



Features:

- Constant Voltage PWM Output
- AC Input Range: 200~240VAC with PFC
- Protections: Short Circuit/Over Load/Over temperature
- Class I Power Supply
- IP66 Design for Outdoor installation
- Cooling by Free Air convection
- Factory Fitted Flex and AU Plug
- 0-10V, Phase Cut
- 5 year warranty



Model		LMVP-30-12	LMVP-30-24
Output	DC Voltage (V)	12V	24V
	Voltage Tolerance	±0.5V (See Note 2.)	
	Rated Current	2.5A	1.25A
	Rated Power	30W	
Input	Voltage Range	200~240VAC	
	Frequency Range	47~63HZ	
	Power Factor	0.96 @ 230VAC	
	Efficiency	79%	78%
	AC Current	0.25A@100VAC	0.25A@100VAC
	Leakage current	<0.50mA	
	Inrush Current	40.8A, 50%, 120us	
	Max. No. of drivers on a 16A Circuit Breaker	4 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC	
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition removed	
	Over Load (Note 4)	≤120% Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature	100°C± 10°C	
Environment	Working Temp.	-40 ~ +60°C (refer to de-rating curve)	
	Working humidity	20~95%RH, non-condensing	
	Storage TEMP, humidity	-40~+80°C, 10~95%RH	
	TEMP. coefficient	±0.03%/°C (0~50°C)	
	Vibration	10~500Hz, 5G 10min./1 cycle, period for 60min, each along X, Y, Z axes	
Safety & EMC	Safety standards	EN61347-1 EN61347-2-13 EN62493	
	Withstand voltage	I/P-O/P: 3.75KVAC	
	Isolation resistance	I/P-O/P: 100MQ/500VDC/25°C/70%RH	
	EMC emissions (Note 3.)	EN55015, EN61000-3-2-3, EN61000-3-3	
Others	EMC Immunity	EN61000-4,2,3,4,5,6, 11, EN61547	
	Net. Weight	0.55KG	
	Size	260*32*20mm (L*W*H)	
Notes	Packing	290*160*175mm/20PCS/CTN G.W. :12KG/CTN	
	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Tolerance: Includes set up tolerance, line regulation and load regulation. 3. The LED driver is considered as a component that is operated in conjunction with final equipment. EMC performance could be affected by the complete installation. Original equipment manufacturers may need to conduct additional EMC testing and certification on the final equipment. 4. Normal loading range from 10% to 100%. 5. Specifications are subject to change without prior notice. Contact your supplier to confirm any critical parameters. 6. Reading taken at tc point marked on product label.		

Mechanical Specification

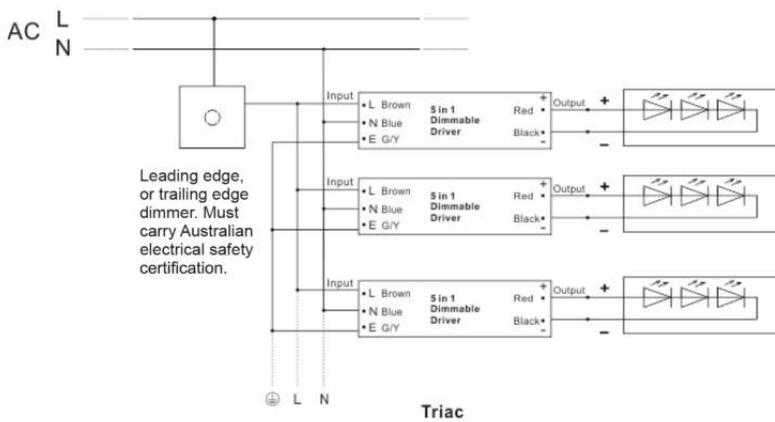


Input:
1m AU Flex and Plug

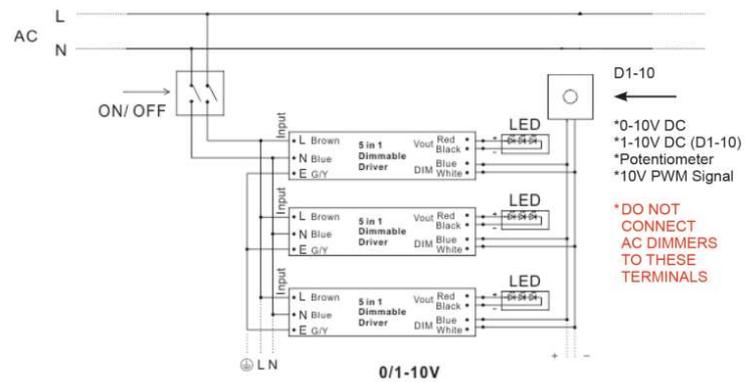
Output:
Rubber cable 2*1.0mm²
Red: (V+) Positive
Black: (V-) Negative

Dimming:
Rubber cable 2*0.75mm²
Blue: DIM (+)
White: DIM (-)

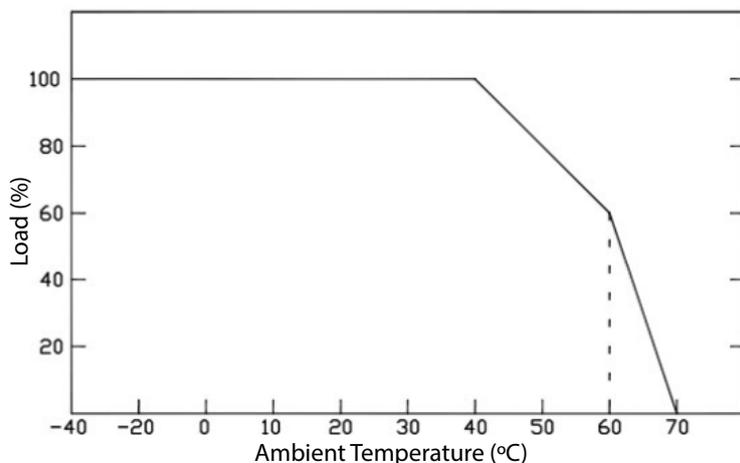
Phase Dimming Connection Diagram



0-10V (1-10V) Connection Diagram



De-rating Curve



• If being used in higher ambient temperatures, ensure the load on the LED driver is de-rated in accordance with this chart. Failure to do so could lead to a premature failure, which is not covered by the warranty.

Power Source D1-10 1-10V Dimmer

- Dimming range: 10-100%
- Controls up to 30 LED Drivers
- Operating temp: 0~50%
- Compatible with most switch wall plates



Important

- 1) Refer to Power Source Installation Manual.
- 2) Do Not Cover.
- 3) This LED driver should be installed by a qualified electrician.
- 4) Please make sure the LED driver is installed with adequate ventilation around it to allow for heat dissipation.
- 5) Ensure that all wiring is correct before testing in order to avoid damage to the LED driver, or the LEDs.