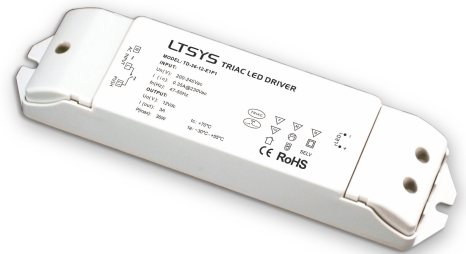


LED Intelligent Dimming Driver

36W 3A 12V DC

- Dimming interface: Triac/ELV, Push DIM.
- Apply to leading edge and trailing edge TRIAC dimmers.
- PWM digital dimming, no alter LED color temperature.
- 60000:1 wide dimming, range: 0-100%, LED start at 0.1% possible.
- Efficiency > 85%.
- Short circuit / Over-temperature / Over load protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



SELV



Main Characteristics

Dimming Interface:	Triac/ELV, Push Dim	Max. Output Power:	36W
Dimming Range:	0-100%, LED start at 0.1% possible.	Line Regulation:	±1%
Input Voltage Range:	200-240Vac ±10%	Load Regulation:	±2%
Input Current:	230Vac ≤ 0.4A	Overload Power Limitation:	0.95-1.20
Frequency:	50/60Hz	Working Temperature:	-30 ~ +55°C
Efficiency:	≥85%	Working Humidity:	20 ~ 95%RH, non-condensing
Inrush Current(typ.):	Cold start 60A at 230Vac	Storage Temp., Humidity:	-40 ~ +80°C, 10-95%RH
Leakage Current:	I/P-O/P: <0.5mA/230Vac I/P-GND: <0.75mA/230Vac	Temp. Coefficient:	±0.03%/°C(0-50°C)
Current Load:	Max. 3A	Vibration:	10-500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes
Operating Voltage:	12V DC ± 0.5V DC		

* The dimming range parameters adopted LUTRON® dimming system as testing standards. The parameters may differ by using Triac/ELV dimming systems of different brands. We can customize program for clients' high requirements.

Attn: LUTRON® is registered trademarks of Lutron Electronics Co., Inc. registered in the U.S. and other countries.

Protection

Short Circuit / Over Temperature / Over Load: Auto recovery

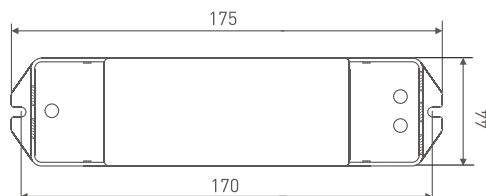
Others

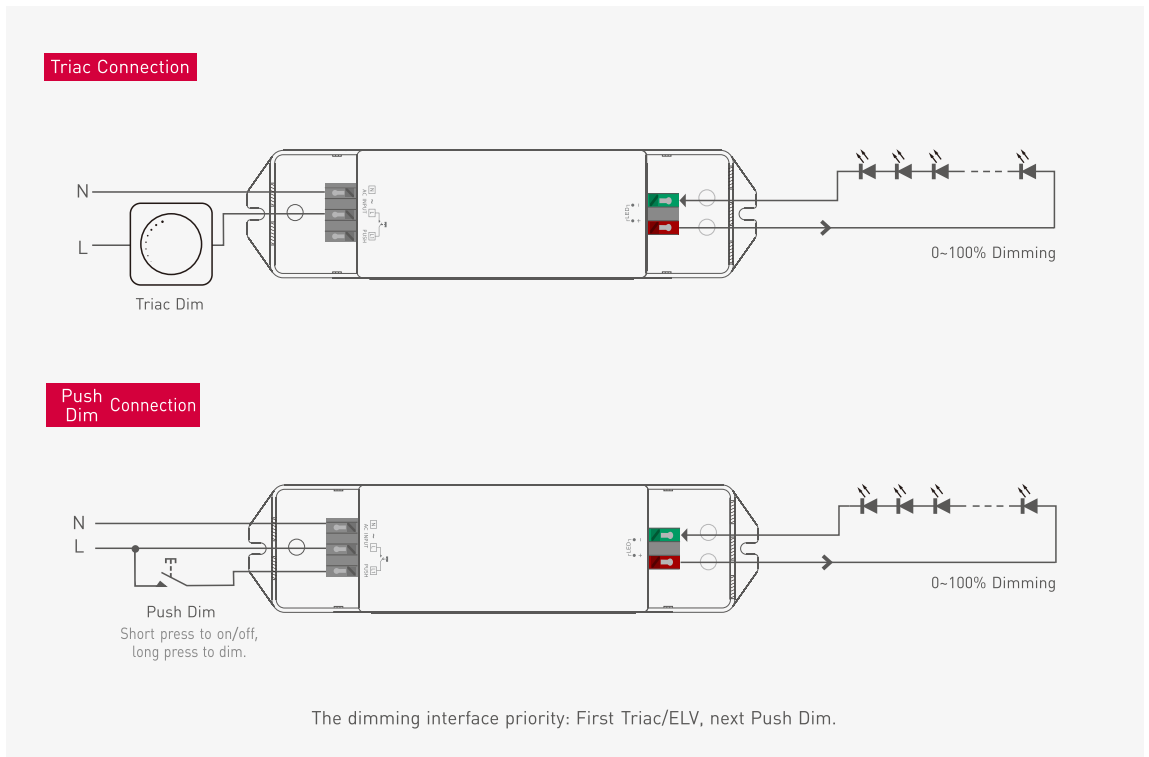
Dimension:	175×44×30mm(L×W×H)
Packing:	178×48×33mm(L×W×H)
Weight[G.W.]:	185g±10g

Safety & EMC

Withstand Voltage:	I/P-O/P: 3750Vac
Isolation Resistance:	I/P-O/P: 100MΩ/500Vdc/25°C/70%RH
Safety Specification:	IEC/EN61347-1, IEC/EN61347-2-13, EN61000-3-2 Class C, EN61000-4-2,3,4,5,6,8,11.

Dimensions





Push Dimming



Reset Switch

- On/off control: Short press.
- Stepless dimming: Long press.
- For fine tuning of light level: with every other long press, the light level goes to the opposite direction.
- Dimming memory: Brightness will be the same as previously adjusted when turning off and on again.

Attention:

- The product shall be installed and serviced by the qualified person.
- Before use, please make sure the LED driver output voltage matches with the LED lights. improper voltage will damage the LED lights or influence the luminous efficiency.
- Good heat dissipation can prolong the life of the LED driver. Please try to install the LED driver on the metal surface and use in well-ventilated environment.
- The wire size shall be big enough to load the power with solid connection to LED driver.
- If a malfunction occurs, do not repair by yourself. For any question, please contact the supplier directly.