



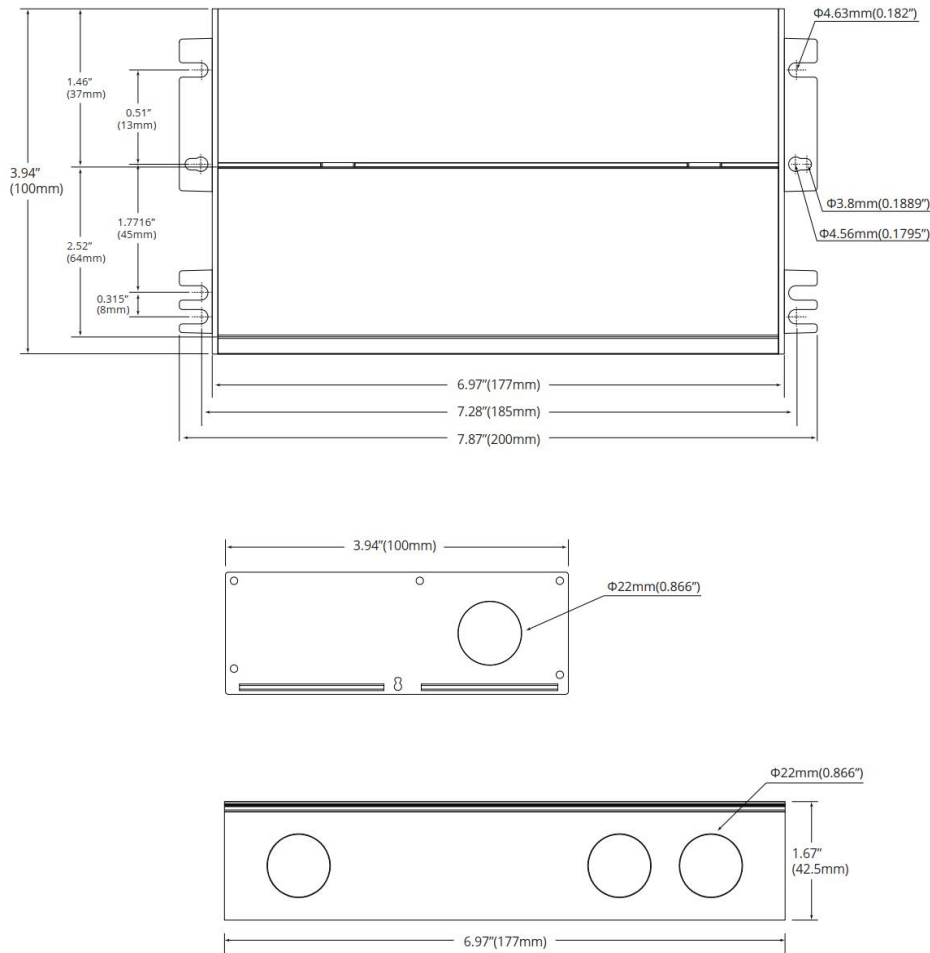
- UL/cUL Listed, Class 2, Class P rated
- Dimmable to 0.1%, Flicker Free
- Latest isolation scheme of dimming signal and main output
- High efficiency, high power factor, high stability
- Short circuit, over voltage/current/temperature protection
- Multiple dimming modes Triac ELV/MLV/RX/0-10V/1-10V/10V PWM
- Compatible with most dimming control systems in the market
- Dimming output with high frequency PWM signal
- Suitable for Dry, Damp and Wet locations

| Model        |                                    | JLAC-CV030-24                                                             |
|--------------|------------------------------------|---------------------------------------------------------------------------|
| Input        | Voltage Range                      | 120-277V                                                                  |
|              | Frequency                          | 50/60hz                                                                   |
|              | Power Factor                       | 0.95                                                                      |
|              | Efficiency                         | 85%                                                                       |
|              | Input Current                      | 0.5A/110VAC                                                               |
|              | Inrush Current                     | 20A, 50%, 1.6ms @120Vac                                                   |
|              | Leakage Current                    | <0.75mA                                                                   |
| Output       | Rated Voltage                      | 24V                                                                       |
|              | Voltage Range                      | 18-25Vdc                                                                  |
|              | Output Current                     | 1.25A Max                                                                 |
|              | Ripple & Noise                     | ≦ 600mV                                                                   |
|              | Rated Power                        | 30W                                                                       |
|              | PWM Frequency                      | 20Khz                                                                     |
| Protection   | Over Voltage                       | Shut down the output when non-load voltage>28 V,and recover automatically |
|              | Over Temp.                         | 100°C±10°C shut down voltage automatically recover atfer cooling          |
|              | Short Circuit                      | Hiccup Mode, recover automatically                                        |
| Environment  | Operating Temp.                    | -30~+60°C/20~95%                                                          |
|              | Storage Temp.                      | -40~+80°C/10~95%                                                          |
| Safety & EMC | Certificate                        | UL 8750,CSA C22.2 NO.250.13                                               |
|              | Dielectric Strength (Hi-Pot)       | 1.88KVAC                                                                  |
|              | Insulation Resistance              | 100MΩ/500VDC/25°C/70%RH                                                   |
|              | EMS Immunity                       | IEC6100-4-5(L-N:1KV)                                                      |
|              | Life Time                          | 50,000 hours at Tc ≤ 80°C maximum case hot spot temperature               |
|              | Minimum load available for Dimming | 5% (Use DVCL-153P)                                                        |
|              | EM Interference                    | EN55015, EN61000-3-2                                                      |
|              | EM Susceptibility                  | EN61000-4-2.3.4.5.6.8.11. EN61547                                         |
| Enclosure    | Dimension                          | 200*100*42.5mm                                                            |
|              | Net Weight                         | 0.75kg                                                                    |

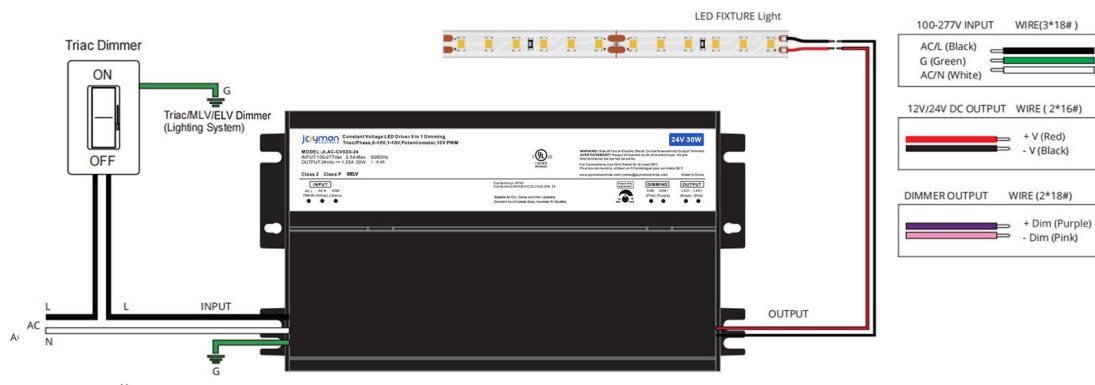
#### Notes:

1. Tested environment temperature: 25°C
2. The LED driver is considered a component to be installed in a light fixture. The fixture should be re-verified to ensure it meets EMC directives.
3. Be careful of ambient temperature and heat dissipation during the use this product. When temp. exceeds TA, the driver shall be derated.

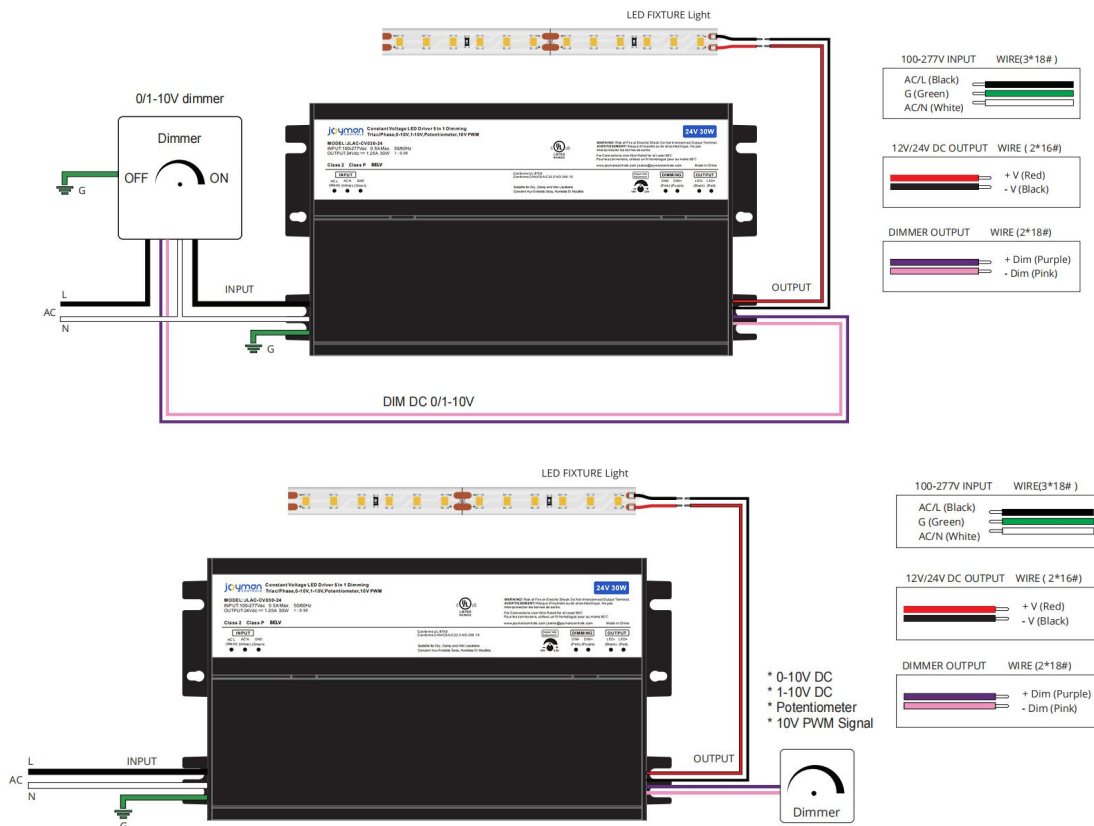
## Product Diagram



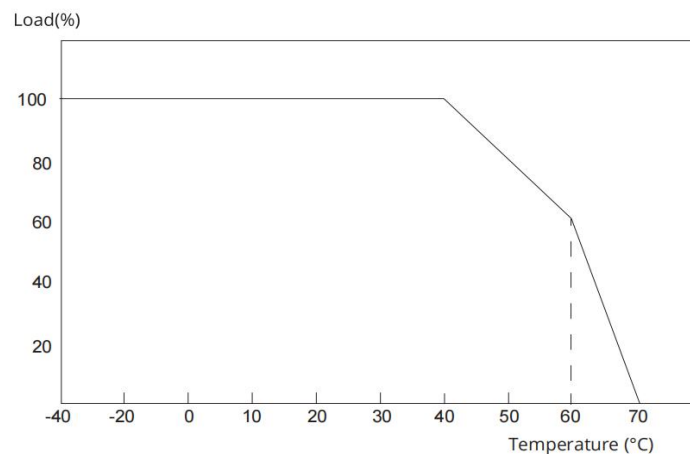
## Wiring Diagram



## Wiring Diagram



## Derating Curve



- Notes:
1. All the parameters not specially mentioned are measured at 120VAC input, rated load and ambient temperature of 25°C.
  2. Please pay attention to the direction of wiring, do not reverse the input and output terminals.
  3. The driver should be installed by a certified electrician.
  4. Please ensure the driver is installed in an area with adequate ventilation to facilitate heat dissipation.
  5. Please contact us directly if you have any questions. Do not repair privately.