

## LCP150M-2W24V (Product No.:101200050201)

### Product Feature

- Dual channels constant voltage output,24VDC output
- Support DMX512 dimming signal
- Dimming range from 0.5-100%
- Wide range voltage Input 120-277VAC
- High efficiency: up to 90%
- High PF:>0.95
- Dimming effect smooth, no flicker
- Output short circuit protection , Over load protection,Over voltage protection

### Application

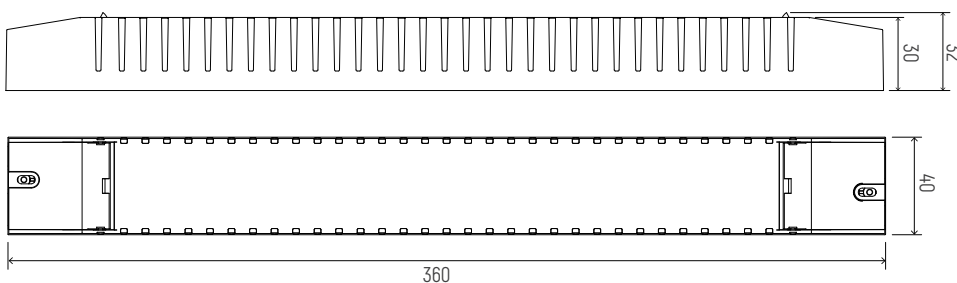
For LED constant voltage strip light only



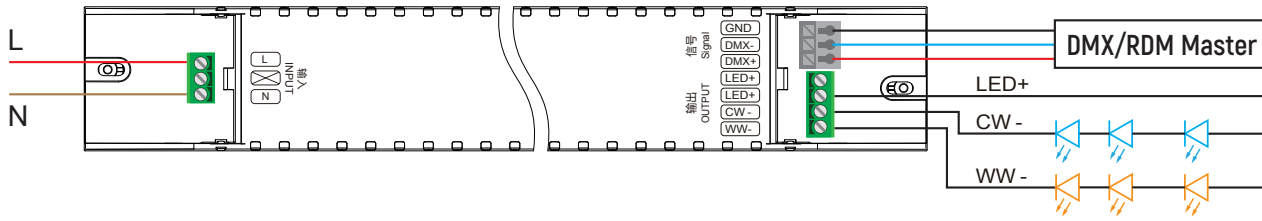
### Technical Parameters

| Model      | LCP150M-2W24V           |  |
|------------|-------------------------|--|
| Input      | Efficiency              | 90%@220VAC, Full load  |
|            | Voltage                 | 120VAC-277VAC  |
|            | Frequency               | 50/60Hz  |
|            | Power Factor            | 0.98@230VAC, Full load   |
|            | Current                 | 0.75Amax@220VAC, Full load   |
|            | THD                     | <10%@220VAC, Full load   |
|            | Inrush Current          | Cold start, 40A@220VAC   |
| Output     | Current/Voltage/Power   | 6.25A/24VDC/150W   |
|            | No load output voltage  | 24VDC±5%   |
|            | Channel                 | 2  |
|            | Voltage Tolerance       | ±5%  |
|            | Turn On Delay Time      | <0.75s, (at 230V, 50 Hz, full load)  |
| Function   | Dimming Mode            | DMX  |
|            | Dimming range           | 0.5%-100%  |
| Protection | Short Circuit           | Close output, recovers automatically after fault removed                               |
|            | Over load               | the output current decreases, Hiccup Protection  |
|            | Over voltage            | the output current decreases, Hiccup Protection  |
| Safety&EMC | Surge                   | L-N:2KV  |
|            | Withstand Voltage       | I/P-O/P: 3000VAC/1min/5mA  |
|            | Safety standards        | EN61347, GB19510   |
| Others     | Working Temp.           | -20°C-50°C   |
|            | Storage Temp.; Humidity | -40°C-85°C, 20-90%RH   |
|            | Tc                      | 90°C   |
|            | Material                | PC   |
|            | IP Rating               | IP20   |
|            | Lifetime                | 50,000h@tc:90°C  |
|            | Warranty Condition      | 5 years  |
|            | Switch Cycle            | >25,000 times  |
|            | Packing Size            | Net weight: 730g±5%/PCS; 25PCS/Carton;19kg±5%/Carton; Carton Size:377*241*196mm(L*W*H) |
|            | Dimension               | 360*40*32mm (L*W*H)  |

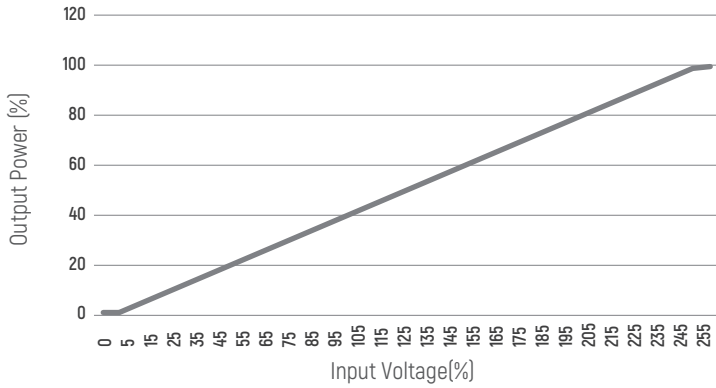
### Dimension(mm)



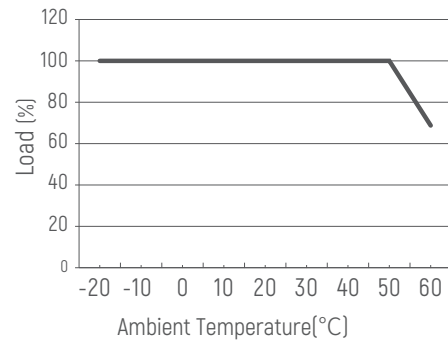
### Wiring Diagram



### Dimming Curve

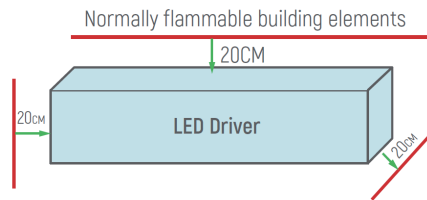


### Derating Curve



### Cautions

- 1.The product shall be installed and serviced by a qualified person.
- 2.This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4.Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
- 5.Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 6.For safety consideration, PVC or rubber cord of 0.75-1.5mm<sup>2</sup> is recommended for input and output terminal(s) . Flat power cord is not suitable. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 7.If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.
- 8.No insulation between dimming circuit and LV circuit



※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions .