

## 535062 StrongLumio receiver/distributor for wireless kinetic switches 12/24V

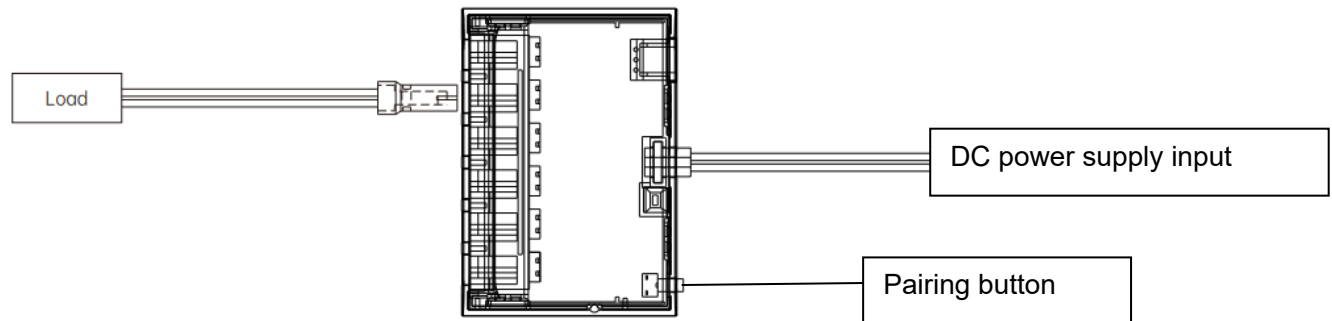
### 1 Product description

The device is meant to control a single color LED lighting with operating voltage 12-48 V DC. After pairing with a corresponding wireless switch it can be used to ON/OFF and DIM the lights. Use the product only according to this user manual. Do not open or disassemble the device. Keep and use it in dry environment protected from weather conditions. It is not suitable for use in exterior.

### 2 Product specification

Parameter	Value	Parameter	Value
Model	535062 / ERC2801	Operating humidity	5%-85% RH
Operating voltage	DC 12-48V	Communication rate	100 Kbps
Output channels	6 way	Radio frequency	RF 433 MHz
Maximum current	3 A	Communication distance	50 m outdoor, 25 m indoor
Output type	Constant voltage	Storage capacity	Maximum 10 switches
Dimming	PWM – pulse width modulation	Dimensions LxWxH	42x60x12,5 mm
Dimming levels	4096 levels	RF receiver sensitivity	-110 dBm
Dimming range	0-100 %	Waterproof rating	IP20
Operating temperature	-20°C ~ +40°C	Certification	CE, RoHS

### 3 Wiring diagram



## 4 Product functionality

### 4.1 Pairing with wireless kinetic switch

Press the controller pairing button for 2 seconds, the red indicator will enter slow flashing state (1 flash per second), it enters the status of “waiting for pairing”. At this time, press the button of the wireless kinetic switch that needs to be paired once, pairing is completed. Repeat the process to pair another switch (up to 10x).

### 4.2 Operation and functions

Short press to turn on/off, long press for one-way dimming. Brightness will be remembered at the set level after turning off an on.

The pairing button can also be used to turn ON/OFF. All the outputs are controlled at the same time. It is not possible to set separate zones using a single receiver.

Factory setting: after connecting the lights and power, shortly pressing the pairing key, the light is up with brightness 100%. Press the switch button after pairing - brightness is set 100%.

Double-click on the switch button - turns off all fixtures paired with the button.

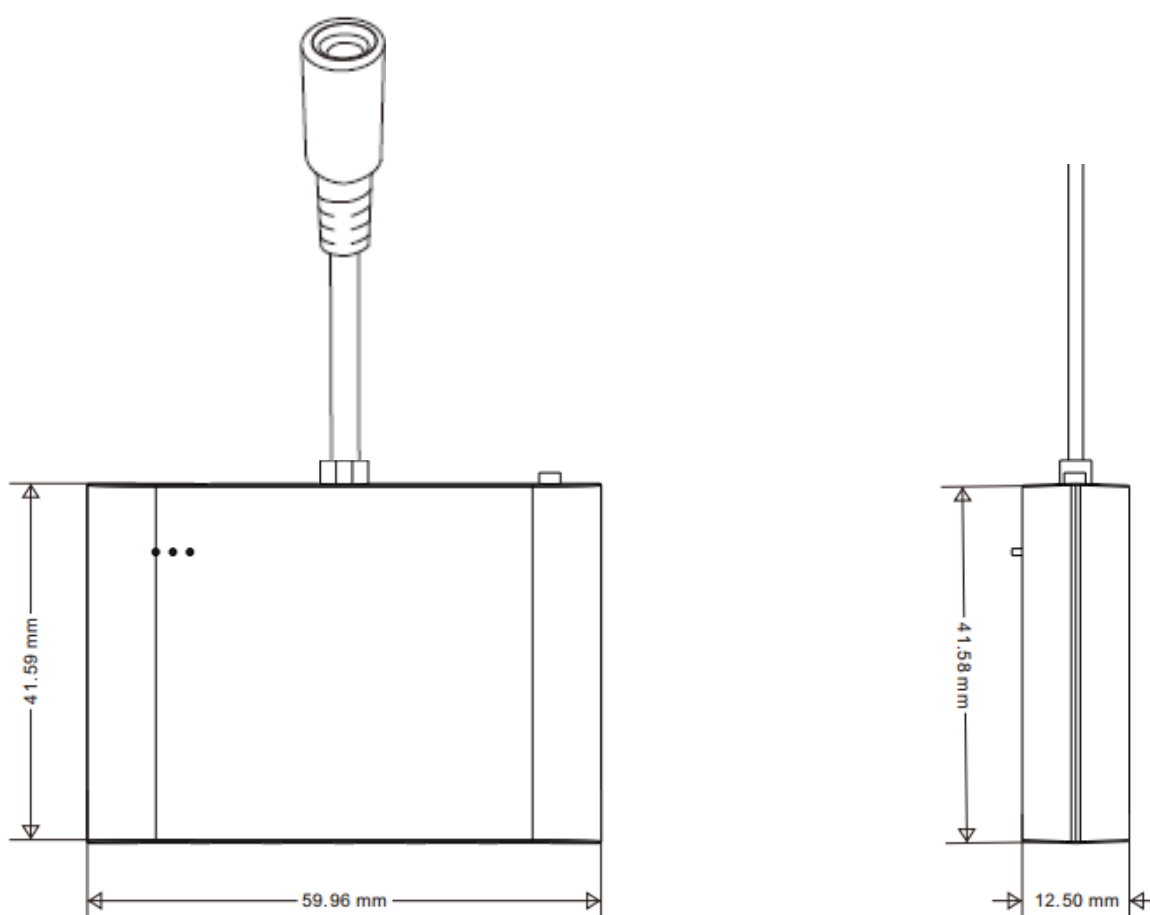
### 4.3 Memory clearing

Press and hold the controller pairing button for 6-8 seconds, the indicator light will flash-still on -off, release the button when the light goes out, then all the kinetic switch information paired with this pathway is cleared.

## 4.4 Power failure memory

When the device is powered off and then powered on again, it will revert to the state it was in before the power failure.

## 5. Dimensions



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