Wall Mounted Rotary Panel
AC Triac RF Dimmer

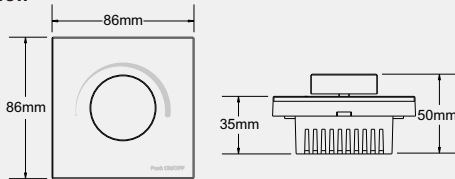CE ROHS

Technical Parameters

● Input voltage: 100-240VAC
● Output voltage: 100-240VAC
● Output current: 1.2A
● Output power: 100-288W
● Remote distance: 30m
● Working temperature: -30℃~55℃
● Product size: L86×W86×H50mm
● Net weight: 110g

Summary

● Triac dimmable and Mosfet dimmable.
● Built in 2.4Ghz module, can be used as RF dimming remoter, remote control more dimming receivers.
● When direct connect dimmable light, great compatibility with a variety of dimming remoter.
● Leading edge dimming or trailing edge dimming set by dip switch.
● Minimum brightness set by dip switch.
● Rotate knob to change brightness, support push, long push operation.
● To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights.
● Can work with WiFi-relay controller after install APP on IOS and Android system.
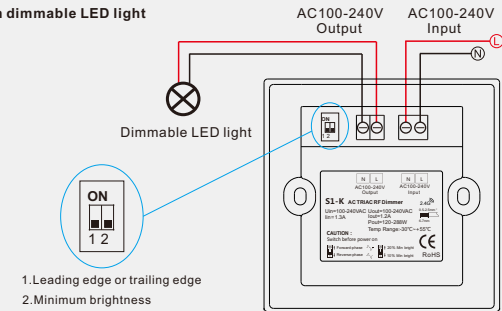
Dimension

86mm
86mm
35mm
50mm

Key function

● **Push**: Turn on or off light.
● After turn on light, rotate knob to change brightness, 2.5 turns, 50 levels.
● **Long push(1-5s)**: Fine adjust brightness.
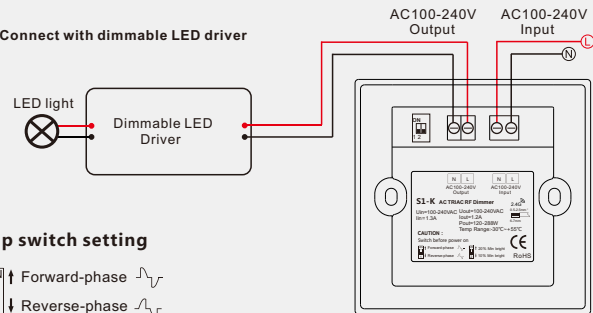
Panel controller match remoter method

● Match: Turn on light, turn off, immediately push for 5s, within 5s, press any key of the remoter.
● Delete: Turn on light, turn off, immediately push for 10s, delete all matched remoters.
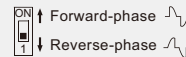
Wiring diagram

Connect with dimmable LED light

AC100-240V Output
AC100-240V Input

Dimmable LED light

ON
1 2

1.Leading edge or trailing edge
2.Minimum brightness

Connect with dimmable LED driver

AC100-240V Output
AC100-240V Input

LED light
Dimmable LED Driver

Dip switch setting

ON
1
↑ Forward-phase
↓ Reverse-phase
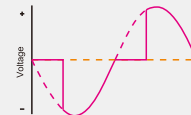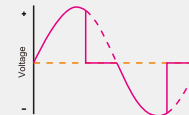
● Select leading edge dimmer or trailing edge dimmer according to your dimmable LED light.

Forward-phase control dimmer(TRIAC)
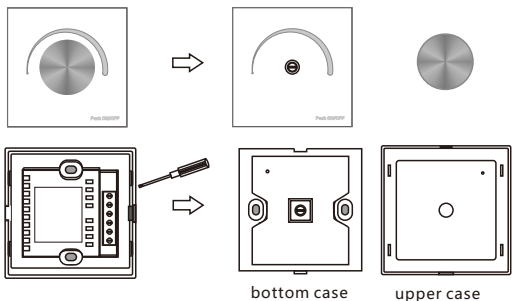Reverse-phase control dimmer

Voltage
Voltage

ON
2
↑ 20% Min bright
↓ 10% Min bright

● Set 10% Min bright defaultly.
● If the light flick under 10% brightness, you can switch to 20% Min bright to avoid flick.
● If the light still flick under 20% brightness, you need contact saler to customize higher Min bright.
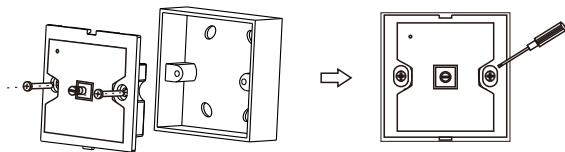
Caution: before power on, you must confirm the selection of dip switch.
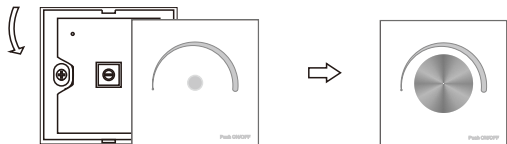
Installation diagram

1. Remove the knob, then flip panel, inserted into the card edge aperture with a small screwdriver, gently pry and open the panel.

bottom case   upper case

2. After connect wires, put bottom case into 86 bottom box, put in the screw and tighten.

3. From top to bottom, moderately cover upper case,then mount knob, complete installation.

NOTES:
- In order to ensure safety, turn off the power first before wiring, ensure correct wiring to avoid short circuit.
- In the process of installation, don't push the knob hardly, so as not to loose knob spindle and scratch panel.

Malfunctions analysis & troubleshooting

Malfunctions	Causes	Troubleshooting
No light	1. No power. 2. Wrong connection or insecure.	1. Check the power. 2. Check the connection.
No response from the remoter	1. The battery has no power. 2. Beyond controllable distance. 3. The controller did not match the remoter.	1. Replace battery. 2. Reduce remote distance. 3. Re-match the remoter.

Safety & Warnings

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, please ensure good ventilation.
4. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
5. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

Warranty Agreement

1. 5-year warranty:
   - The warranty is for free repair or replacement and covers manufacturing faults only.
   - Do not include fees of on site maintenance and consumable parts.
2. Limited Warranty
   - Artificial damage caused by improper use, such as use inappropriate power supply, improper accessories, improper installation, did not follow the instructions, error using or negligence.
   - Any damages caused by force majeure, such as natural disaster, abnormal voltage.
   - The normal use of products caused by aging, wear and tear, but it does not affect the normal use.