



LUMINGLITE

Lumilite Lighting Tech. Co., Ltd.

Specification

Model: LMNV-60-12

Description: Input:200-240Vac, Output: 12Vdc, 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
Model:	LMNV-60-12	
		Features:
		<ol style="list-style-type: none"> Wide voltage input. Working temperature range $-20^{\circ}\text{C}\sim+45^{\circ}\text{C}$. With OCP、SCP protection function. Through the FCC、CB、CE、TUV Mark、3C、RCM、IP20、RoHS
		Installation: screws for fixing.
		Warranty: 3 years.

1、Product Parameters:

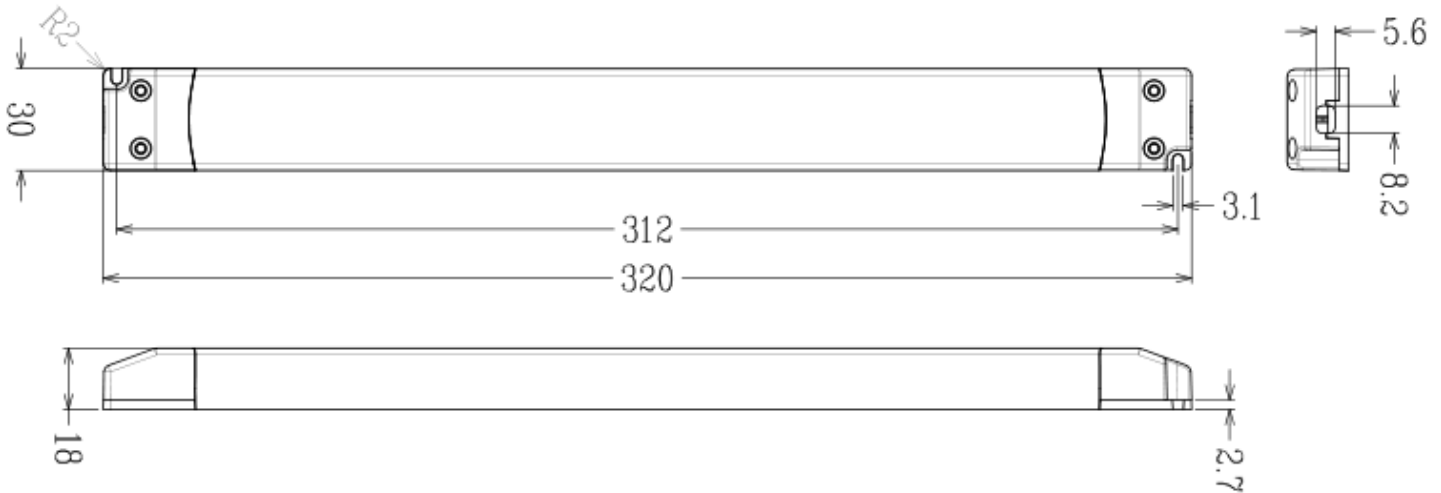
Output Characteristics	Rated Output Voltage	12V
	Rated Output Current	5A
	Rated Output Power	60W
	Output Voltage Accuracy	(11.5-12.5V)
	Output Ripple & Noise	$\leq 600\text{mV}$
Input Characteristics	Input Voltage Range	200VAC-240VAC
	Input Frequency Range	50~60HZ
	Input Current	$\leq 0.38\text{A}(200-240\text{VAC})$
	Surge Current (cold start)	46A @230VAC
	Power Efficiency	86%
	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	$-20^{\circ}\text{C}\sim+45^{\circ}\text{C}$
	Working Humidity	45%~85%
	Storage Temperature	$\sim 35^{\circ}\text{C}\sim+65^{\circ}\text{C}$

	IP Rating	IP20	
	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、 IP20、 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	30Khrs. MIL-HDBK-217F(25°C)	
	Size	320*30*18mm(L*W*H)	
	Weight	0.17 kg	

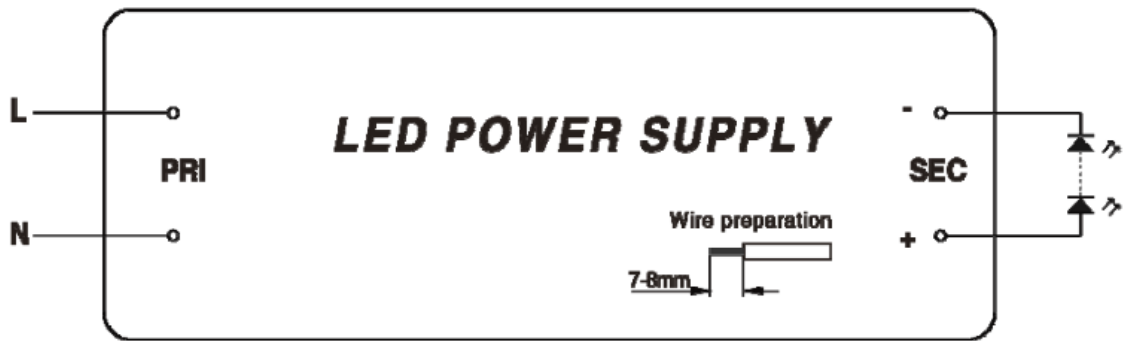
Remarks:

- ① Test environment temperature : 25 ± 2 °C ;
- 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:





Wiring Diagram



3、Laybel Drawing:

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 LUMINGLITE	LMNV-60-12 LED POWER SUPPLY	Prim.:100-240VAC,50/60Hz, $\lambda > 0.9$ Sec.: 12VDC,Max.5A t_c 60W $t_c:80^{\circ}C$ $t_a:45^{\circ}C$	
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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: 8.5(1±10%) kg;
- 4、(GW) / Gross Weight: 10.1(1±10%) kg;
- 5、The actual packed quantity and weight may subject to change without prior notice.

6、Note:

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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