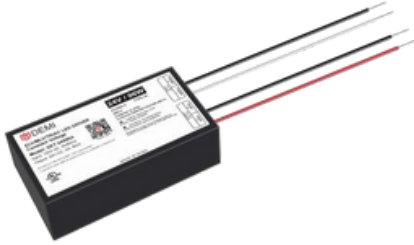


1 Product introduction



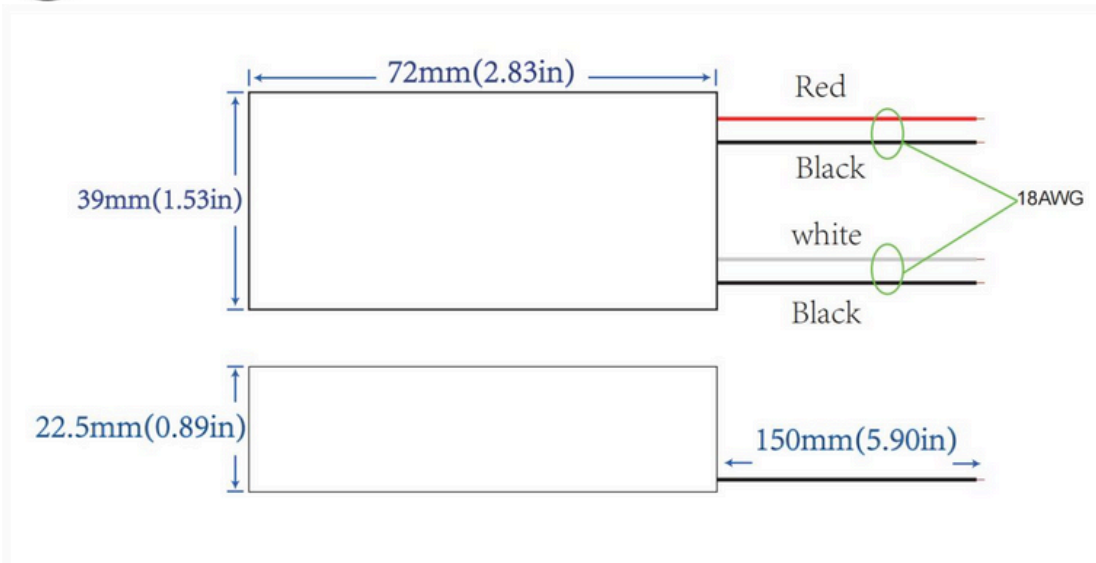
- Dimming:Triac/ELV/MLV
- ULlisted,Class2,TypeHL
- Damp and drylocation
- Dimming0-100%
- 120Vacinput
- Built in active PFC, typical power factor=0.98
- THD<20%@120V Max. load
- Constant voltage type
- Small size: 2.83x1.53x0.89 inch (L*W*H)
- Super low loading request, works perfect at 20-100% load.
- Short-circuit, over-load protection.
- aluminum housing, for dry,damp.
- Compatible with popular dimmers in the market,Lutron-CL, Diva series and so on.

2 Specification

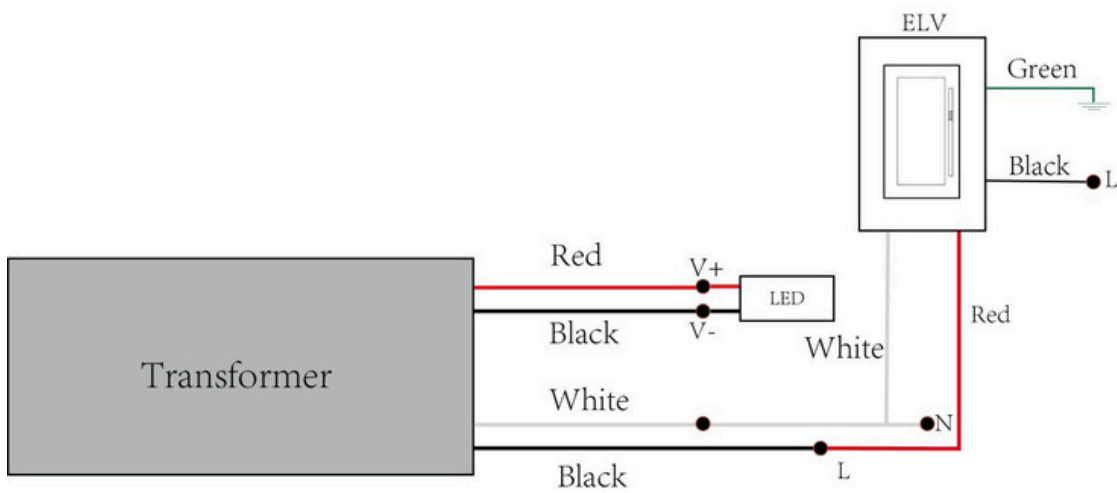
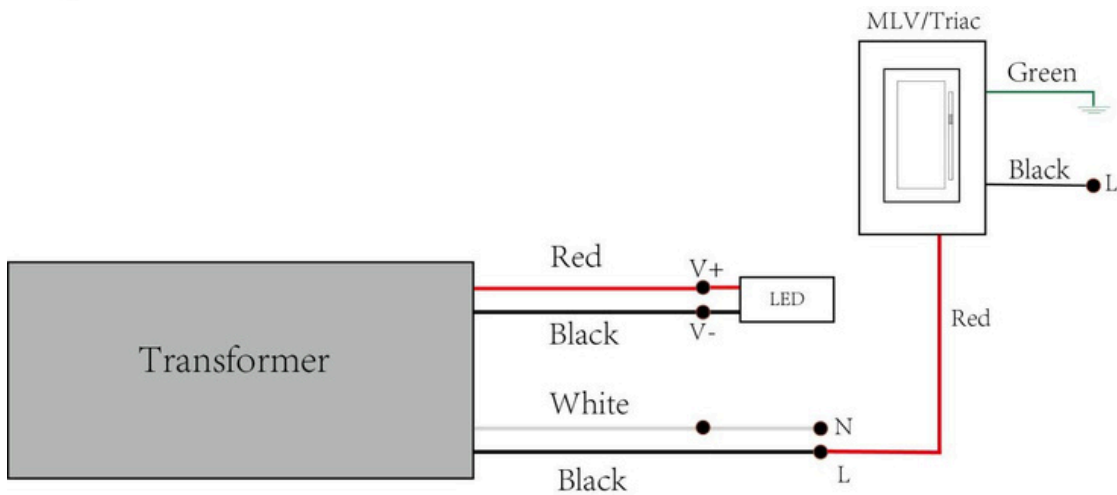
Model Number	PSCDS-96W-24V
Output Type	
Rated Power	96W
Rated Voltage	24V
Rated Current	4A
Voltage Tolerance	± 0.5V
Voltage Regulation	± 0.5%
Load Regulation	± 1%
Input Type	
Voltage Range	120V
Frequency Range	47-63HZ
Efficiency (Typ.)	88%@120VAC

Total Harmonic Distortion	THD< 20%(@100% load)
Power Factor(typ.)	0.98@120VAC
AC Current (Typ.)	0.92A
Inrush Current(Typ.)	-
Leakage Current	<0.5mA/ 120VAC
PROTECTION	
Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
Over Load	Reduce the output voltage and output power, auto-recovery or re-power on to recovery
ENVIRONMENT	
Working Temp.	Tcase=-40 ~ +60 (Please refer to“OUTPUTLOAD vs TEMPERATURE ” section)
Working humidity	20 ~ 95% RH non-condensing
Storage temp., Humidity	-40 ~ +90, 10 ~ 95% RH
Temp .coefficient	±0.03 %/ °C (0~ 50 °C)
Vibration	10~500Hz, 5G 10min./1 cycle,period for 60min. each along X,Y,Z axes
SAFETY & EMC	
Safety standards	UL8750, Class 2
Safety standards	I/P-O/P:1.88 KVAC
OTHERS	
Dimension	2.83x1.53x0.89 inch (L*W*H)
Packing	-

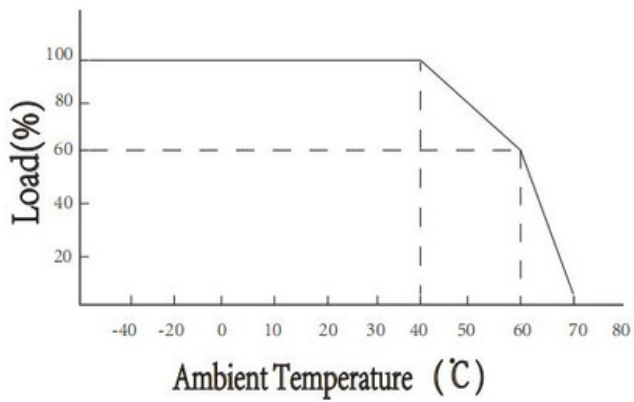
3 Mechanical Diagram



4 Wiring Diagram



5 Load vs Ambient Temperature



Instruction

This driver should be installed by qualified and professional person; Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation. Ensure that wiring is correct before test in order to avoid light and power supply damage; If the dimmable LED drivers do not work normally, contact us by email: info@axentled.com