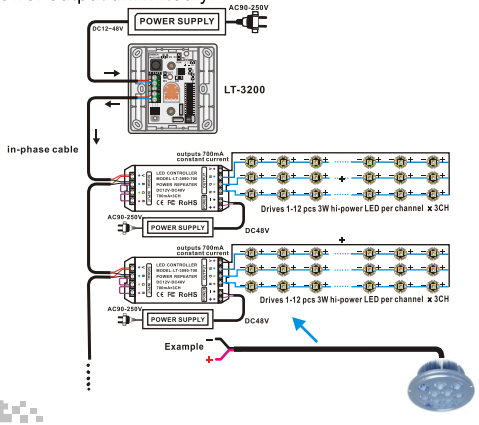
2. you can add our constant current power repeater LT-3090-700 to expand power output unlimitedly.



6. Attention:

1. This product is non-waterproof, please avoid the sun and rain. Put it in a waterproof box if install outdoor.
2. The condition of radiation will affect the working life of controller, please install the product in a good radiation condition.
3. Please check if the output voltage of the LED power supply comply with the voltage range of the product.
4. This product is a high current device, please ensure a solid connection in order to avoid poor contact to damage parts and trigger fires.
5. Ensure all wire connection are correct before power debugging, which is to avoid lamps to be burnt because of wrong connection.
6. All the switching power supply must be well grounded, so as not to affect the working life of LED.
7. Please do not maintain it by yourself if any fault, please contact your supplier if any question.

7. After-sale service:

This product is 2 years free warranty, lifelong technical maintenance.The warranty excludes improper connection to power supply, overload working, etc. Human damages and force majeure factors.

Repair or replacement as provided under this warranty is the exclusive remedy of the customer. We shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.

For the sake of the convenience to repair, please don't tear up or obliterate the label on product.

This manual is only apply to this model, any update is subject to change without prior notice.

LT-3200-700
Constant Current LED Dimmer

CE RoHS COMPLIANT warranty 2 years

LT-3200-700 is an intelligent dimmer dedicated to adjust the brightness of LED light, adopted the most advanced PWM (Pulse-Width Modulation) digital bright ness-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; can adjust the brightness of hi-power 3W lights, can meet different brightness requirements at different time, and extend life tenure of LED, so energy-saving.

1. Technical Specs

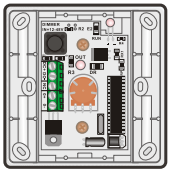
LT-3200-700	
Power supply chosen	DC CV SMPS
Input voltage	DC12V～DC48V
Output signal	Constant current PWM
Output current	Constant current 700mA
Driving LEDs	1~12 pcs 3W LEDs
Dimming range	0-100%
Grey scale	256 levels
Working Temperature	-30℃-55℃
Switch Dimension	L87×W87(mm)
Remoter Dimension	L86×W33(mm)
Packaging Dimension	L96×W91×H61(mm)
Weight (G.W)	200g

2. Features

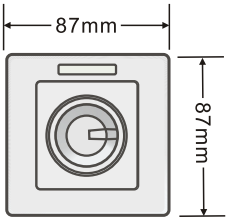
1. 0～100％ brightness adjust, infinite knob style dimming+ wireless IR remote dimming, easy to operate.
2. 256 levels grey scale, soft and smoothly, without flicker.
3. PWM digital dimming+ programs without current surge, longest life tenure of LED.
4. 25%、50%、75%、100% 4 DIY modes, fast adjust.
5. 4 DIY modes, with Fluorescent Indicator & delay off button, users friendly.
6. When load of constant current/voltage is beyond, add extra repeater to expand power.
7. Several different types available, suitable for LED lamps with a different circuit.

3. Construction drawing

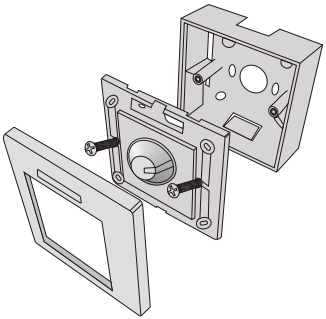
Front view



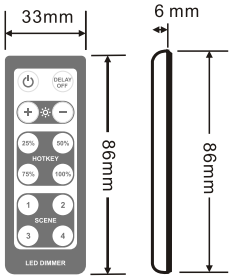
Back view



Dimmer size



Major configuration



IR remote size

4. Operation instructions

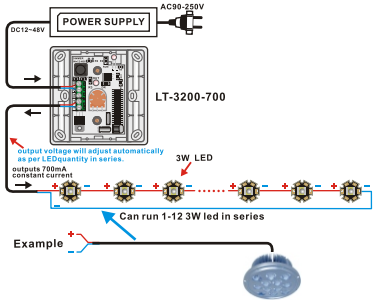
1. About the button:

Dimmer knob instruction

IR Remote instruction

2. Detailed functions of IR Remote Button：

Sign	Button	Description
	ON /OFF	**on/off key**：start or turn off the LED lamp At the off statue, press any key to start the LED lamp
DELAY OFF	DELAY OFF	**Delay off button**： Press this button，LED light will delay 30seconds to be off by itself
	BRT+ BRT-	**Mode+ key / -key**： Press this two buttons to increase and decrease LED brightness, total 256 levels of brightness, can change brightness continuously by holding on the button.
25% 50% HOTKEY 75% 100%	HOTKEY	**Brightness keyboard shortcuts**： Can select different brightness you want directly and immediately by Pressing these 4 shortcuts.
1 2 SCENE 3 4	SCENE	**DIY mode button**：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-3200-700 connects 3W hi-power LED directly: