

# User manual for 0-10V Dimmer

Single Pole&3 way LED Dimmer AC 120V~277V 50~60Hz  
 150W for dimmable LED/CFL,600W for dimmable incandescent lamps

## Important Notes,Please read before installing.

1. Turn off power at circuit breaker or fuse before wiring.
2. Only one dimmer can be used per 3-way circuit.
3. It's normal to be warm when the dimmer is under operation.
4. For supply connector, use wires rated for at least 75°C and use copper wire only.

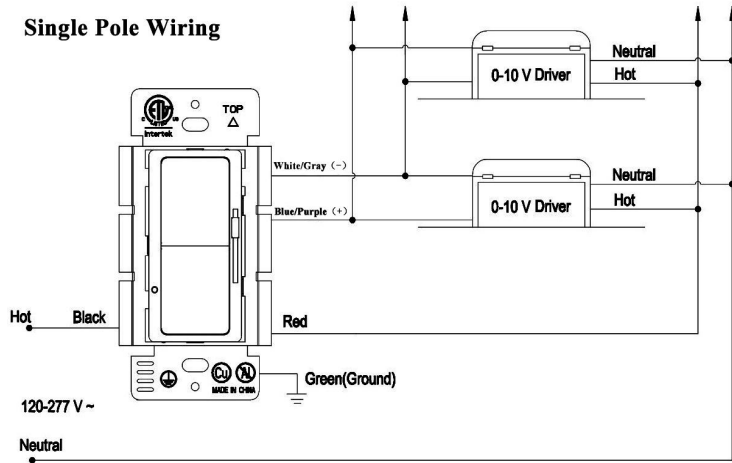
**Caution-**To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance or a fluorescent lighting fixture or a transformer supplied appliance.

## Installation

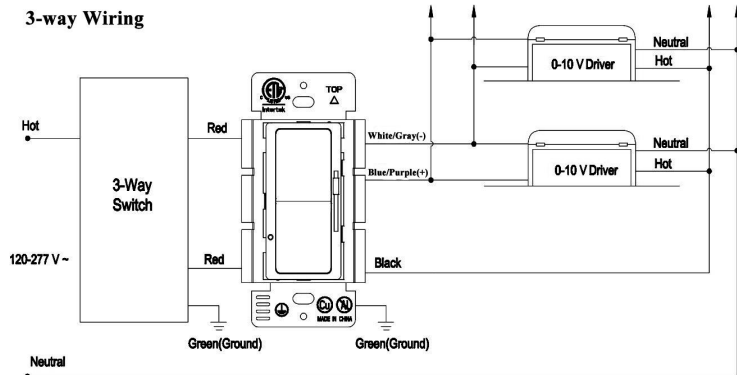
1. Turn power off
2. Wiring the dimmer

### 2.1 Dimming with On/Off Control without Power Pack

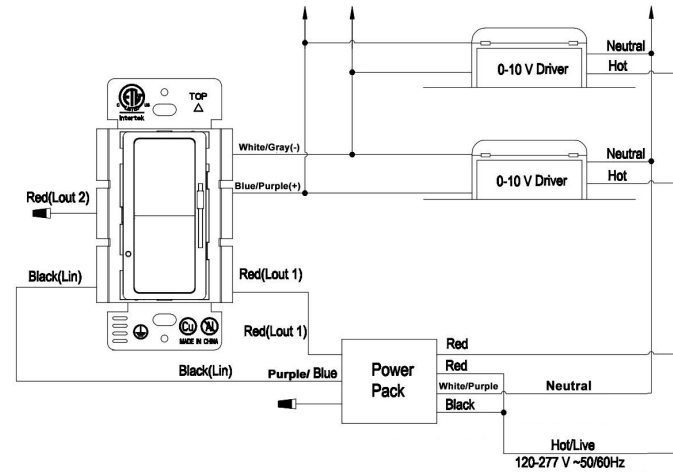
#### Single Pole Wiring



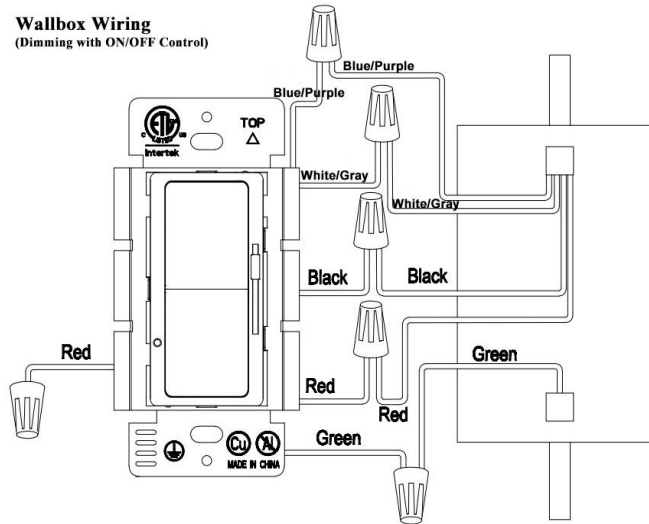
#### 3-way Wiring



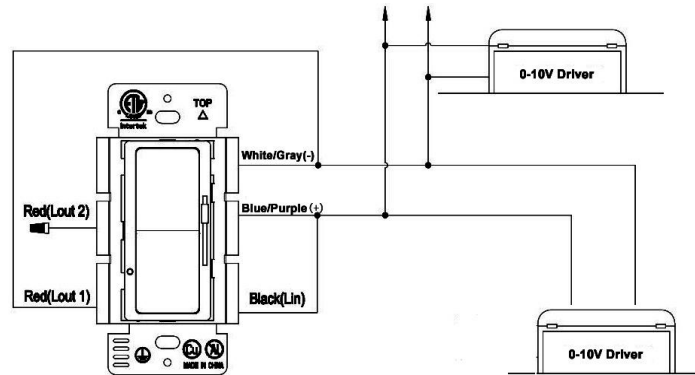
### 2.2 Dimming with ON/OFF Control using power pack



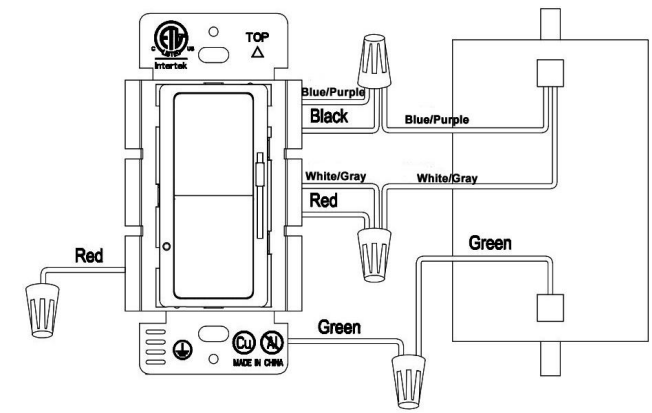
#### Wallbox Wiring (Dimming with ON/OFF Control)



### 2.3 Wiring-- Dimming only



### Wallbox wiring --Dimming only



### 3. Mounting Dimmer to Wall box, install wall plate and turn power on.

#### Dimming Range Adjustment

1. Push dimmer on and move slider down to the bottom.
2. Turn knob down until lowest light level is achieved and light output is stable for all bulbs.
3. Turn dimmer off, then back on to verify bulbs.
4. Turn knob up lightly and do step 3 again if all bulbs do not turn on.

#### Lights do not operate at full brightness:

Push slide down, Turn high-end knob clockwise with a screwdriver to achieve maximum light intensity.

#### Light do not dim low enough:

Push slide down. Turn the low-end knob counter-clockwise to achieve minimum light intensity.

