



Security of Securi

# LED Intelligent Driver

- Dimming interface: 0-10V (1-10V/PWM/RX).
- Build-in high performance MCU, dimming curve can be customized.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Short circuit / Over-heat / Over load protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments







CE RoHS ↑ 🛣



Current Accuracy:

No Load Output Voltage:



1-10V

PWM

RX

4 in 1 dimming 0-10V



Dimmable: 0.1%-100%

1-10W 100-400mA 10-45Vdc

LTECH/5575

# **Main Characteristics**

0-10V (1-10V/PWM/RX) Dimming Interface: Input Voltage Range: 100-240Vac ±10%

Frequency: 50/60Hz

Input Current: 115Vac≤0.20A, 230Vac≤0.15A

Efficiency: >80%

Inrush Current(typ.): Cold start 20A@230Vac Leakage Current: <0.5mA/230Vac Operating Voltage: 10~45Vdc

Output Power Max. 10W

Output Current: 100mA 200mA Output Voltage : 10-45V 10-45V 10-45V Output Power: 1-/ 5W 1.5-6.75W 2-9W

250mA 10-40V 2 5-10W

Vibration:

300mA 350mA 10-33V 10-28V 3-9.9W 3 5-9 8W

≤47Vdc

±3%

0~100%, LED start at 0.1% possible. Dimming Range:

PWM Frequency:

Working Temperature.: tc: 80°C ta: -30°C ~ 55°C Working Humidity: 20 ~ 95%RH, non-condensing Storage Temp., Humidity: -40 ~ 80°C, 10~95%RH Temp. Coefficient: ±0.03%/°C[0-50°C]

10~500Hz, 2G 12min./1cycle, period

for 72min. each along X, Y, Z axes

400mA Attn: Please mark out the 10-25V current while placing orders. /-10W

### Protection

Over Load Protection:

Over-heat Protection: Shut down the output when PCB temp. ≥110°C. auto recovers when temp. back to normal.

When O/P voltage exceed its range, O/P current

declines, auto recovers when the load is reduced.

Short Circuit Protection: Shut down automatically if short circuit occurs,

auto recovers after faulty condition is removed.

## Safety & EMC

Withstand Voltage: I/P-0/P: 3750Vac;

Isolation Resistance: I/P-0/P: 100MΩ/500VDC/25°C/70%RH Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13

EMC Emission: EN55015, EN61000-3-2 Class C, IEC61000-3-3

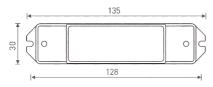
EMC Immunity: EN61000-4-2,3,4,5,6,8,11 EN61547

#### Others

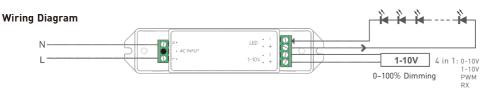
Dimension: 135×30×20mm(L×W×H) Packing: 140×34×23mm(L×W×H)

Weight(G.W.): 80g±10g

### **Dimensions**







It is recommended to use 100kΩ~150kΩdimming resistor.