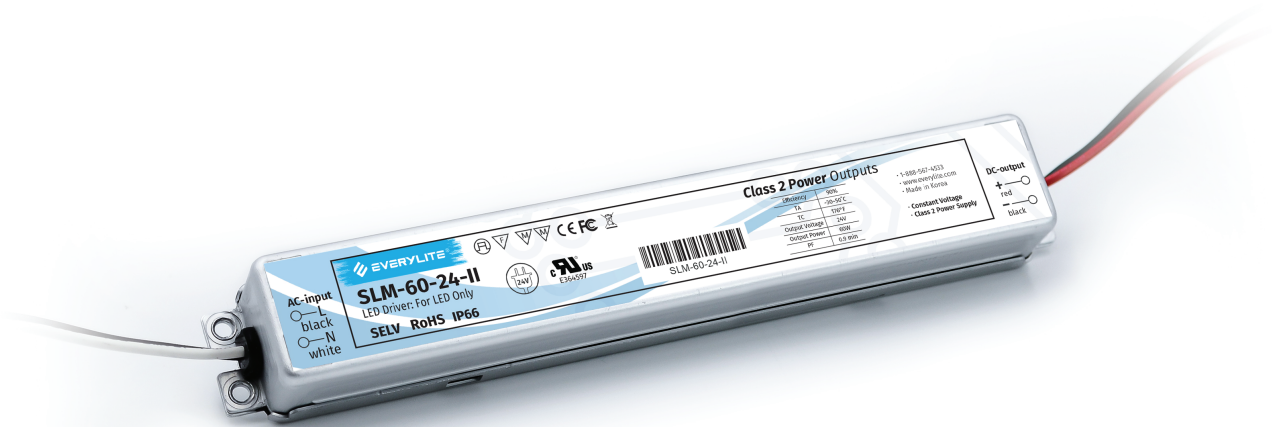


Date:	
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Project:	



SLM-60-24-II

Everylite Datasheet Ver 3.0.0
Revision Date 12/2021



Description

SLM-60-24-II Class 2 LED power supply is a high efficiency and high performance power solutions for LED signage and other outdoor applications by featuring a wide input voltage range 120-277VAC with PFC function, surge, over voltage, over current, over temperature and short circuit protections. With the waterproof grade of IP66, it is designed to work under a wide range of environmental conditions with multiple protection functions for wide operating temperatures -22°F to +122°F.

Features

- 120-277VAC nominal input voltage
- IP66 metal case with silicone encapsulated designed for indoor or outdoor applications, suitable for dry and damp locations.
- Built-in PFC function
- Protections: Short circuit, over current, over voltage, over temperature with auto recovery
- Compliance to worldwide safety regulations for lighting: UL, CE, FCC
- 5 year product warranty



Specification

Output Characteristics	
Rated Output Voltage	24V
Rated Output Current	2.5A
Rated Output Power	60W
Output ripple & noise	1000mVp-p

Environmental Characteristics	
Vibration	10-500HZ,5G, 12 min./1 cycle period for 72 min. (for X, Y, Z each axis)
IP Grade	IP66
Storage Humidity	10-95%RH
Storage Temperature	-40°F~+176°F
Working Humidity	20-95%RH (non-condensing)
Working Temperature	-22°F~+122°F

Safety and EMC	
Safety Standard	IP66 UL879, FCC, CLASS II, RoHS
Dielectric Strength (Hi-Pot)	I/P-O/P 1.6 KVAC
Isolation Resistance	100MOhm Max/ 500VDC
Grounding Resistance	100MOhm
EMC	FCC part 15 class B

Input Characteristics	
Input Voltage Range	120-277VAC
Input Frequency Range	50-60HZ
Input Current	0.6A @ 120V
	0.4A @ 240V
	0.3A @ 277V
Inrush Current (cold start)	≤40A (240VAC)
Efficiency	≥89%

Protective Characteristics	
Over-Temperature Protection	Yes
Over-Voltage Protection	Yes
Short-Circuit Protection	Yes
Over-Current Protection	Yes

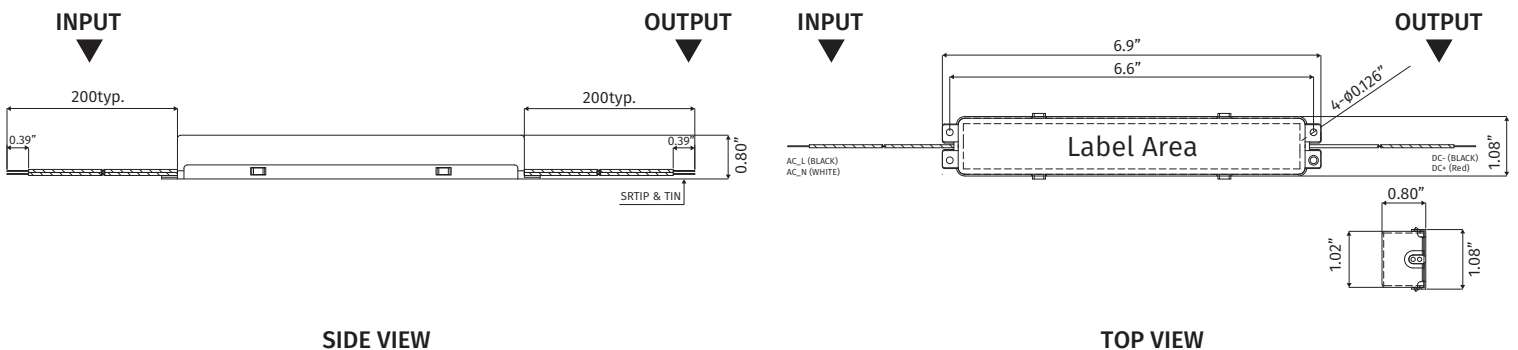
Other Characteristics	
Size	6.88"x1.08"x0.80"(L*W*H)
Weight	0.37 lbs

Notes

- All Parameters not specially mentioned are measured at 220VAC.
- Test environment temperature : 77°F
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with 0.1uF & 47uF parallel capacitor.
- The above data are typical values; the actual data of each single product could differ from the typical values.
- The data subject to change without prior notice.
- Please ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral wire.
- Please ensure the power supply position has sufficient airflow. Operating temperature must be between -22°F to +122°F.
- Power supply operates at high temperature. To avoid injury, do not touch while in use.
- Do not install with power connected or during an electrical disturbance.
- To be installed by a certified electrician. Please contact the supplier with any questions.

Drawing

Unit: inches



Label Drawing

AC-input L black N white		Class 2 Power Outputs <table border="1"> <tr> <td>Efficiency</td> <td>90%</td> </tr> <tr> <td>TA</td> <td>-30-50°C</td> </tr> <tr> <td>TC</td> <td>176°F</td> </tr> <tr> <td>Output Voltage</td> <td>24V</td> </tr> <tr> <td>Output Power</td> <td>60W</td> </tr> <tr> <td>PF</td> <td>0.9 min</td> </tr> </table>	Efficiency	90%	TA	-30-50°C	TC	176°F	Output Voltage	24V	Output Power	60W	PF	0.9 min	• 1-888-567-4533 • www.everylite.com • Made in Korea • Constant Voltage • Class 2 Power Supply • Suitable for Dry, Damp and Wet Locations	DC-output + red - black
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24V UL us E364597 	SLM-60-24-II LED Driver: For LED Only SELV RoHS IP66 SLM-60-24-II															

