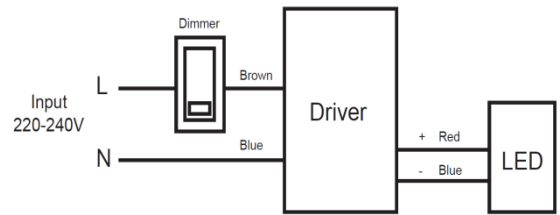


SPECIFICATIONS

Features

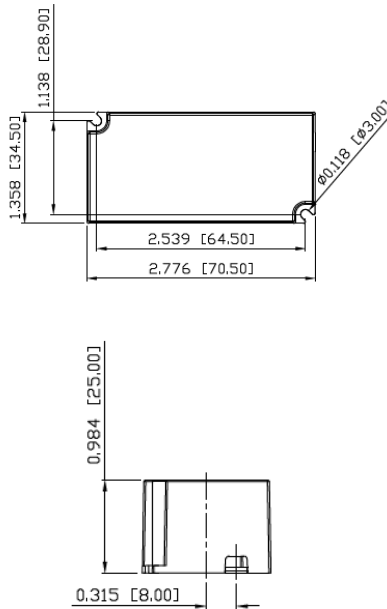
- Leading /Trailing Edge Dimmable
- Compact size
- Low profile
- Constant Current Output
- Active Power Factor
- Class II
- 5 Year Warranty
- Damp location approval

Wiring Diagram



Mechanical Specifications

Dimension L 2.776" x W 1.358" x H 0.984"
 Lead Wire Length 150mm Standard
 (7mm thinned plated)
 Max. Case Operation Temp. 80°C



* Dimension in Metrics (Inch)

Protection

- Auto-reset electronic short circuit
- Overload protection
- Thermal protection
- Class II

Environmental Specifications

- MTBF >100,000 hrs
- RoHS Compliant
- Lead Free SMT process
- Power Factor Correction / Low Load



Note –

- CE testing accordingly to the standard CE(LVD+EMC+EMF)IEC 61347-1+IEC61347-2-13+IEC60529+IEC55015+IEC61547+IEC62493



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Input - specification

	Units	Minimum	Typical	Maximum	Notes
Input Voltage Range(Vin)	Vac	220	230	240	
Input Frequency Range	Hz	50	60	63	
Input Power	W		18		
Power Factor(PF)		0.9	>0.9		>80% Load
Input Current	A	-	-	0.08A@220VAC 0.07A@240VAC	
Inrush Current	A			4 A peak	According to IEC 60555
Total Harmonics Distortion (THD)				20%	1. At nominal input voltage and nominal LED voltage 2. Measure at full load
Efficiency		-	>78%	-	Efficiency is measured after driver has thermally stabilized + full load
Isolation	Meet IEC 61347-1+IEC61347-2-13 for class II isolation power supply				

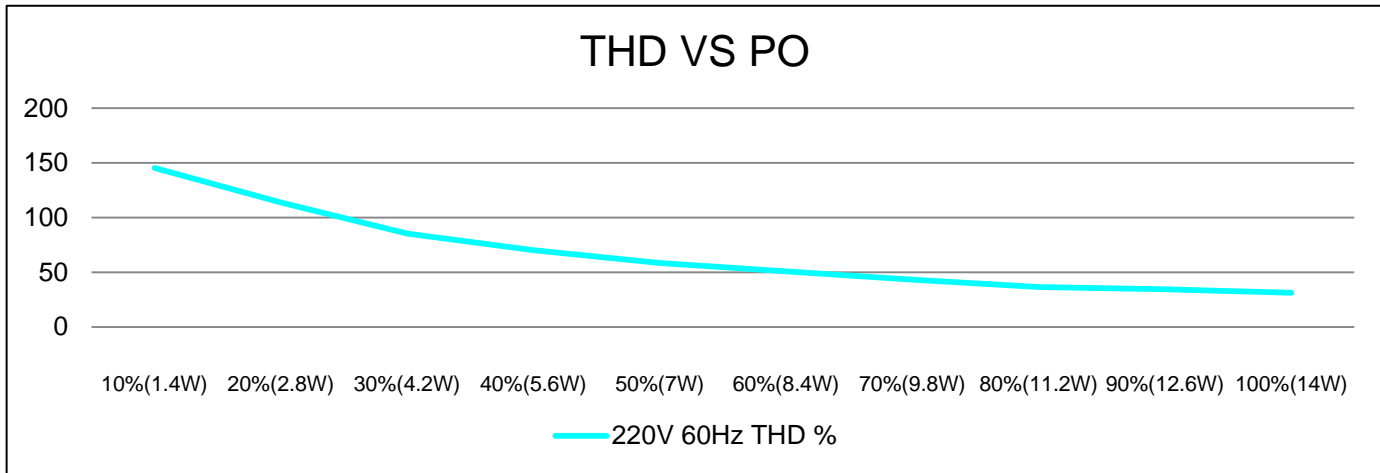
Output - specification

	Units	Minimum	Typical	Maximum	Notes
Output Voltage(V out)	Vdc	13		20	
Output Current(I out)	mA		700		
Output Current Tolerance	%		±3		
Output Ripple Current		<50% peak-to-peak of 700mA			≤ 20% pk-to-pk of the rated output current for all models with Vout max ≥ 32V ≤ 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	%	1%		100%	Please refer to Dimmer compatibility list
Start-up Time	ms		100		With nominal LED voltage and without dimmer attached
			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 IEC 61347-1+IEC61347-2-13 for class II isolation power supply				

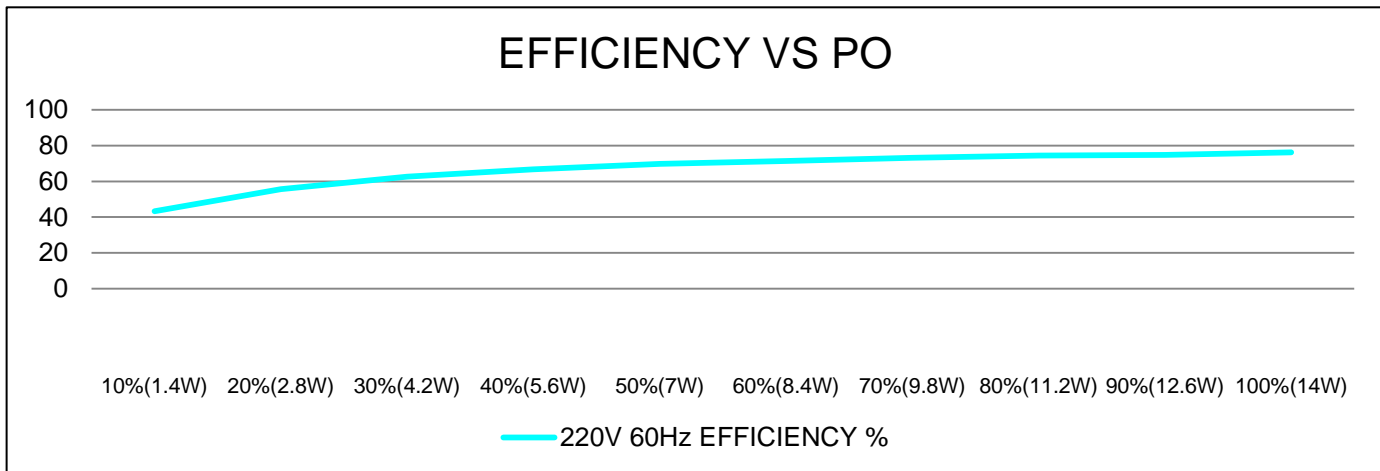
EMC / Protection / Compliance

Conducted and Radiated EMI		IEC55015+IEC61547+IEC62493			
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	±1kV line to line/±2kV line to earth on AC power port, ±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) :

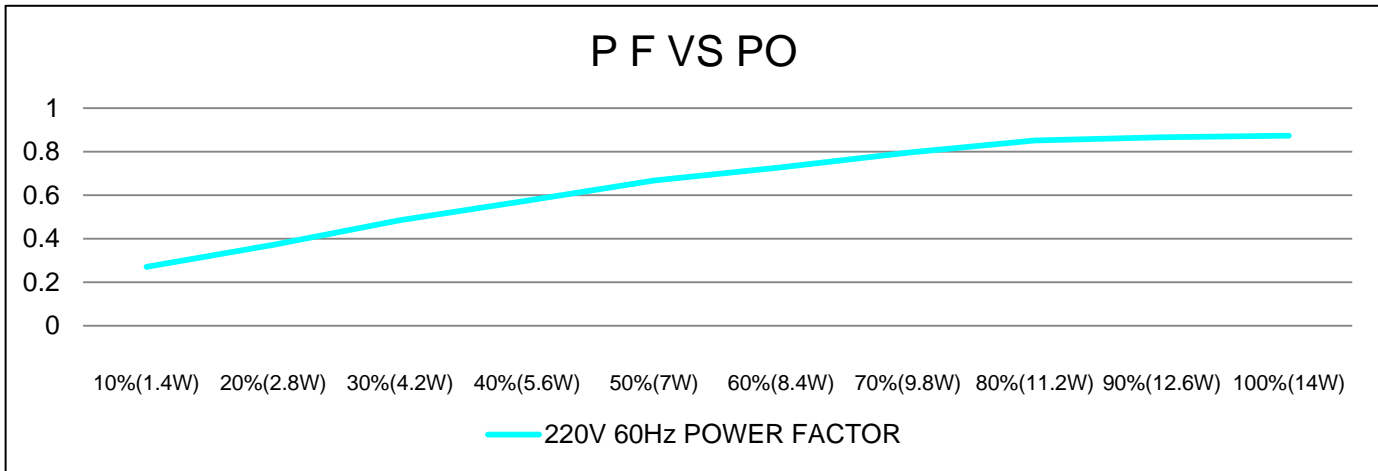


Efficiency of the driver VS Power Output (W) :



Electrical Specifications

Efficiency of the driver VS Power Output (W) :



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