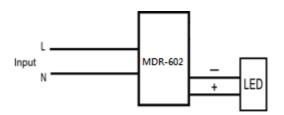
OZS

Features

- -Constant Current Output
- -TRIAC/ELV Dimmable
- -Class 2 Compliance
- Damp Location
- 5 Year Warranty
- Hot Wire Protection
- -Restart at Lowest Dimming Level

Wiring Diagram

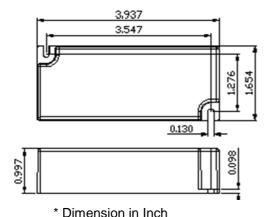


Mechanical Specifications

Dimensions L3.937"XW1.654"XH0.997" Weight 140g Lead Wire Length 6" (Standard) Max. Case Operation Temp. 80° C

Protection

- -Auto-reset electronic short circuit
- -Overload protection
- -Class 2



Environmental Specifications

-Operating Temperature -20° to 60° C -Storage Temperature -20° to 70° C -MTBF >100,000 hrs

-Lead Free SMT process



Note -

1. UL file No.: E340871



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Input - specification

	Units	Minimum	Typical	Maximum	Notes
Input Voltage Range(Vin)	Vac	108	120	132	
Input Frequency Range	Hz	47	60	63	
Input Power	W			19	
Power Factor(PF)		0.9	>0.9		>80% Load
Input Current	А	-	-	0.17A@120VAC	
Inrush Current	А			5 A peak	According to IEC 60555
Total Harmonics Distortion (THD)				< 20%	At nominal input voltage and nominal LED voltage
					2. Measure at full load
Efficiency		-	> 82%	-	Efficiency is measured after driver has thermally stabilized + full load
Isolation	Meet UL1310/UL8750 for class 2 isolation power supply				

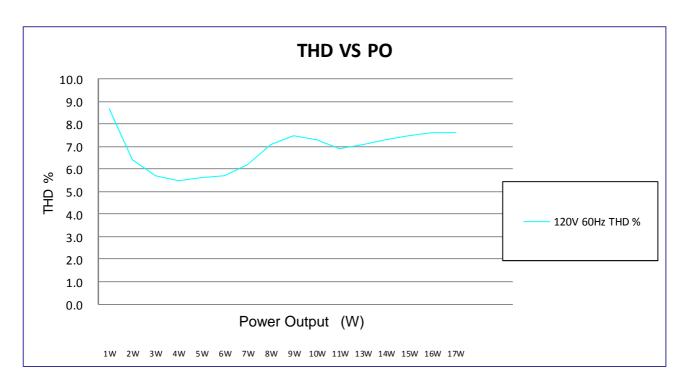
Output - specification

	Units	Minimum	Typical	Maximum	Notes
Output Voltage(V out)	Vdc	30		42	
Output Current(I out)	mA		420		
Output Current Tolerance	%		±3		
				≦20% pk-to-pk of the rated output current for all models with Vout max≧32V	
Output Ripple Current		<20% peak-t	o-peak of 4	≦50% pk-to-pk of the rated output current for all models with Vout max≦30V	
				At nominal LED voltage and nominal input voltage without dimming	
Dimming Range	%	6%		100%	Please refer to Dimmer compatibility list
Start-up Time			100		With nominal LED voltage and without dimmer attached
	ms		150		With nominal LED voltage, with an recommended dimmer attached(see dimmer compatibility list) and at the full dimming conduction angle
Operation Case Temperature	°C	-30		80C	
Isolation	Meet UL1310/UL8750 for class 2 isolation power supply				

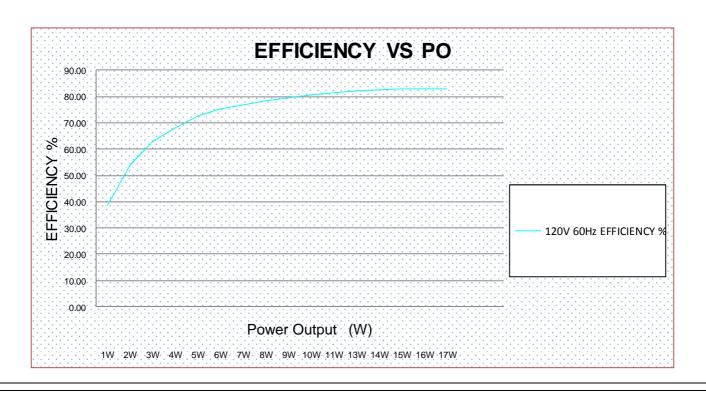
EMC / Protection / Compliance

Conducted and Radiated EMI		FCC CFR Title 47 Part 15 Class B and EN55022(CISPR 22) Class B compliant		
Immunity Compliance	ESD (Electrostatic Discharge)	IEC61000-4-2	6 kV contact discharge, 8 kV air discharge, level 3	
	Electrical Fast Transient	IEC61000-4-4	±2 kV on AC power port for 1 minute, ±1kV on signal/control lines	
	Surge	IEC61000-4-5	\pm 1kV line to line/ \pm 2kV line to earth on AC power port, \pm 0.5kV for outdoor cables	
Transient Protection	Ring Wave		ANSI/IEEE c62.41-1-2002 & c62.41-2-2002 category A, 2.5kV ring wave	

THD of the driver VS Power Output (W)



Efficiency of the driver VS Power Output (W)





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PF of the driver VS Power Output (W)

