DERUN LIGHTING TECHNOLOGY CO., LTD

Product Specifications

Name: Wireless Mini Dimmer
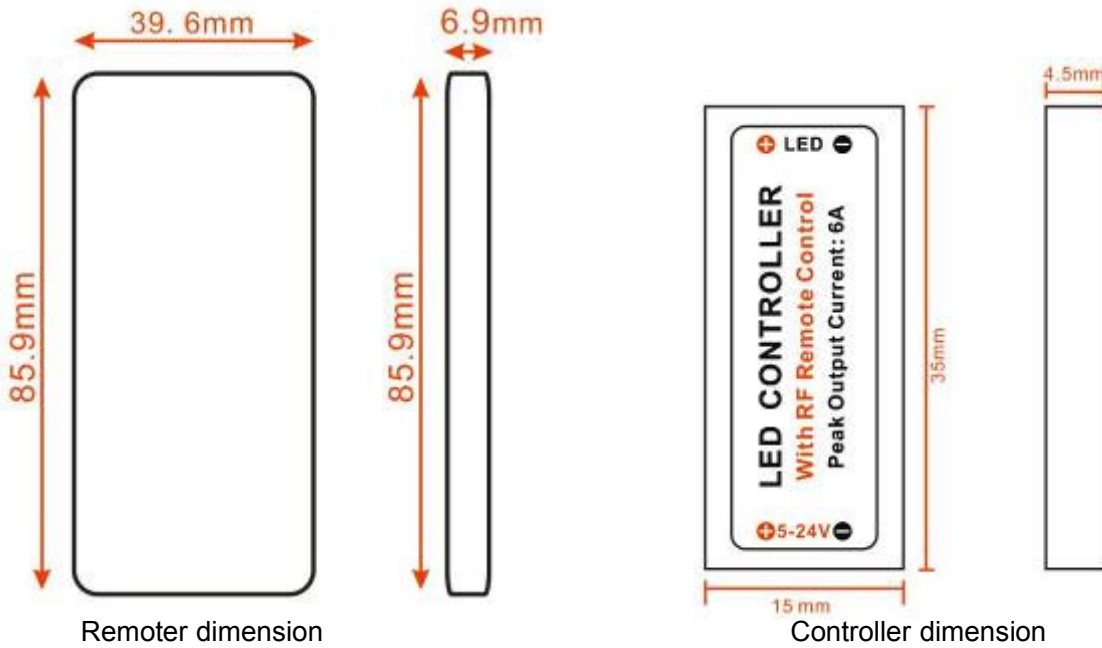**Model: DR-DIMMER-RF101**

I. Summarization

RF controller adopts the advanced micro control unit, with 433MHz wireless signal to do the controlling. It is used for controlling a variety of lamp whose source of light is LED. For instance, point source of light, flexible light strip, wall washer lamp, glass curtain wall light and so on. It has many advantages such as low price, easy connection, simplicity to use and others, etc. According to the customers' needs, it can realize ten levels brightness adjustment, eight monochromatic dynamic models, and also can realize quick flash, breathing, fadein dimming, strobe, flicker and other kinds of model, with ten levels speed adjustment, large speed span. It is easy to take, simple to use, etc.

II.Technical parameters

- Working temperature: -20-60℃
- Supply voltage: DC5-24V
- Output: 1 channel
- Connection mode: common anode
- Controller dimension: L35.0 × W15.0 × H4.5mm
- Remoter dimension: L85.9 × W39.6 × H6.9mm
- Packing size: L123.0 x W90.0 x H13.0mm
- Net weight: 35g
- Gross weight: 40g
- Static power: <0.5W
- Output current: <6A
- Output power: 5V<30W, 12V < 72W, 24V <144W

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III. External Dimension

39.6mm   6.9mm

85.9mm

85.9mm

Remoter dimension

LED CONTROLLER
With RF Remote Control
Peak Output Current: 6A

+ LED −

+5-24V−

4.5mm

35mm

15 mm

Controller dimension

IV. Interface Specification

Input DC female: 5.5 x 2.1mm

Output DC male: 5.5 x 2.1mm

V. Direction for use

A. Match code operating instructions:

      Power on controller in 3 seconds, press [LIGHT] key can match code, the load light will flash 3 times when match code successfully, it only can match the code 1 time before power off. If you need match code again that need to power off and than power on. This controller has power-fail memory.

B. Remote instructions:
      This remote has 11 buttons:

www.derunledlights.com   Email: info@derunledlights.com

Turn on/off key.

Switch to static color mode from dynamic mode.

Switch to static color mode from dynamic mode, and change the brightness

forward/reverse direction, it has 10 levels.

Press this key will switch to static mode brightness 100%.

Press this key will switch to static mode brightness 50%.

Press this key will switch to static mode brightness 25%.

Switch to dynamic mode from static color mode, and change the dynamic mode

forward/reverse direction.

Switch to dynamic mode from static color mode, and change the speed forward/reverse

direction, it has 10 levels.

C. Modes table

1	Quick flash	5	Half stroboflash
2	Breathing mode	6	Two-thirds stroboflash
3	Fading bright and fading out	7	A third stroboflash
4	Fading bright and fading dark	8	Flash

VI. Typical Applications