

## LT-3200-350 Constant Current LED Dimmer



LT-3200-350 is an intelligent dimmer dedicated to adjust the brightness of LED light, adopted the most advanced PWM (Pulse-Width Modulation) digital brightness-adjusting technology at present, users can either turn around the knob manually or use the IR wireless remote control panel to control the brightness infinitely, suitable for installation of commercial and household 86-style socket, can install the socket visibly outside the wall or inside the wall invisibly. It is suitable for dimming hi-power 1W LED lamps and it's energy-saving.

### 1. Technical Specs

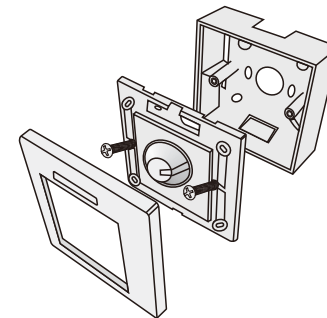
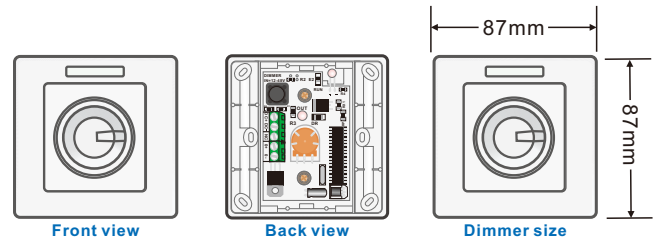
LT-3200-350	
Power supply chosen	DC CV SMPS
Input voltage	DC12V ~DC48V
Output signal	Constant current PWM
Output current	Constant current 350mA
Driving LEDs	1~12 pcs 1W LEDs
Dimming range	0-100%
Grey scale	256 levels
Working Temperature	-30°C~55°C
Switch Dimension	L87×W87(mm)
Remoter Dimension	L86×W33(mm)
Packaging Dimension	L96×W91×H61(mm)
Weight (G.W)	200g

1

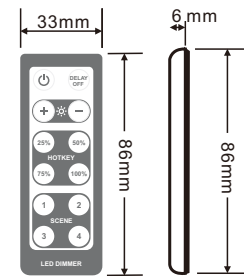
### 2. Features

- 0~100% brightness adjust, infinite knob style dimming+ wireless IR remote dimming, easy to operate.
- 256 levels grey scale, soft and smoothly, without strobe phenomenon.
- PWM digital dimming+ programs without current surge, longest life tenure of LED.
- 25%, 50%, 75%, 100% 4 DIY scene keys, fast adjust.
- 4 DIY scene keys, with Fluorescent Indicator & delay off button, users friendly.
- When load of constant current/voltage is beyond, add extra repeater to expand power.
- Several different types available, suitable for LED lamps with a different circuit.

### 3. Construction drawing



Major configuration

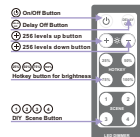
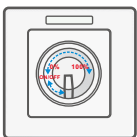


IR remote size

2

## 4. Operation instructions

### 1. About the button:



#### Dimmer knob instruction

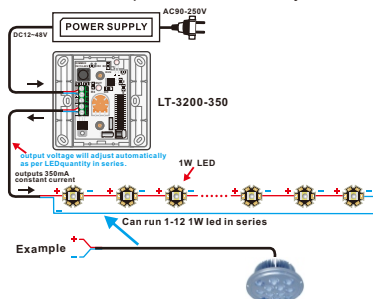
#### IR Remote instruction

### 2. Detailed functions of IR Remote Button:

Sign	Button	Description
	<b>ON/OFF</b>	<b>ON/OFF key:</b> start or turn off the LED lamp At the off statue, press any key to start the LED lamp
	<b>DELAY OFF</b>	<b>Delay off button:</b> Press this button, LED light will delay 30seconds to be off by itself
	<b>BRT+ BRT-</b>	<b>Brightness + key / -key:</b> Press this two buttons to increase and decrease LED brightness, total 256 levels of brightness, can change brightness continuously by holding on the button.
	<b>HOTKEY</b>	<b>Brightness keyboard shortcuts:</b> Can select different brightness you want directly and immediately by Pressing these 4 shortcuts.
	<b>SCENE</b>	<b>DIY scene key:</b> total four keys, press any key over 3 seconds until the indicator flicks, it means the current brightness was recorded to this button, later you can enter this mode by just once pressing.

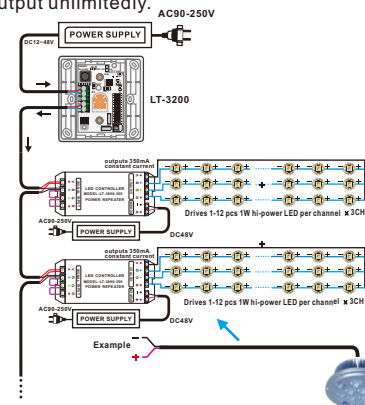
## 5. Connection Diagram

### 1. LT-3200-350 connects 1W hi-power LED directly:



3

### 2. You can add our constant current power repeater LT-3090-700 to expand power output unlimitedly.



## 6. Attention

- The product shall be debugged and installed by professional persons.
- This product is non-waterproof, please avoid the sun and rain. Put it in a water-proof box if install outdoor.
- Good condition of heat dissipation will prolong the working life of controller, please install the product in a good ventilated condition.
- Please check if the output voltage of the LED power supply comply with the voltage range of the product.
- The diameter of adopted cable should load enough connected LED light. Ensure a solid connection in order to avoid triggering accident result from poor contact or cable overheated.
- Ensure all wire connection are correct before power debugging, which is to avoid lamps to be burnt because of wrong connection.
- Please do not maintain it by yourself if any fault, please contact your supplier if any question.

## 7. Warranty Agreement

- We provide lifelong technical assistance with this product:
  - A 3 year warranty is given from the date of purchase. The warranty is for free repair or replacement and covers manufacturing faults only.
  - For faults beyond the 3 year warranty we reserve the right to charge for time and parts.
- Warranty exclusions below:
  - Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
  - The product appears to have excessive physical damage.
  - Damage due to natural disasters and force majeure.
  - Warranty label, fragile label and unique barcode label have been damaged.
  - The product has been replaced by a brand new product.
- Repair or replacement as provided under this warranty is the exclusive remedy to the customer. Ltech shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
- Any amendment or adjustment to this warranty must be approved in writing by Ltech only.

★ This manual only applies to this model. Ltech reserves the right to make changes without prior notice.

4