AC Triac RF Dimmer

![TUV CE FC RoHS COMPLIANT logos]

Important: Read All Instructions Prior to Installation

Function introduction

AC100-240V
output
L1   N

AC100-240V
input
L   N

Learning key:
Pairing with RF remote → Learn   Preset

Preset key:
To set or delete the
minimum brightness
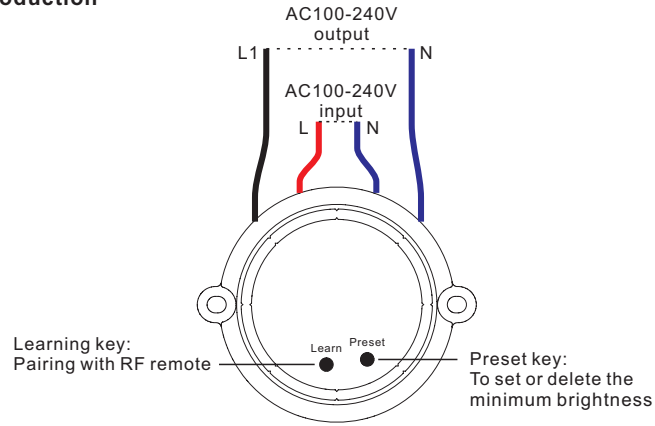
Product Data

Input Voltage	Output Voltage	Output Current	Output Power	Size(Φxh)
100-240VAC	100-240VAC	1x0.45A max	1x100W max	46.5x19.5mm

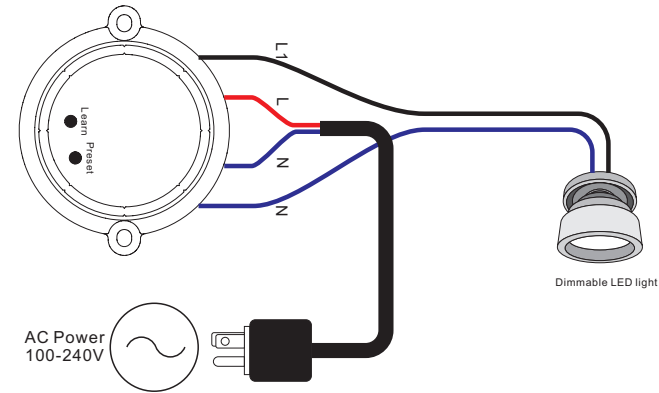| Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED lamps	50W @ 230V, 25W @ 110V	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power factor result when connected to dimmer.
	Dimmable LED drivers	50W @ 230V, 25W @ 110V	Maximum permitted number of drivers is 50W divided by driver nameplate power rating.
	Incandescent lighting, Halogen 240V lamps	100W @ 230V, 50W @ 110V	
	Low voltage halogen lighting with electronic transformers	50W @ 230V, 25W @ 110V	

• Safe and reliable full isolation design
• Radio Frequency: 868/869.5/916.5/434mhz
• Trailing edge dimming
• Supports resistive loads and capacitive loads
• Great compatibility with a variety of remote controls
• Innovative minimum brightness setting function
• To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
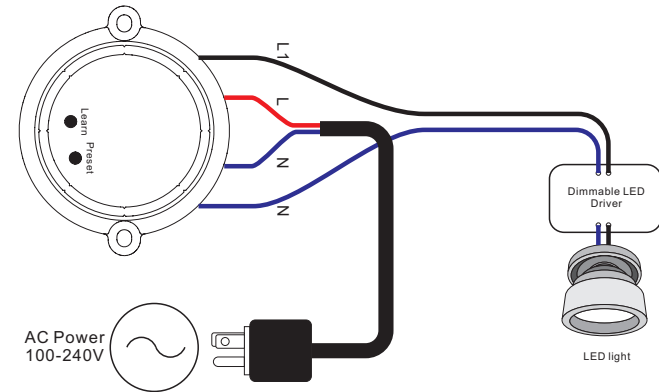• Waterproof grade: IP20

Safety & Warnings

• DO NOT install with power applied to device.
• DO NOT expose the device to moisture.

Wiring diagram

(1)With dimmable LED light

L1

L

Learn

Preset

N

N

Dimmable LED light

AC Power
100-240V

(2)With dimmable LED driver

L1

L

Learn

Preset

N

N

Dimmable LED
Driver

AC Power
100-240V

LED light

This phase dimmer adopts trailing edge dimming (reverse phase control), please make sure the connected loads support reverse phase control. Please refer to the user manual of the load or consult the supplier of the load.

Pair/delete the pairing with RF remote

1.Do wiring according to connection diagram.
2.Pair RF Receiver with RF remote: please refer to the instruction of the remote that you would like to pair with.
3.Delete the pairing:
   (1)Wire up the RF receiver correctly, power on.
   (2)Press and hold down the **" Learning Key"** button on receiver for over 3 seconds until the connected light flashes, which means well deleted.

Setting minimum brightness:

Adjust brightness to a level you would like, then press and hold down **"Preset key"** until the light flashes, once set a minimum brightness, the light can only be dimmable between this minimum brightness and maximum brightness.

The dimming range of this dimmer is 1%-100%, but some load types may flicker when dimmed to 1%, thus a minimum brightness shall be set higher than 1% to avoid flickering during dimming process.

Delete the minimum brightness:

Adjust the brightness to 100%, then click the **"Preset key"** to delete the minimum brightness, the light will flash to indicate successful reset.

Product Dimension

19.5 mm

46.5 mm

45.5 mm