1990) protocol. Can be used as a DMX512 decoder;
4. An LCD screen shows controller's current working status;
5. Wireless RF control is optional;
6. 36 normal color changing patterns and 1 DMX operating;
7. 60 speed adjustment levels for dynamic change;
8. Automatic parameter memory;
9. XLR3 Male and Female interface;
10. Aluminum housing with black wire drawing finish.

## Technical Parameters

Model Number	LE-DC9-V1/V2
Voltage	12V DC
Output Power (MAX)	400W
Control Distance	>30m
Weight	560g

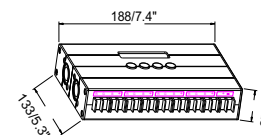
## LE-DC8-01

## Features:

1. Meet DMX512(1990) protocol. Can be used as a DMX512 decoder;
2. An LCD screen shows controller's current working status;
3. 33 normal changing patterns and 4 DMX operating modes;
4. 256 levels brightness, totally 16.77 million colors, real full color (up to 65536 levels);
5. 0-255 changing speed levels for dynamic change;
6. RGB individual dimming function;
7. Automatic parameter memory;
8. XLR3 Male and Female interface.

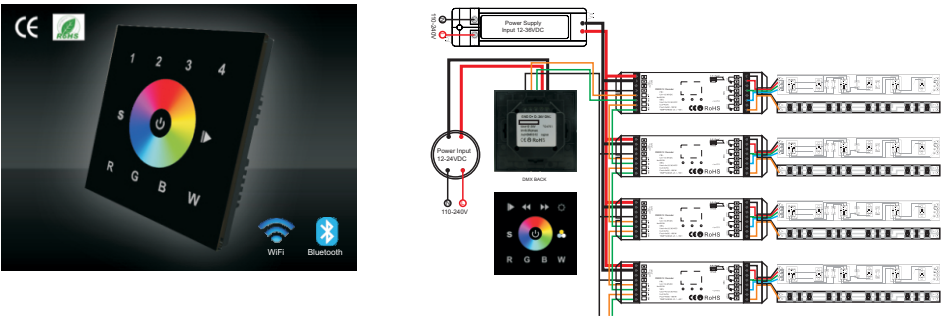


Size: ( mm )



## Technical parameters

Model number	LE-DC8-01
Voltage	12V DC/ 24V DC
Output power (MAX)	720W
Control distance	>30m
Weight	570g



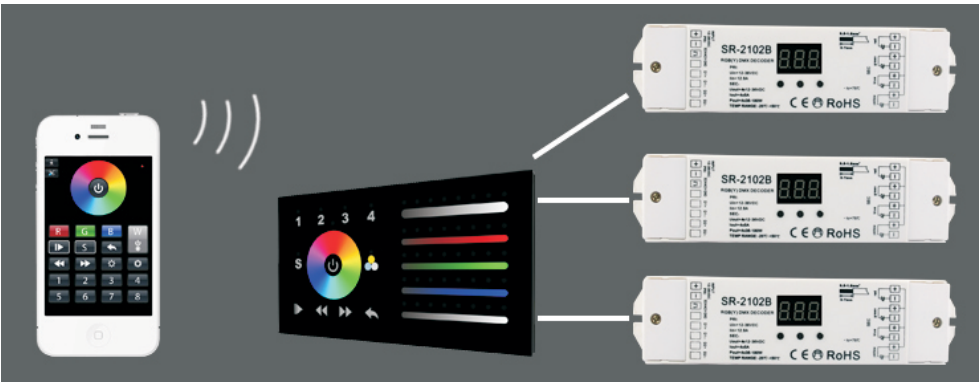
- Sensitive & stable touch colour wheel, fast & precise colour control.
- Controlling RGBW or RGBY 4 colors that achieve more selectable colors than traditional RGB control.
- 10 changing modes. Able to pause at any colour in changing modes.
- Adjustable speed with 8 levels, quickest speed is 4S, slowest speed is 1024S.
- Ability to adjust brightness of each colour independently to achieve millions of changing colours.
- Standard DMX signal output that is compatible with DMX512 decoders from different manufacturers.
- Able to control 4 zones separately
- Each zone can store 4 scenes.
- Bluetooth version can be used with IOS/ ANDROID system.
- Standard 86\*86mm box size, easily mounted on wall.

Model No.	Operation Voltage	Output	Dimensions (mm)	Approval
LE-8912-280	12-24VDC	DMX512 Signal	86x86x41	CE/FCC/RoHS
LE-8912WiFi-287	12-24VDC	DMX512 Signal	86x86x41	CE/FCC/RoHS
LE-8912BL-287	12-24VDC	DMX512 Signal	86x86x41	CE/FCC/RoHS



- Sensitive & stable touch colour wheel, fast & precise colour control.
- Controlling RGBW or RGBY 4 colours that achieve more selectable colors than traditional RGB control.
- 10 changing modes. Able to pause at any colour during colour changing modes.
- Adjustable changing speed with 8 levels, quickest speed is 4S, slowest speed is 1024S.
- To adjust brightness of each color independently that can achieve milions of changing colors.
- Standard DMX signal output that is compatible with DMX512 decoders from different manufacturers.
- Enable to control 4 zones.
- Each zone can store 4 scenes.
- Bluetooth version or WIFI version can be used with ISO/ ANDROID system.
- Standard 86\*86mm box size, panel size is 86\*160mm , easily mounted on wall.

Model No.	Operation Voltage	Output	Dimensions (mm)	Approval
LE-8913-280	12-24VDC	DMX512 Signal	86x160x41	CE/FCC/RoHS
LE-8913WiFi-287	12-24VDC	DMX512 Signal	86x160x41	CE/FCC/RoHS
LE-8913BL-287	12-24VDC	DMX512 Signal	86x160x41	CE/FCC/RoHS





EX-ASL-100-AH-01

## LED Envirolite Quality LED Lighting Products & Service

### Limited Warranty



The “Warranty Period” will begin at the date of original Product purchase from either LED Envirolite, or an authorized LED Envirolite Distributor/Dealer. LED Envirolite will repair or replace product covered under this warranty with components at LED Envirolite’s election or discretion. Advances in technology may lead to “better or advanced” products being selected for replacement.

This Warranty is further conditioned on the purchaser contacting LED Envirolite during the warranty period between normal business hours to review the issue and initiate the Returned Merchandise Authorization (RMA) process. This must be done prior to the return of any defective product. The LED Envirolite RMA form must be legible and completed in detail prior to approval for return. The LED Envirolite Warranty is further conditioned and will only apply to LED Envirolite products that are properly installed. This includes wiring and connection to proper approved components and product working environments. This Warranty is void and does not apply to products that fail as a result of neglect, mistake, misuse, alteration, improper installation or implementation. This includes but is not limited to: improper wiring, installation under improper and nonapproved operating environments such as temperature, humidity or voltage conditions; improper installation using components that are not approved or are not LED Envirolite products.

Installation and usage of LED Envirolite products should only be completed in association and complete knowledge of all necessary and related codes, standards and instructions of installation. It is the responsibility of the purchaser to obtain all necessary approvals and to understand the product’s intended use and all relevant instructions, recommendations, and guidelines for the proper installation, use of any LED Envirolite product and related “manufactured products,” used in conjunction with . The accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed, are not part of this Warranty, and does not in any way constitute a warranty. The purchaser is responsible for suitability of installation and full implementation and must determine potential applications and installations independently.

Warranty Compensation will be based on “usage factors and time in use” and “Technology Value,” and will be prorated based on this and information collected via the RMA process.

### Product Warranty

Product		Product	
Flexible LED strip	3 years	LED panel light	3 years
Rigid LED light bar	3 years	LED pool light	3 years
LED tube	5 years	LED garden light	3 years
LED downlight	3 years	LED cabinet light	3 years
LED wall washer	3 years	LED controller	3 years
LED bulb	3 years	LED inground light	3 years
LED highbay light	3 years	LED flood light	3 years

What is not covered under this Limited Warranty is defects of any kind caused or created by improper installation of any kind; damage caused during shipping to purchaser or beyond “acts of Nature or God.” LED Envirolite will not cover additional labor costs or Warranty such labor associated with replacement products. This Warranty document represents the only ex-press or implied Warranty – no other Warranties exist.