6. Forward

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

7. 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.

8. After-sale service:

This product is 1 year 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-391-700
0-10V LED Dimming Driver
(Constant Current)

USER MANUAL

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.

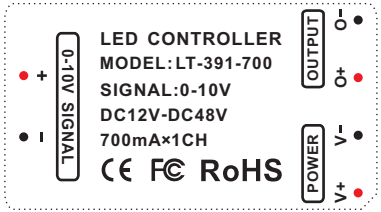
1. Product parameter

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
Working temperature	-30℃-55℃
Dimension	L121XW39XH39(mm)
Package Size	L123XW42XH42(mm)
Weight(G.W)	85g

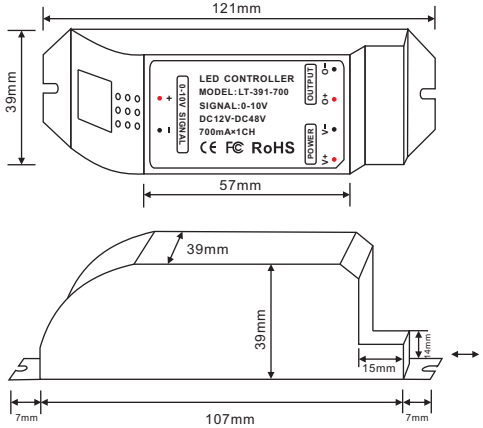
2. Basic Features

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 precison 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.

3. Product label

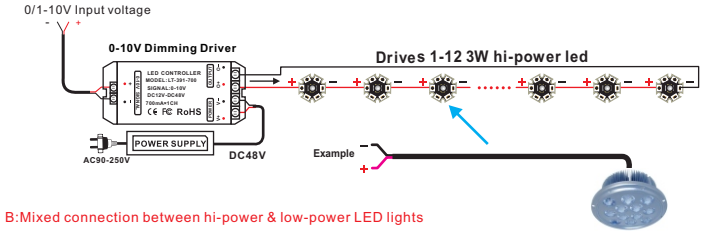


4. Product dimension



5. Conjunction Diagram

A:Connecting hi-power LED lights



B:Mixed connection between hi-power & low-power LED lights