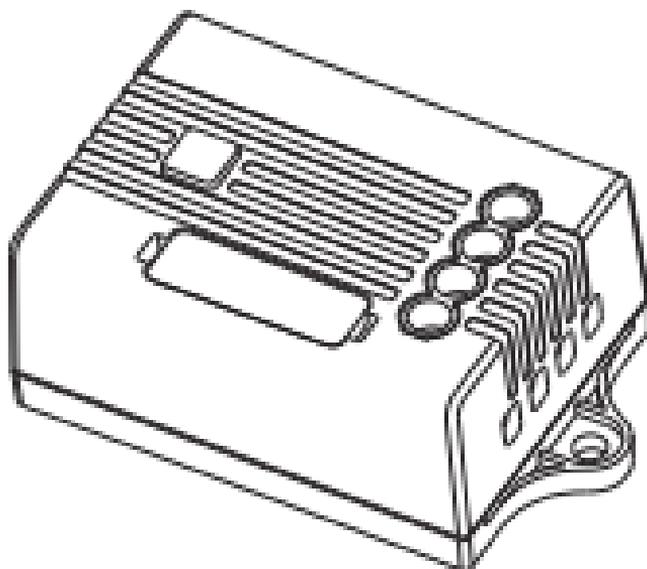




LUCESCO
light for life

Wireless Receiver Controller

Installation Instruction



V1.0



Before first use please read instructions carefully.

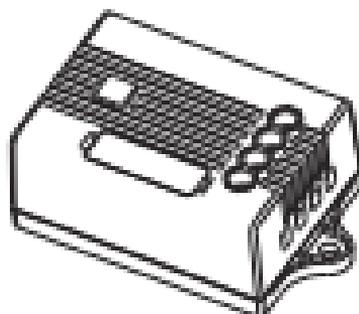
Digital Instructions



<https://tinyurl.com/smart-controller>

Contents

Wireless Receiver Controller



*The components detailed in this installation instruction are for reference only.
Actual components may vary slightly.



Specification

Wireless receiving controller technical parameters:

Type of power supply: AC220V,50/60Hz

Voltage range: 85-260V

Sensitivity: -110dB

Use environment temperature: -25°C to +55°C

Control distance: 80m (outdoor), 30m (indoor) *

Control method : pairing with wireless kinetic energy switch

Dimension: L70*W44*H29/mm

Models

Wireless receiving controller(LUC302)

Control Load:MAX 5A; Or Max Resistive 1000W
(LED load 600W)

Wireless receiving controller(LUC303)

Control Load:MAX 5A*2; Or Max Resistive 1000W*2
(LED load 600W*2)

Wireless receiving controller(LUC304)

Control Load:MAX 10A; Or Max Resistive 2400W
(LED load 1000W)

* The above distance has been validated by a lab.

* The actual distance may vary due to environmental factors.



Wireless receiving controller installation

LUC302/LUC304

- 1 Wireless receiving controller must be connected to the lamps.
- 2 Power input wires shall be connected to power supply active line and neutral line. Output wires (load) shall be connected to the lamp power input wires. (refer to the diagram 4-1)
- 3 The Wireless receiving controller must be installed within a junction box which is securely mounted in the wall cavity or roof space as part of the electrical installation to provide complete protection of the equipment, conductor insulation and against the spread of fire. During installation, ensure antenna is mounted outside.

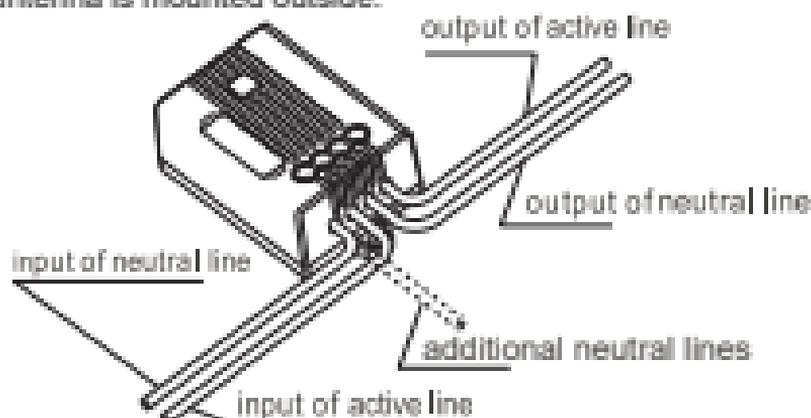


diagram 4-1





Wireless receiving controller installation

LUC303

- 1 Two loads shall respectively connect to 1 active line and the neutral line. The controller controls the on/off of active line. (refer to the diagram 4-2)
- 2 The Wireless receiving controller must be installed within a junction box which is securely mounted in the wall cavity or roof space as part of the electrical installation to provide complete protection of the equipment, conductor insulation and against the spread of fire. During installation, ensure antenna is mounted outside.

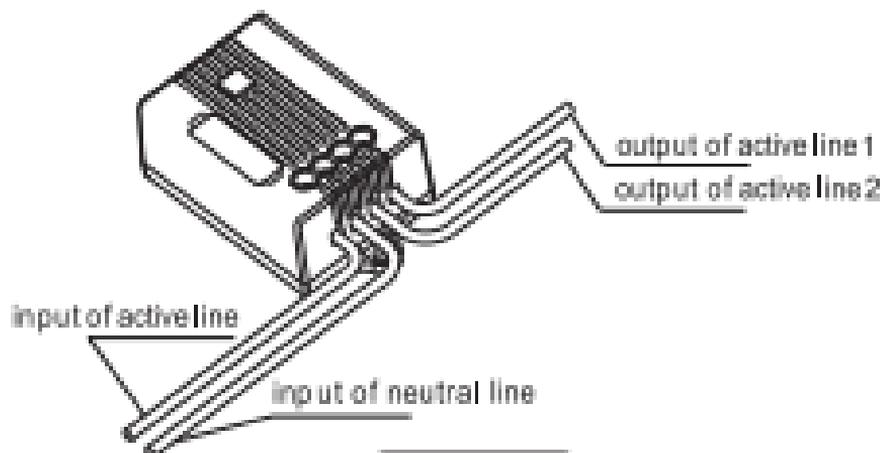
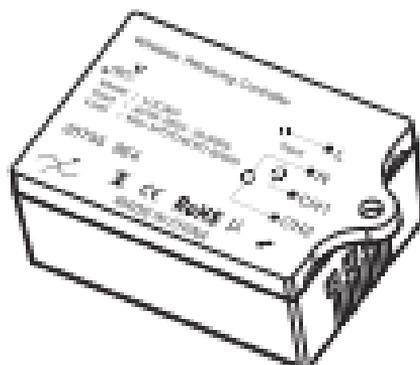


diagram 4-2





Wireless receiving controller code pairing method

Wireless kinetic energy switch and wireless receiving controller can be paired with any combination. A controller can have a maximum of 10 switch keys. A switch key can pair to an unlimited number of controllers within the control distance.

LUC303 dual receiver has two outputs. Each output can be independantly matched. The receiver has 1 red and 1 blue LED, corresponding to channel 1 and channel 2 respectively. Click the button twice to change channel. The LED of the corresponding colour will flash twice to indicate the channel. You can push the button to determine the current channel.

Specific steps are as follows:

Switch Pairing

**Note: Before pairing, clear controller memory by following actions listed under Clear Memory (reset).*

1. Press and hold the button on the controller for 3 seconds.
2. When you see a slow flash (1 flash in 1 second) remove your finger. Now the controller is in pairing mode. This mode will last 10 seconds.



3. During this ten seconds, press down the switch key one or more times until the flash is gone and the controller's indication light is completely off. Pairing is now complete.





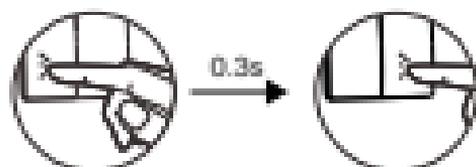
Switch Direction Pairing

1. Press and hold the button on the controller for 3 seconds.
2. When you see a slow flash (1 flash in 1 second) remove your finger. Now the controller is in pairing mode. This mode will last 10 seconds.



3. Quickly press switch key to finish a complete "up and down" cycle within 0.3 seconds, then you will see the flash is gone and the controller's indication light is completely off. Pairing is now complete.

Function: If you conducted this "Switch Direction Pairing", the 2 gang switch pairing will be fixed. This means one switch is paired to "off" and the other switch to "on".



Clear Memory (reset)

1. Press and hold the button on the controller for 10 seconds. During the 10 seconds you will first see a slow flash for 4 seconds and then a fast flash 3 seconds. After the flashing is completed and the indication light is completely off, the controller's memory is cleared. New pairing is now possible.

*Note for LUC303 model press the switch button twice on the controller to switch channels and repeat the Clear Memory procedure above.



Precautions:

- 1 Strictly follow the wiring instruction.
- 2 Wireless receiving controller shall be used under the rated load power. Overloading will result in damage of product.
- 3 Don't be short-circuited the fuse, otherwise it will cause permanent damage to the receiving controller;
- 4 The Wireless receiving controller must be installed within a junction box which is securely mounted in the wall cavity or roof space as part of the electrical installation to provide complete protection of the equipment, conductor insulation and against the spread of fire. During installation, ensure antenna is mounted outside.
- 5 Damage caused by incorrect operations will not be covered under warranty.

Troubleshooting:

- 1 When paired incorrectly, first check if the indicator light works properly. Then turn off the electricity and restart. Clear pairing and rematch.
- 2 If the indicator light doesn't respond again it may be damaged. Replace fuse by following steps below and try again.
 - Use a screwdriver to take remove fuse.
 - Refer to the below diagram.
 - Remove faulty fuse and clip in the new one. Make sure it's completely clipped in.
 - Replacement of fuse will not affect the original pairing.

