



**LUMINGLITE**

Lumilite Lighting Tech. Co., Ltd.

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# Specification

**Model:** LMWV-75-12

**Description:** Input:200-240Vac, Output: 12Vdc, 6.25A, LED Driver

**Date** : \_\_\_\_\_

**Prepared by:** \_\_\_\_\_

**Checked by:** \_\_\_\_\_

**Approved by:** \_\_\_\_\_

**Customer authorized signature:** \_\_\_\_\_

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# Specification

<b>Product Name:</b>	LED Driver	<b>Applications:</b>  Applicable occasions: Indoor、Outdoor
<b>Model:</b>	LMWV-75-12	
		<b>Features:</b>
		<ol style="list-style-type: none"> <li>1、 Wide voltage input.</li> <li>2、 Working temperature range -25℃~+50℃.</li> <li>3、 With OCP、 SCP protection function.</li> <li>4、 Through the FCC、 CB、 CE、 TUV Mark、 RCM、 IP67、 RoHS</li> </ol>
		<b>Installation:</b> screws for fixing.
		<b>Warranty:</b> 5 years.

## 1、 Product Parameters:

Output Characteristics	Rated Output Voltage	12V
	Rated Output Current	6.25A
	Rated Output Power	75W
	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	≤0.6A(200-240VAC)
	Surge Current (cold start)	46A @230VAC
	Power Efficiency	87%
	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 CE	
	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	295*35*20mm(L*W*H)	
	Weight	0.42 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 G YIG N Blue	<b>LED DRIVER</b> MODEL No: LMWV-75-12 PF>0.95 Constant Voltage Type	Po:75W SELV For LED Only Suitable For Wet Locations	<table border="1"> <tr> <td>Input Voltage</td> <td>200-240V~ 50/60Hz</td> <td>Output Voltage</td> <td>12V<sub>DC</sub></td> </tr> <tr> <td>Input Current</td> <td>0.6A Max</td> <td>Output Current</td> <td>6.25A</td> </tr> </table>	Input Voltage	200-240V~ 50/60Hz	Output Voltage	12V <sub>DC</sub>	Input Current	0.6A Max	Output Current	6.25A		ta: 50℃ tc: 85℃	Red (Brown) "L" Black (Blue) "N" S/N: _____ MADE IN CHINA
	Input Voltage	200-240V~ 50/60Hz	Output Voltage	12V <sub>DC</sub>										
Input Current	0.6A Max	Output Current	6.25A											
<small>           Five-year warranty IP67            1. Do not get the product close to heat source or flammable material.            2. Please read the manual for every time construction.            3. Do not touch the product when it's working.         </small>														

#### 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: 21.0(1±10%) kg;
- 4、(GW) / Gross Weight: 21.54(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.



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