



General

Mounting	Built-in
Wire Strip Length	5mm
Wire Type	2.5mm2

Electronics

Output Voltage	3 ~ 46 V DC
Output Current (mA) max/output	350~1050
Power Consumption (W)	48.3
Power Supply	N/A
LED Outputs	1

Lighting

Color Range	Single Color
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Control

Output Signal	PWM-CC
Control	Manual
Dimming Range	0~100%
Remote Distance	25m
Functions	Wall-mount, Remote

Protection

Reverse Polarity	Yes
LED Output Short	Yes
Overload	Yes

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

CE FCC IP20 5 year warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



LT-3200-CC

Constant Current LED Dimmer



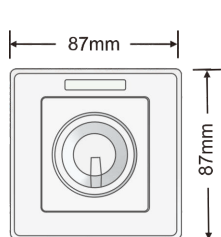
LT-3200 series LED intelligent dimmer is dedicated to adjust the brightness of LED lights, which adopted the most advanced PWM (Pulse-Width Modulation) digital brightness-adjusting technology, users can either operate manually or use the IR wireless remote controller to control the brightness in the distance, they are suitable for commercial and household 86-style socket installation, the socket can be installed outside or inside the wall. LED intelligent dimmer can meet different brightness requirements at different time, and can extend life of LED, suitable for adjusting the brightness of both low-power and hi-power LED illumination lights, energy-saving.

1. Product Parameter:

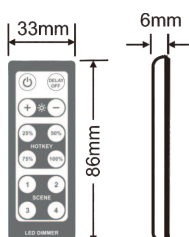
LT-3200-CC

- | | | | |
|---------------------|--------------------------|-------------------------|---------------------------|
| • Input Voltage: | 12~48VDC | • Protection: | Short circuit / Over load |
| • Output Voltage: | 3~46VDC | • Working Temperature: | -30°C~55°C |
| • Output Current: | CC 350/700/1050mA 3 in 1 | • Switch Dimensions: | L87×W87(mm) |
| • Output Power: | 1.05W~48.3W | • Remote Dimensions: | L86×W33(mm) |
| • Dimming Range: | 0-100% | • Packaging Dimensions: | L96×W91×H61(mm) |
| • Grey Scale Level: | 4096 levels | • Weight (G.W): | 175g |

2. Product Size:

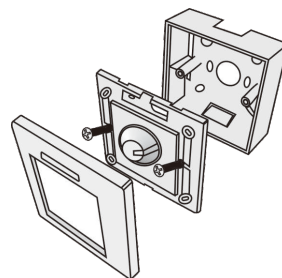


Dimmer

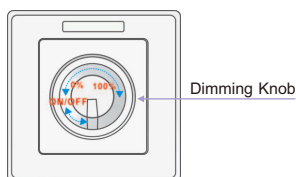


IR Remote

3. Installation Instruction:



4. Key Functions and Terminal Instruction:

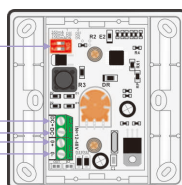


Dimmer

Current Selection Switch
(Operation as below)

ON	350mA	OFF	OFF
1	700mA	OFF	ON
2	1050mA	ON	ON

12-48VDC
CV Power Supply
LED Lamps
Connection Socket



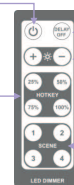
Terminal Description

⏻ ON/OFF
(Press any keys to
turn on the dimmer)

⬆️ ⬆️ ⬆️ ⬆️
Brightness
Shortcut Keys

⏻ 30s Delay Off Button
⬆️ ⬆️ ⬆️ ⬆️ Brightness+/-

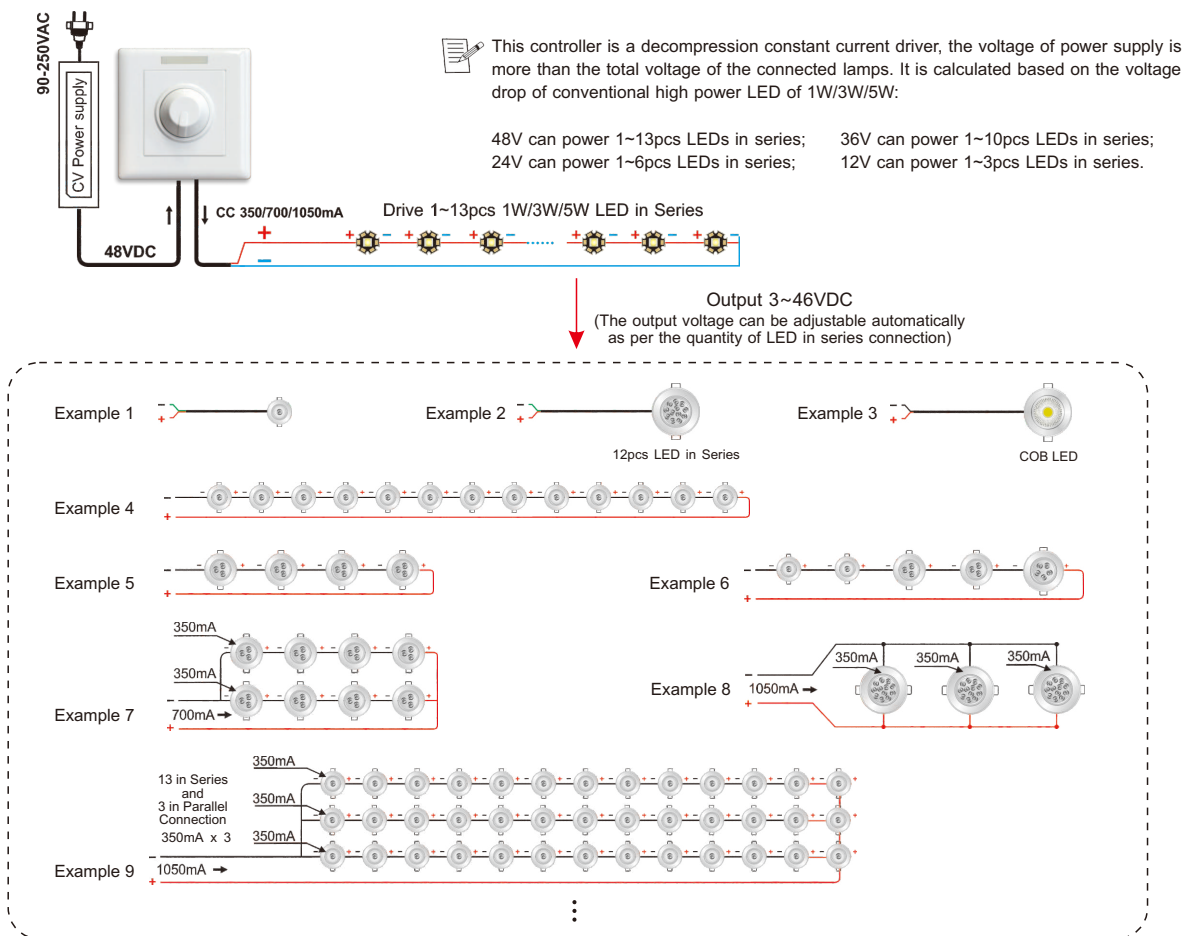
① ② ③ ④
DIY Scene Keys
(Long press to save scene)



IR Remote

5. Wiring Diagram:

5.1 Connection diagram for high power LED:



5.2 Connection diagram for low power LED 5050,3528 :

