

Features

- High Efficiency (Up to 87%)
- Active Power Factor Correction (Typical 0.98)
- For use in Class 2 lighting systems.
- Constant Output Current
- Complies with UL8750 & EN61347 Safety Regulations
- Sound Rated: Class A
- Complies with ANSI/IEEE C62.41, Class A Operation
- Complies with FCC Part15 Class A

Specifications

Output Current (mA)	700mA+/-5% (350mA/Channel x 2 Channels)		
Output Voltage (Vdc)	30-48Vdc		
Output Power (W)	34W(17W/Channel)		
Input Voltage (Vac)	120V(108-132V)	277V(249-305V)	347V(312-375V)
Input Current (A) Max	≤0.0.35A	≤0.16A	≤0.13A
Frequency (Hz)	50/60Hz		
Power Factor @ Full load	>0.98	>0.95	>0.90
THD @ At least 90% load	<20%	<20%	<20%
Efficiency @ Full load	≥86%	≥87%	≥86%
0-10V Dimming	10%-100%		
Start Time Max (s)	1s @ Full load		
Inrush Current (A)	Max 30A		
Environment Protection Rating	UL Damp and Dry Locations		
Operating Temperature	-30°C~55°C		
Storage Temperature	-40°C~55°C		

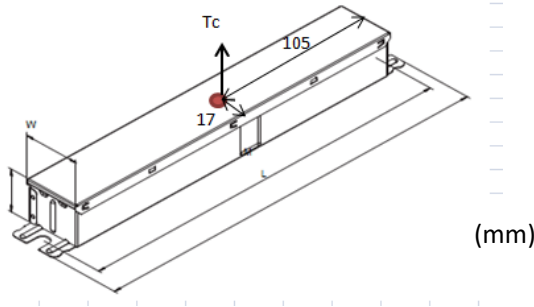
Physical Parameters

Dimensions(L × W × H)	9.5" × 1.3x 1.1" / 241mm × 33mm × 29mm
Input Wire(18AWG,105°C)	1x Black (L) = 12" / 300mm; 1x White (N) = 12" / 300mm
Output Wire(20AWG,105°C)	2x Blue (-) = 12" /300mm; 1x Red (+) = 12" / 300mm
Dim Wire(22AWG,105°C)	1x Violet =12" / 300mm; 1x Gray = 12" /300mm
Mounting (M)	8.9" / 226mm
Weight:	1.0 lb / 470g

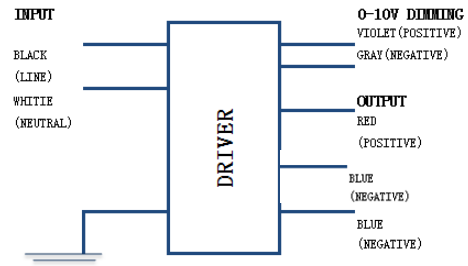
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Enclosure



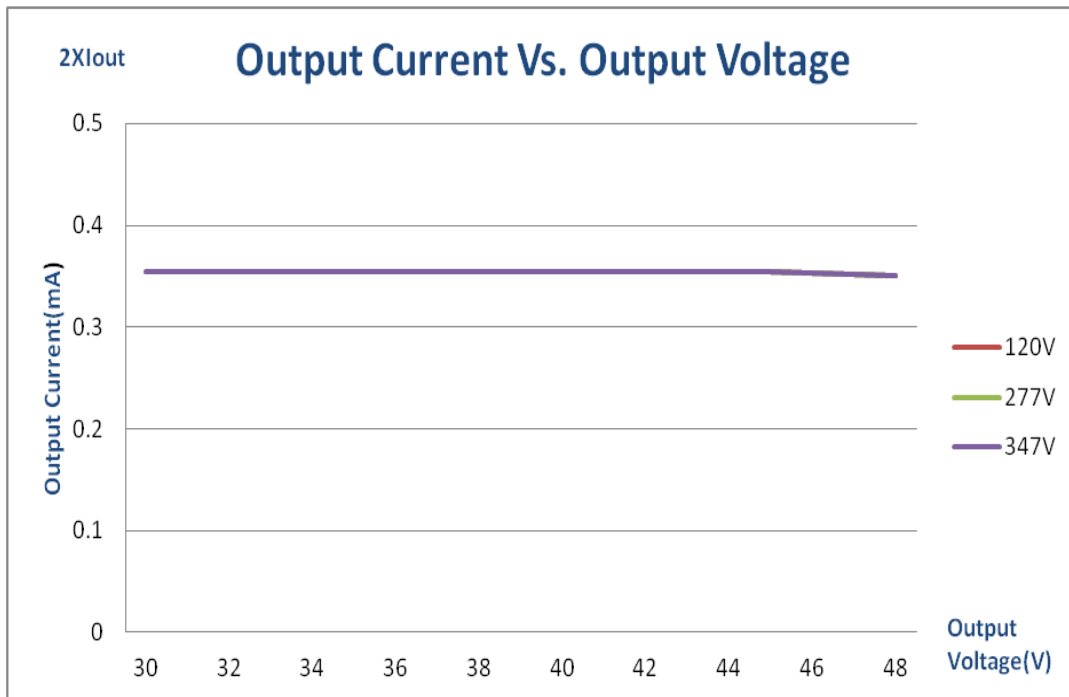
Wiring Diagram



Typical Electrical Performance Characteristics Curves

All the specifications are typical and at 25°C Tcase unless specified otherwise.

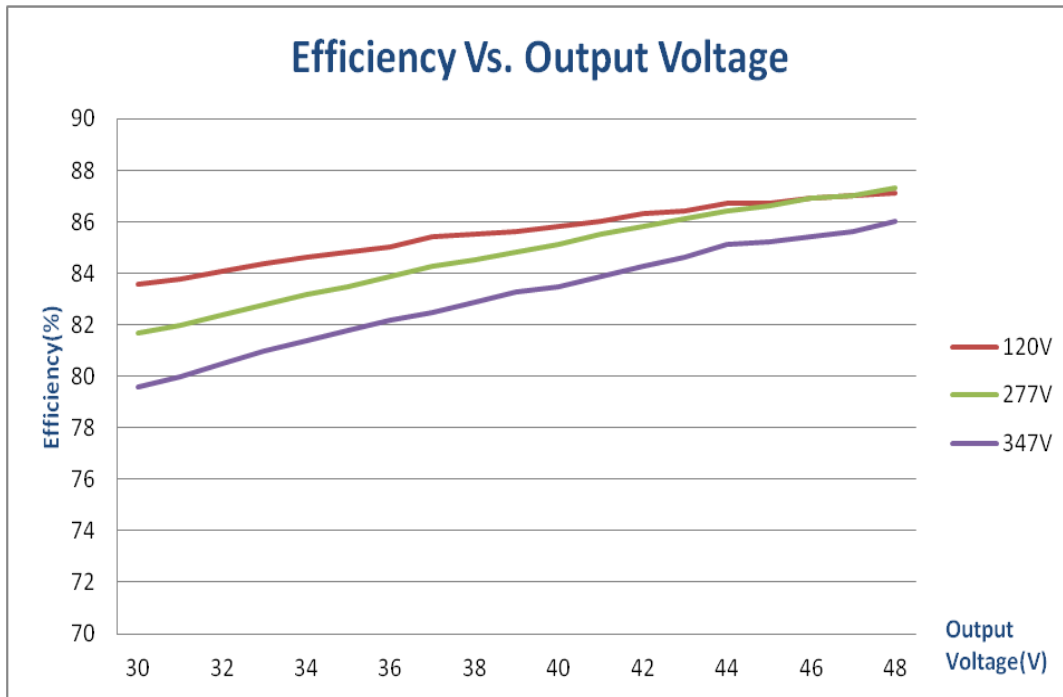
Output Current vs. Output Voltage



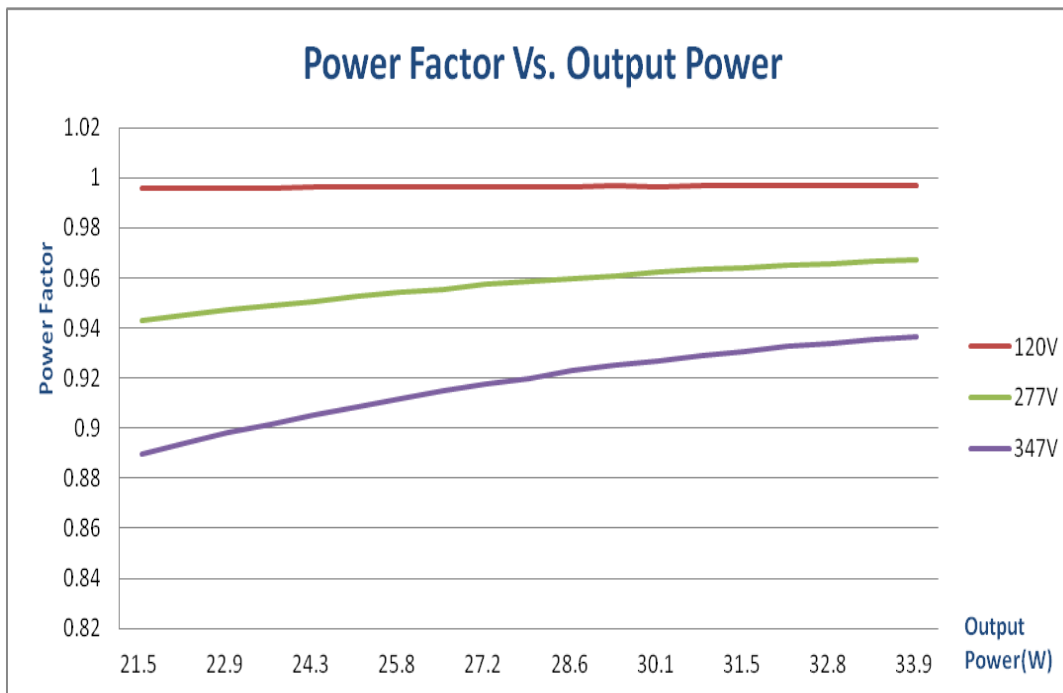
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Efficiency Vs. Output Voltage



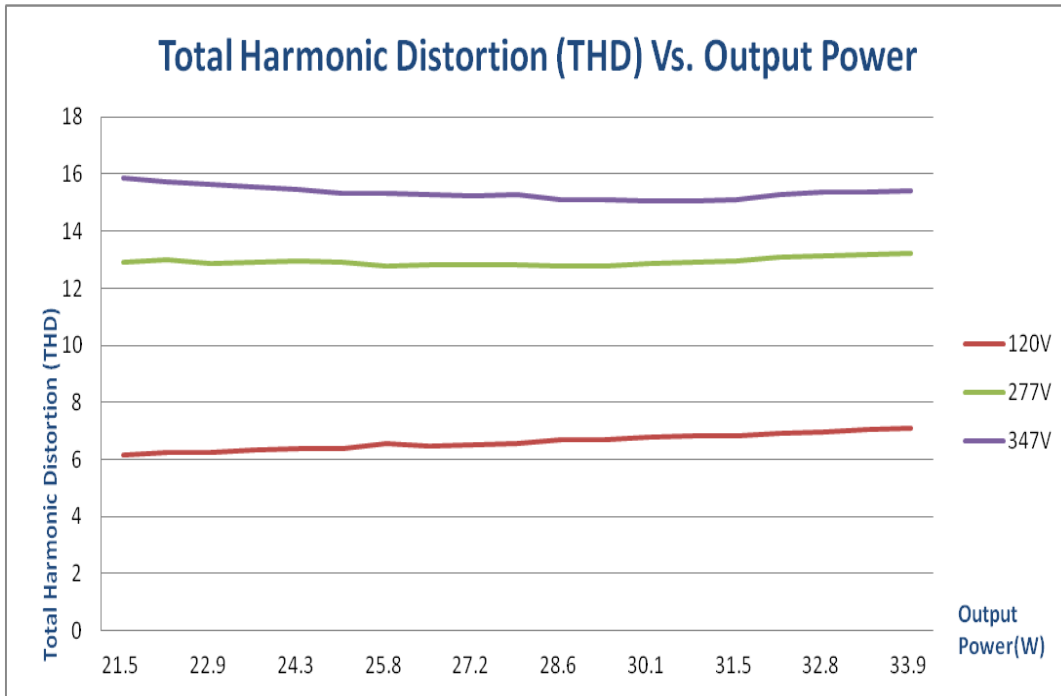
Power Factor Vs. Output Power



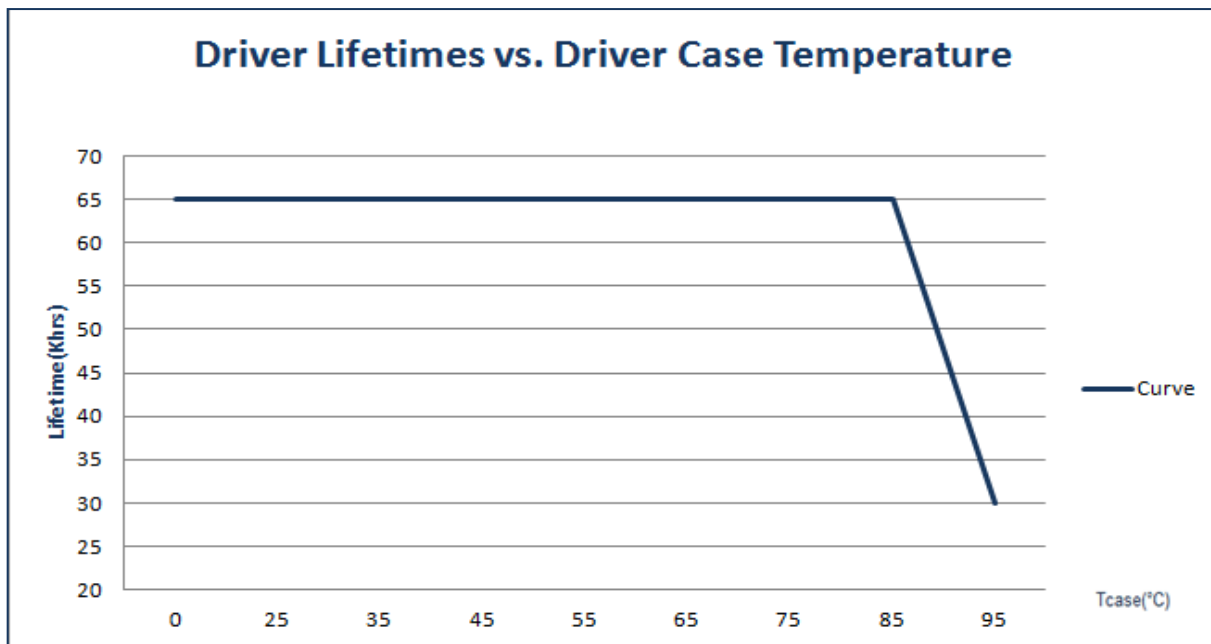
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Total Harmonic Distortion (THD) Vs. Output Power



Driver Lifetime vs. Driver Case Temperature



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