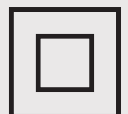




Mini Dimmable Driver 96W

The dimmable driver offers exceptional flexibility in terms of installation. Its compact size and adaptability allow for easy installation in both tight and spacious environments. Whether it's a confined area or a larger space, this driver can be conveniently integrated into various lighting setups.



SPECIFICATIONS

Dimming function:	Electronic Transformer Triac/ ELV/ MLV dimming
Dimming range:	0-100%
Certificates:	UL listed, Class 2, Class P, Type HL, SELV, RoHS
Input:	120VAC
PFC design:	Built-in active PFC function, typical power factor=0.94
THD:	THD<20%@120V Max. load
Output type:	Constant voltage
Small size:	84x40x25 mm 3.31x1.57x0.98 inch (L*W*H)
Loading:	Super low loading request, works perfect at 20-100% load
Protection:	Short-circuit, over-load protection
Compatibility:	Compatible with Lutron-CL, Diva series
Application:	LED strip/ LED tape/ LED module Residential Lighting Commercial Lighting
Warranty:	6 years warranty

OUTPUT

PWR-24V-96-30-D-MH

Rated Power	96W
Rated Voltage	24V
Rated Current	4.0A
Voltage Tolerance	±1V

INPUT

Voltage Range	120V
Frequency Range	47-63Hz
Power Factor(typ.)	0.94@120VAC
Total Harmonic Distortion	THD< 20% (at 100% load)
Efficiency (Typ.)	88% at 120VAC
AC Current (Typ.)	1.2A
Leakage Current	<0.5mA/ 120VAC

SPECIFICATIONS

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
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

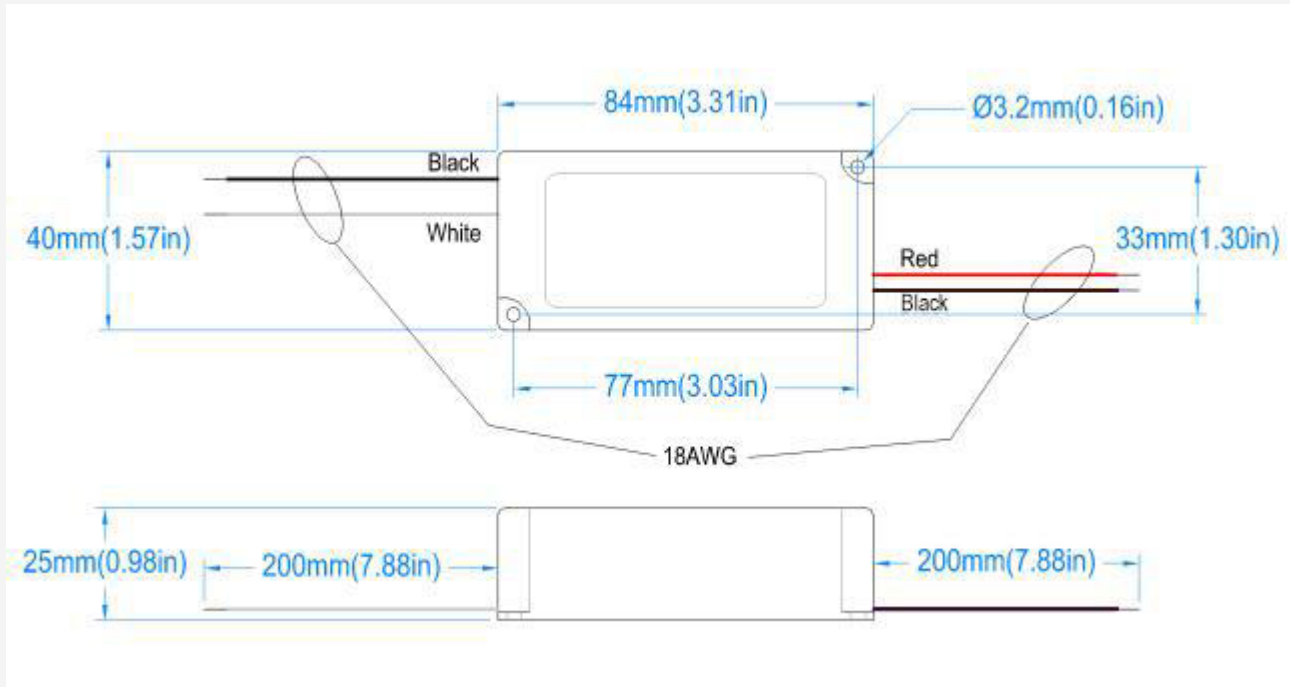
SAFETY & EMC

Safety standards	UL8750, Class 2
Withstand voltage	I/P-O/P:1.88KVAC

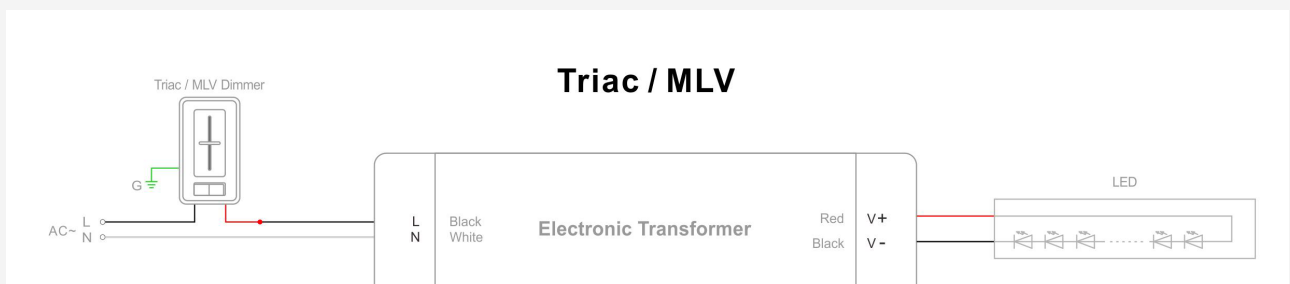
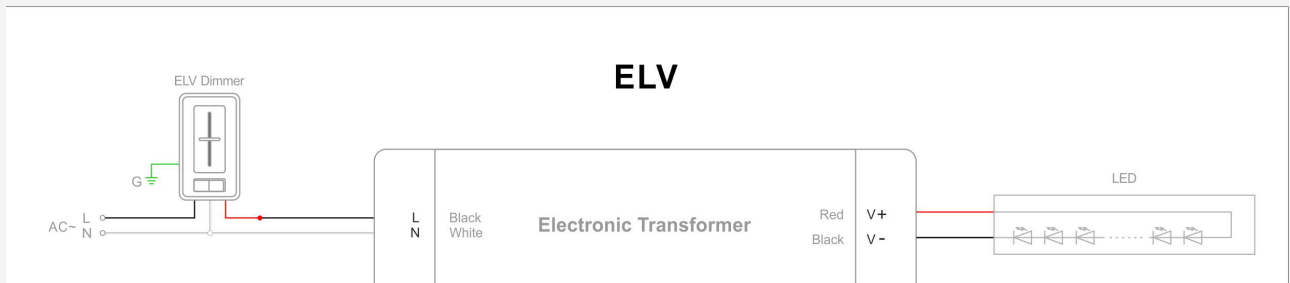
OTHERS

Weight	0.17/kg
Dimension	84x40x25 mm / 3.31x1.57x0.98 inch (L*W*H)
Packing	28*21.5*19.5 cm

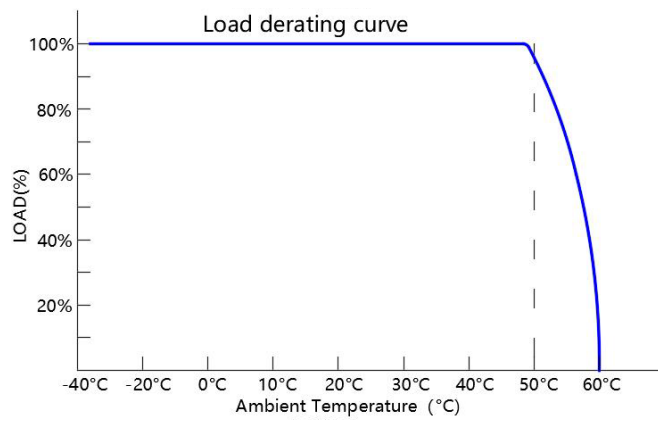
MECHANICAL SPECIFICATION



WIRING DIAGRAM



LOAD VS AMBIENT TEMPERATURE



To extend their life, please refer to the Derating Curve and derate according to the temperature.

All Electronic Transformer meet the harmonic emissions requirements of ANSI C82.77-10