

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

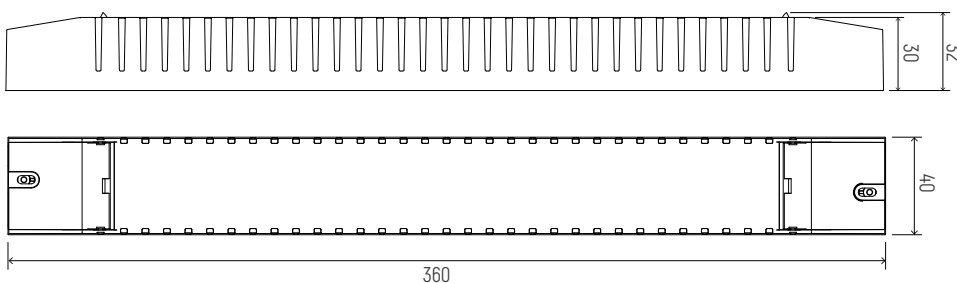
For LED constant voltage strip light only



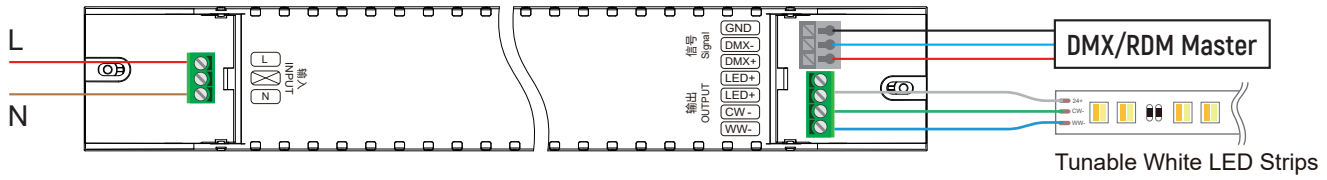
Technical Parameters

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)

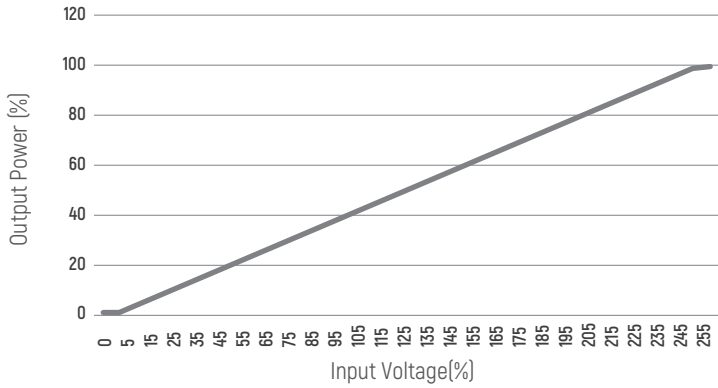
Dimension(mm)



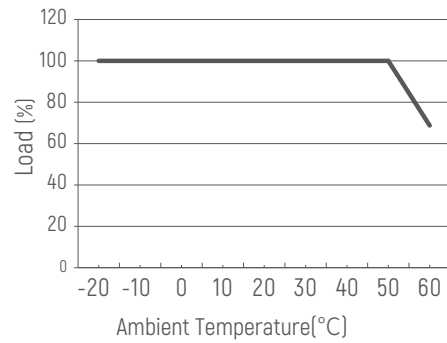
Wiring Diagram



Dimming Curve

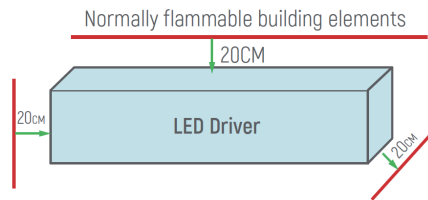


Derating Curve



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 0.75-1.5mm² 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 .