



ECO Lighting Technology and Solutions



## LED Driver

Model No. MJ-24100 (5D)



**UL**<sup>®</sup> **IP67** **CE** **RoHS**  
E308859

## Features

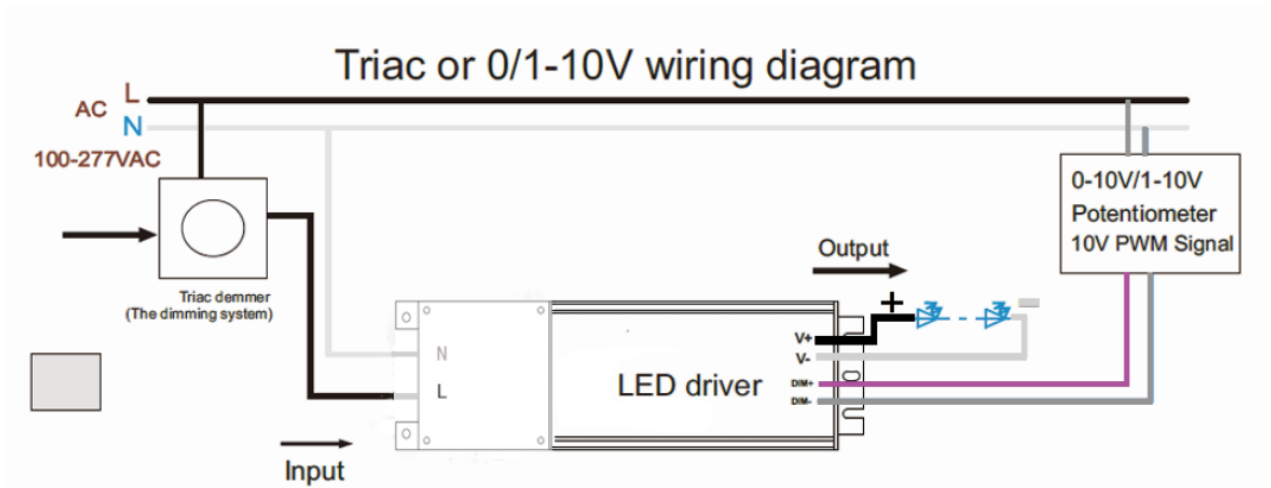
- IP67 design for indoor or outdoor installations
- Protections: Short circuit / Overload/Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- IP67 waterproof
- Meet the standard of world lighting safety
- Suitable for LED lighting
- Certification: UL
- Dimmable: Triac, ELV, MLV, 0-10V, PWM dimming
- Warranty: 5 years

| MODEL        |  | MJ-24100 (5D)   |  |  |  |  |
|--------------|--|---|--|--|--|--|
| OUTPUT       | DC VOLTAGE   | 24V   |  |  |  |  |
|              | RATED CURRENT  | 4.17A   |  |  |  |  |
|              | CURRENT RANGE  | 0~4.17A   |  |  |  |  |
|              | RATED POWER  | 100W  |  |  |  |  |
|              | RIPPLE & NOISE (max.) <sup>NOTE 2</sup>  | 250mV   |  |  |  |  |
|              | VOLTAGE TOLERANCE <sup>NOTE 3</sup>  | ±2%   |  |  |  |  |
|              | LINEAR REGULATION  | ±1%   |  |  |  |  |
|              | LOAD REGULATION  | ±2%   |  |  |  |  |
| INPUT        | VOLTAGE RANGE  | 100-277VAC  |  |  |  |  |
|              | FREQUENCY RANGE  | 50 ~ 60Hz   |  |  |  |  |
|              |  |   |  |  |  |  |
|              | EFFICIENCY (Typ.)  | 90%   |  |  |  |  |
|              | AC CURRENT (Typ.)  | 1.2A/110VAC   |  |  |  |  |
|              | Dimmable   | Triac,ELV,MLV,0-10V,PWM dimming   |  |  |  |  |
| PROTECTION   | Short circuit  | Protection type : recovers automatically after fault condition is removed |  |  |  |  |
|              | Overload   | overload protected @ 115-140% above peak rating                           |  |  |  |  |
|              | Over temperature   | Protection type : Shut down o/p voltage, re-power on to recover           |  |  |  |  |
| ENVIRONMENT  | WORKING TEMP.  | -30 ~ +50°C (Refer to output load derating curve)                         |  |  |  |  |
|              | WORKING HUMIDITY   | 20 ~ 99% RH non-condensing(Waterproof)                                    |  |  |  |  |
|              | STORAGE TEMP., HUMIDITY  | -40 ~ +80°C , 10 ~ 99% RH   |  |  |  |  |
| SAFETY & EMC | SAFETY STANDARDS   | UL  |  |  |  |  |
|              | WITHSTAND VOLTAGE  | I/P-O/P: 1.5KVAC I/P-GND:1.5KVAC  |  |  |  |  |
|              | EMC Test Standards   | EN55015: 2013;EN61547: 2009;<br>EN61000-3-2:2014; EN61000-3-3:2013        |  |  |  |  |
| NOTE         | <p>1. All parameters NOT specially mentioned are measured at 110VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 10uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> |   |  |  |  |  |



|                 |                  |
|-----------------|------------------|
| DIMENSION       | 7.28*2.5*1.42"   |
| CARTON QUANTITY | 15PCS/Carton     |
| CARTON SIZE     | 15.8*10.55*6.22" |
| WEIGHT          | 9Kg/G.W          |

## Installation



## Mechanical Specification

