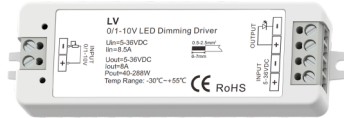


0/1-10V LED Dimming Driver

Model No.: LV

0-10V or 1-10V signal input/PWM Constant voltage output/Logarithmic dimming



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.

FC CE RoHS EMC

Technical Parameters

Input and Output	
Input voltage	5-36VDC
Input current	8.5A
Output voltage	5-36VDC
Output current	1CH, 8A
Output power	40W/96W/192W/288W (5V/12V/24V/36V)
Output type	Constant voltage

Dimming data	
Input signal	0/1-10V
Dimming range	0-100%
Dimming curve	Logarithmic
PWM Frequency	500Hz

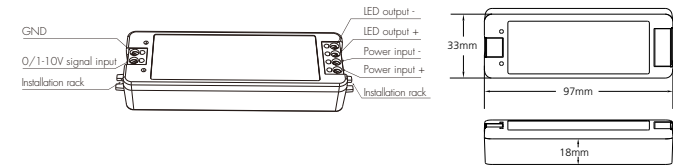
Safety and EMC	
EMC standard (EMC)	EN301 489, EN 62479
Safety standard(LVD)	EN60950
Certification	CE, EMC, LVD

Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +85°C
IP rating	IP20

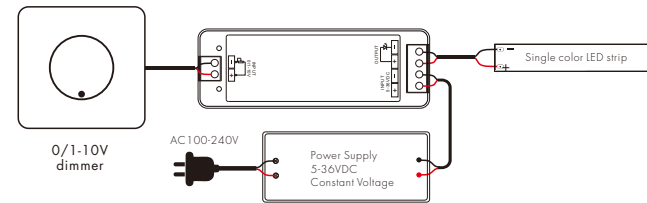
Warranty and Protection	
Warranty	5 years
Protection	Reverse polarity Short circuit

Weight	
Net weight	0.043kg
Gross weight	0.053kg

Mechanical Structures and Installations



Wiring Diagram



Note:

- 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 5 pieces, The maximum length of the wires from dimmer to LED driver should be no more than 1.5 meters.

Dimming Curve

