



| Model | Output Current | Input Current | Input Power | Output Power Range | PF | Efficiency | Output Voltage |
|--------------|----------------|---------------|-------------|--------------------|------|------------|----------------|
| LV30W24 1-10 | 1250mA | 0.18A | 38W | 0-30W | 0.92 | 83% | 24V |

* Test result @230V, 50Hz, Full Load.

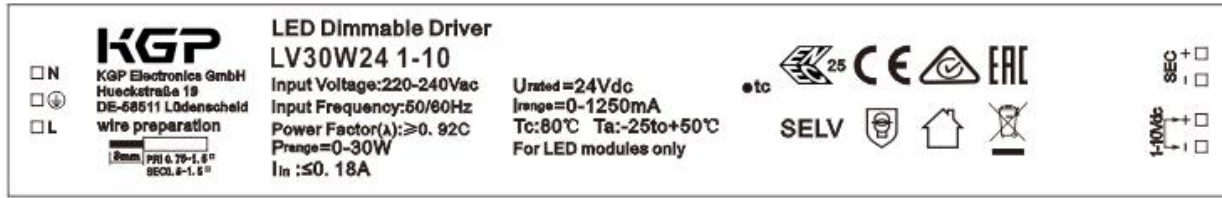
1. Parameters

| category | Item | Technical Norm |
|---------------|-----------------------------------|---|
| Features | Output Type | Constant Voltage |
| | Dimming Type | 1-10V |
| | Output Features | Isolation |
| | IP Grade | IP20 |
| | Insulation Class | Class I |
| Input | Rated Input Voltage | 220-240VAC |
| | Range of Input Voltage | 176-264VAC |
| | Range of DC Input Voltage | 170-275VDC |
| | Frequency | 50/60Hz |
| | Input Current | ≤0.18A (230VAC, full load) |
| | Input Power | ≤38W (230VAC, full load) |
| | Power Factor | ≥0.92 (230VAC, full load) |
| | THD | ≤15% (230VAC, full load) |
| | No-load Power Consumption | ≤0.5W @230VAC 50Hz (DIM to off) |
| | Inrush Current | ≤23A/320us typical (230VAC, full load) |
| | Connected quantity of 16A Breaker | 25pcs/type B ; 40pcs/type C @ 230Vac |
| Output | Output Voltage | 24VDC+/-3% |
| | No Load Voltage | 24.8VDC Max. |
| | Output PWM Frequency | 1KHz |
| | Output Current | 0 -1250mA |
| | Max. Output Power | 30W |
| | Efficiency | ≥83% (230VAC, full load) |
| | Voltage Ripple | 3% (230VAC, full load (Vmax-Vmin) / (Vmax+Vmin) |
| | Current Accuracy | N/A |
| Start up Time | ≤0.5S (230VAC, full load) | |

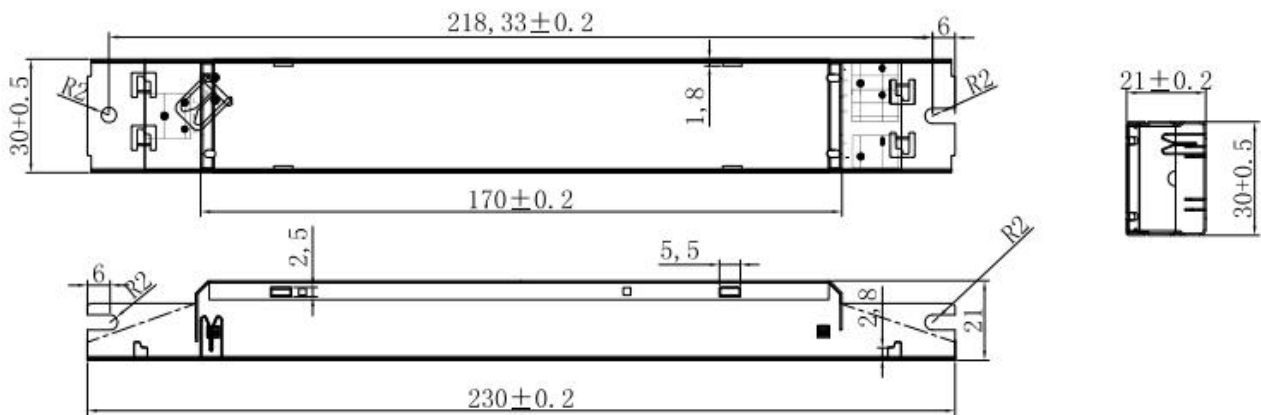
| | | |
|----------------|--------------------------|---|
| Control Method | PWM dimming | 1-10V port PWM dimming, duty cycle should be less than 99% (0.6KHz-1.2KHz) |
| | 1-10V (0-10V) dimming | 1-10V dimming (Port current 0.1mA typical for passive resistor dimmer) |
| | Dimming range | 1-10V dimming: 0%-100% |
| Protection | Short Circuit Protection | Auto Recovery |
| | Overload Protection | Auto Recovery |
| | No-load Protection | Auto Recovery |
| | Insulation voltage | 3000V 5mA 60S between P-S, 1500V 5mA 60S between P-E |
| | Insulation resistance | >100M ohm @ 500VDC |
| | Leakage current | < 250 μ A, I/P to O/P or I/P to PE @230V input |
| Environment | Ta/Operation Temperature | -25....+50°C |
| | Ts/Storage Temperature | -40....+80°C |
| | Tc/Enclosure Temperature | 80°C |
| | Humidity | 10%....90%RH |
| | Atmosphere | 86-108KPa |
| Construction | Connection Method | Push-in Terminal |
| | Installation | Build-in |
| | PRI Wire preparation | 0.75-1.5 [□] |
| | SEC Wire preparation | 0.5-1.5 [□] |
| | Dimension | 230*30*21mm (L*W*H) |
| Standards | Certification | complied to ENEC/CE/SAA |
| | Safety Standards | EN61347-1:2015, EN61347-2-13:2014/A1:2017, EN62493:2015, AS/NZS IEC61347.2.13:2013, AS/NZS 61347.1:2016 |
| | EMC Standards | EN55015:2013/A1:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN61547:2009 |
| | Performance | EN62384 |
| | Surge | L-N/1KV (L/N)-PE/2KV |
| Others | RoHS | complied to 2011/65/EU |
| | Life Time | 50000h @50°C (Ta) / 80°C (Tc) |
| | Warranty | 5years , F.R. < 10000ppm |

Remark: 1.All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C ambient temperature.
2.LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.

2. Label



3. Dimension (Unit: mm)



4. Packing information

| Carton L*W*H(mm) | Pcs/Carton | Net weight/ Pcs(kg) | Net weight/ Carton(kg) | Gross weight / Carton(kg) |
|---------------------|------------|------------------------|---------------------------|------------------------------|
| 410*270*190 | 60 | 0.17 | 10.2 | 10.76 |

5. Wiring Diagram

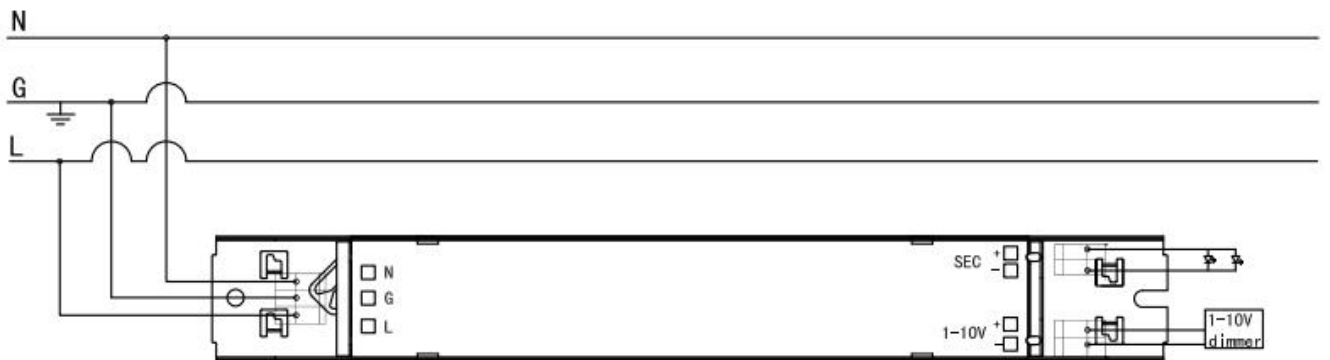


Fig. A: LV30W24 1-10