

LT-391-700 0-10V LED Dimming Driver (Constant Current)

User's Manual



(Please read this manual carefully before use)

Forward

Thanks for choosing our LT-391-700 Dimming Driver Before installation and usage, we strongly recommend you to read through this manual carefully.

After-Sales

From the day you purchase our products within a year, if being used properly in accordance with the instruction, and quality problems occur, we provide free repair or replacement services except the following cases:

1. Any defects caused by wrong operations..
2. Any damages caused by inappropriate power supply or abnormal voltage.
3. Any damages caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
4. Any damages due to transportation, breaking, flooding water after the purchase.
5. Any damages caused by earthquake, fire, flood, lightning strike etc force majeure of natural disasters.
6. Any damages caused by negligence, inappropriate storing at high temperature and humidity environment or near harmful chemicals.
7. Product has been updated.

Safety warnings



1. Please don't install this controller in lightening, intense magnetic and high-voltage fields.
2. To reduce the risk of component damage and fire caused by short circuit, make sure correct connection
3. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
4. Check if the voltage and power adapter suit the controller (please select **DC12-48V power supply with constant voltage**)
5. Don't connect cables with power on, make sure a correct connection and no short circuit checked with instrument before power on.
6. Please don't open controller cover and operate if problems occur.
- 7.

The manual is only suitable for this model, any update is subject to change without prior notice.

Product Brief

Along with the rise of LED illumination, LED lamps are widely used in hotel, business center, household decoration etc., there are more and more chances to use LED and fluorescent lights at the same project, if LED lamps and fluorescent lights can be controlled together by a traditional fluorescent dimming system, it will make everything more convenient, but the dimming principles of LED and traditional fluorescent lights are different, LED lights can not be dimmed by the fluorescent dimming controller directly.

As a fact of that, our company developed a new 0/1-10V to PWM dimming driver which has solved the compatible problem of fluorescent dimming system. and LED illumination, LED lamps can be controlled by many traditional intelligent dimming system.

I . Product Parameter

LT-391-700 CC 0-10V Dimming Driver

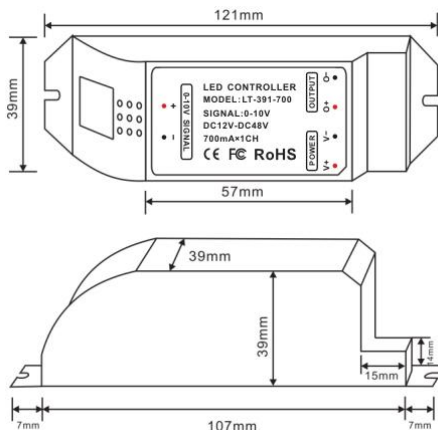
Input voltage	DC12V~DC48V
Output current	Constant current 700mA
Max output power	33.6W
Driving LEDs	1~12 pcs 3W LEDs
Input signal	0-10V analog dimming signal
Output signal	PWM LED dimming signal
Dimension	L121XW39XH39(mm)
Package Size	L123XW42XH42(mm)
Weight (G.W)	85g

II Basic Features:

1. 0 - 10V to PWM dimming signal conversion.
2. Optical isolation protection for input & output;
3. Compatible with many brand dimming systems.

- 4. Constant current 700mA high precision output
- 5. DC12V-48V input voltage, which can drive 1~12 pcs 3 W LED
- 6. Multi units can be worked together or use our power repeaters to control more lamps.

III. Product dimension



IV. Conjunction Diagram

