

Tai Soar Electronic CO. Ltd

4F,No. 109 Neihu Rd., Sec. 1, Neihu Dist., Taipei 114, Taiwan

Tel: +886(2)2797 2352 Fax: +886(2)2799 5962

E-mail: taisoar.chiu@gmail.com

Installation of the dimmer switch

A. Connecting the dimmer and LED light

(1) Cut off one of the AC power cord ,and tearing off the plastic sleeve from the cutting end about 10 mm .

(2) Loosen the screws at the position C and the L1 of the dimmer

(3) Insert exposed copper wire , which near the power source , into the C position and tighten the screw.

(4) Insert exposed copper wire , which near the LED light side , into the L1 position and tighten the screw..

(6) wiring is complete, as shown in Figure

1.



Figure 1.

B. Adjusting the minimum brightness of the dimmer

(1) lit the LED lights, turn the knob to the lowest brightness dimming.

(2) Open the plastic cover at the side , from the bottom to the up edge as Figure 2 .

(3) Use a small plastic screwdriver gently rotate, the trim knob, to adjust the minimum brightness as you like.

(4) If adjust the brightness of LED lights too low, the LED light will flash for low voltage. If so turn back a little.

(5) Put the plastic cover back from top to bottom edge as Figure 3 .



Fig 2

C. switch panel assembly

(1) Put the rotary shaft of the dimmer through the hole at the panel,

(2) Fixing the shaft to the panel with a nut,

(3) Complete the dimmer switch panel bonding fixed.

(4) Install knob. As Figure 3.



Fig 3

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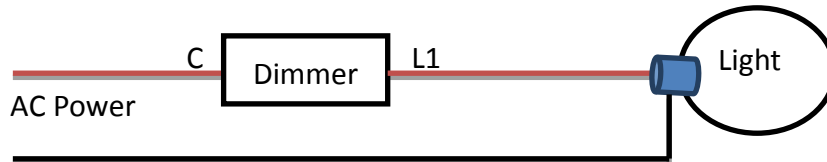
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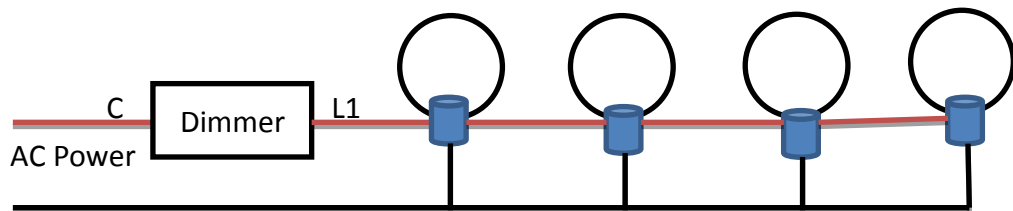
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The application of dimmer

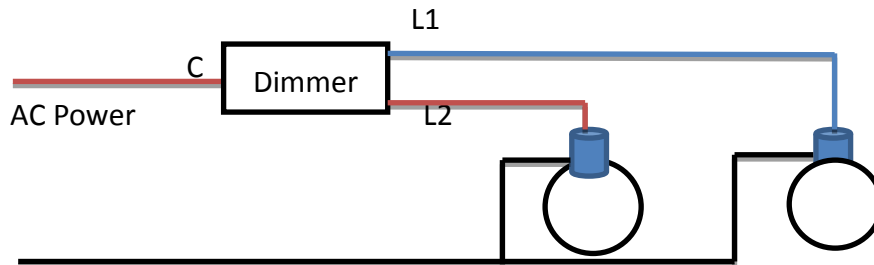
1. One dimmer control one LED light



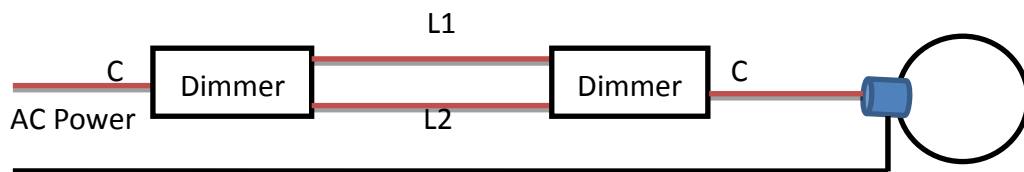
2. One dimmer control multiple LED lights



3. One dimmer control two LED lights



4. Three way application---two dimmers control one LED lamp wiring (Aisle & stairways switch)



Note:

(1) Do not OVER loading (AC 120V/ 2A of about 200W)

(2) Using different brands or different watts LED lights ,may have different low voltage flashing voltage, Please refer to step B to fix it.

(3) The low voltage flashing voltage at summer time may a little different to winter time. Please refer to step B to fix it.