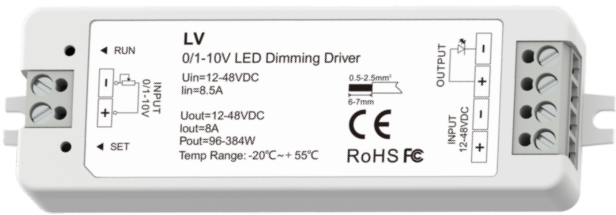


0/1-10V LED Dimming Driver

Features

- 1 channel 0/1-10V input,  
1 channel PWM constant voltage output.
- 0~100% dimming range via logarithmic characteristic  
can be very comfortable for human eyes.
- Compatible with active or passive 0-10V, 1-10V dimmer,  
can solve the fluorescent lamp dimming system compatible with LED lighting.
- PWM frequency 500Hz, 2KHz, 8KHz or 16KHz selectable.

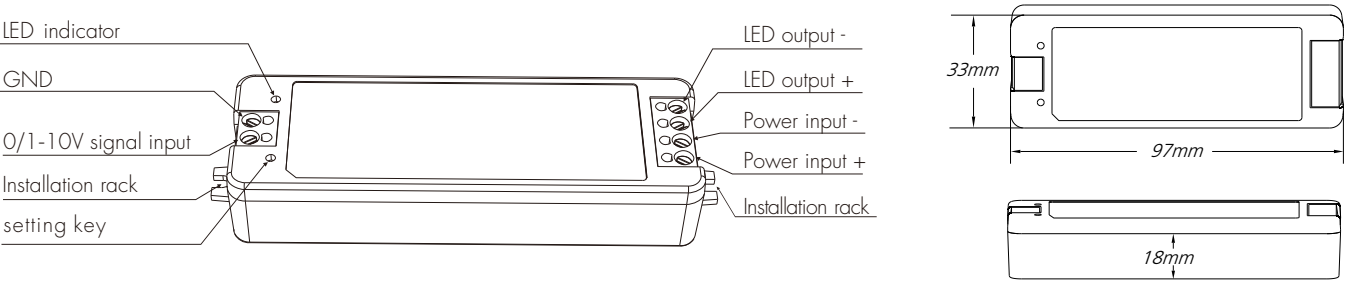


FC CE RoHS

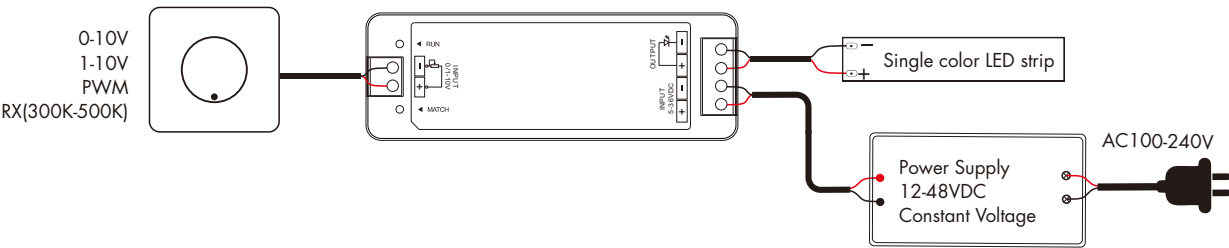
Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	12-48VDC	Input signal	0/1-10V	EMC standard	EN IEC 55015/EN IEC 61547 EN IEC 61000-3-2/EN IEC 61000-3-3
Input current	8.5A	Dimming range	0-100%	Safety standard	EN 61347-1/-2 EN 62493
Output voltage	12-48VDC	Dimming curve	Logarithmic	Certification	CE RoHS FCC
Output current	1CH,8A	PWM Frequency	500Hz/2KHz/8KHz/16KHz	Package & Warranty	
Output power	96W/192W/288W/384W (12V/24V/36V/48V)	Environment		Size	L114xW38xH26mm
Output type	Constant voltage	Operation temperature	Ta: -20℃ ~ +55℃	Gross weight	0.053kg
		Case temperature (Max.)	Tc: +85℃	Warranty	5 years

Mechanical Structures and Installations



Wiring Diagram



- Notes:
- The 0/1-10V input is operable via commercially available simple rotary wall switches designed for 0/1-10V dimming equipment or from dedicated system central dimming controllers.
  - Compliant with 0-10V, 1-10V, 10V PWM, RX(4 in 1).
  - We recommend the number of LED drivers connected to 0/1-10V dimmer does not exceed 50 pieces, The maximum length of the wires from dimmer to LED driver should be no more than 50 meters.

## PWM Frequency Setting

Long press SET key for 2s, set PWM frequency to 500Hz, LED indicator flash once.  
Long press SET key for 5s, set PWM frequency to 2KHz, LED indicator flash twice.  
Long press SET key for 10s, set PWM frequency to 8KHz, LED indicator flash 3 times.  
Long press SET key for 15s, set PWM frequency to 16KHz, LED indicator flash 4 times.  
Higher PWM frequency, will cause lower output current, higher power noise, but more suitable for camera(No flickers for video).

## Dimming Curve

