



LUMINGLITE

Lumilite Lighting Tech. Co., Ltd.

Specification

Model: LMWV-150-12

Description: Input:200-240Vac, Output: 12Vdc, 12.5A, LED Driver

Date : _____

Prepared by: _____

Checked by: _____

Approved by: _____

Customer authorized signature: _____


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Specification

Product Name:	LED Driver	Applications: Applicable occasions: Indoor、Outdoor Features: 1、 Wide voltage input. 2、 Working temperature range -25℃~+50℃. 3、 With OCP、 SCP protection function. 4、 Through the FCC、 CB、 CE、 TUV Mark、 RCM、 IP67、 RoHS
Model:	LMWV-150-12	
		Installation: screws for fixing. Warranty: 5 years.

1、 Product Parameters:

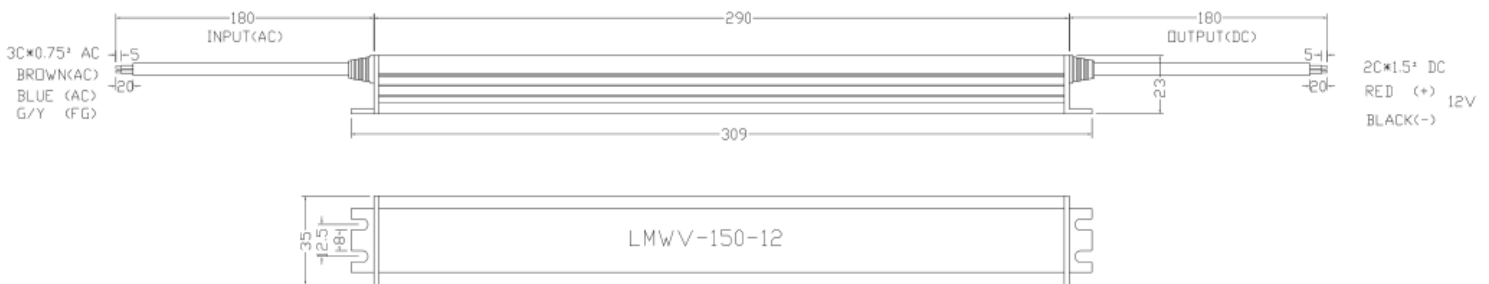
Output Characteristics	Rated Output Voltage	12V
	Rated Output Current	12.5A
	Rated Output Power	150W
	Output Voltage Accuracy	±5%(11.5-12.5V)
	Output Ripple & Noise	≤600mV
Input Characteristics	Input Voltage Range	200VAC-240VAC
	Input Frequency Range	50~60HZ
	Input Current	≤0.83A(200-240VAC)
	Surge Current (cold start)	46A @230VAC
	Power Efficiency	92%
	PF	>0.95
Protective Characteristics	Over-Current Protection	■YES □NO
	Short-Circuit Protection	■YES □NO
	Over-Voltage Protection	■YES □NO
	Over-Temperature Protection	□YES ■NO
Environmental Characteristics	Working Temperature	-25℃~+50℃
	Working Humidity	10%~95%RH
	Storage Temperature	~35℃~+65℃
	Storage Humidity	10%~95%RH

	IP Rating	IP67	
	Vibration	10~500Hz, 1.0mm, 15 minutes (for X、Y、Z each axis)	
Safety and EMC	Safety Standard	Design refer to UL/cUL、 FCC、 CB、 CE、 TUV Mark、 3C、 RCM、 IP67、 RoHS	
	Dielectric Strength (Hi-Pot)	I/P-O/P	3.75KVAC/ 10mA/ 3S
		I/P-Case	1.5KVAC/ 10mA/ 3S
	Insulation Resistance	100MΩ / 500VDC/ 3S	
	Grounding Resistance	≤0.5Ω	
EMC	Design refer to FCC part 15classB EN55015		
Other Characteristics	MTBF	50Khrs. MIL-HDBK-217F(25℃)	
	Size	309*35*23mm(L*W*H)	
	Weight	0.51 kg	

Remarks:

- ① Test environment temperature : 25 ± 2 ℃ ;
- ② Ripple and noise measurement methods: terminal to parallel 47uF electrolytic capacity and 0.1uF ceramic capacity, in 20 MHZ Bandwidth measurement.

2、 Profile Drawing:



Cable(Black)

Cable(white)

3、 Laybel Drawing

L Brown INPUT N Blue	LED DRIVER MODEL No. LMWV-150-12 Po:150W SELV PF>0.95 For LED Only Constant Voltage Type Suitable For Wet Locations	<table border="1"> <tr> <td>Input Voltage</td> <td>200-240V~50/60Hz</td> <td>Output Voltage</td> <td>12V^{nom}</td> </tr> <tr> <td>Input Current</td> <td>0.83A Max</td> <td>Output Current</td> <td>12.5A</td> </tr> </table>	Input Voltage	200-240V~50/60Hz	Output Voltage	12V ^{nom}	Input Current	0.83A Max	Output Current	12.5A	CE, M, M, 110, SELV, RoHS, S/N: _____	Red (Brown) "+" Black (Blue) "-" MADE IN CHINA
	Input Voltage	200-240V~50/60Hz	Output Voltage	12V ^{nom}								
Input Current	0.83A Max	Output Current	12.5A									
CAUTION: 1. Do not put the connected circuit to their source of the electric power supply. 2. Right installation for each their connection. 3. Do not touch the product when it's working.		Five-year warranty IP67 ta: 50℃ tc: 85℃										

4、Packaging Diagram:

产品/Product:



内盒/Inner box:



外箱/Outer carton:



5、Packaging Information:

- 1、Outer Carton: 350*320*205mm; Inner packing box: 336*29*37mm
- 2、(QTY)/ Quantity: 50pcs; Total 5 layer, each layer 10 pcs.
- 3、(NW) / Net Weight: 25.5(1±10%) kg;
- 4、(GW) / Gross Weight: 26.04(1±10%) kg;
- 5、The actual packed quantity and weight may subject to change without prior notice.

6、Note:

- 1、Please ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral

- wire.
- 2、 Please make the power supply installed in a well-ventilated place, to ensure that the environment temperature is appropriate.
 - 3、 Do not overload the power supply with multiple appliances.
 - 4、 Please do not touch the metal shell surface to avoid high temperature scald.
 - 5、 Do not install in the minefield or high pressure area.
 - 6、 Do not attempt to repair privately. Please contact the supplier if you have any questions.

7、 Tips:

- 1、 To be installed by a certified electrician. Please read and follow the instructions carefully before installing. Ensure all contact points are connected firmly.
- 2、 Please pay attention to the using environment, and conduct regular check and maintenance to eliminate safety risks.