

5 in 1 Dimmable LED Driver



www.splendorindustry.com

E:info@splendorindustry.com

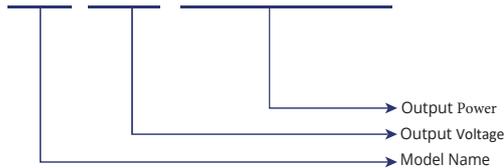
Phone: 905-597-8662

MO-24-96X4-5D 384W

Feature

- UL, cUL listed, Class 2 unit, Type HL rated.
- Universal AC input: 120-277VAC
- Built-in active PFC function, PF:up to 0.95
- Load: 10-100%
- Protection: short circuit/over loading/ Over temperature
- Full protection aluminium case, for dry, damp, wet location
- Flicker-free
- Triac/0-10V/1-10V/10V PWM/Potentiometer dimming
- Dimming range:0.1-100%
- Fine tuning of output voltage.
- Installation:Flat mounting,Vertical mounting.

MO-24V-96X4-384W



Class 2



Technical Specs

	MO-24-96X4-5D 384W	MO-48-96X4-5D 384W
OUTPUT		
Output Voltage	24Vdc	48Vdc
Output Voltage Range	48Vdc±0.5Vdc	48Vdc±0.5Vdc
Output Current	4x4A Max	4x2A Max
Output Power	384W	
Output Ripple & Noise	≤600mV	
INPUT		
Input Voltage Range	120Vac-277Vac	
Input Frequency Range	50-60HZ	
Input Current	3.9A@110VAC	
Surge Current (cold start)	20A, 50%, 1.6ms @120Vac / 25A, 50%, 1.4ms @277Vac	
Power Efficiency	85% @220Vac	
PF	0.95	
Leakage Current	<0.75mA	
PROTECTION		
Short-Circuit Protection	Hiccup Mode,and recover automatically	
Over-Voltage Protection	Shut down the output when non-load voltage≥28V, and recover automatically	Shut down the output when non-load voltage≥60V, and recover automatically
Over Temperature	100°C±10°C shut down voltage automatically recover atfer cooling	
ENVIRONMENT		
Working Temperature	-40°C~+60°C	
Working Humidity	20%~90%RH	
Approved Enviroments Location	Suitable for Dry, Damp and Wet locations	
Storage Temperature	-40°C~+80°C	
Storage Humidity	10%~95%RH	
Vibration	10-500Hz, 1.0mm, 15 minutes(for X、Y、Z each axis)	
Tcase	+90°C	

5 in 1 Dimmable LED Driver



www.splendorindustry.com

info@splendorindustry.com

Phone: 905-597-8662

SAFETY&EMC		
Safety Standard		UL8750
Dielectric Strength (Hi-Pot)	I/P-O/P	1.88KVAC
	I/P-Case	1.88KVAC
Insulation Resistance		100MΩ/500VDC/25°C/70%RH
Grounding Resistance		≤0.5Ω
OTHERS		
MTBF		50Khrs. MIL-HDBK-217F(25°C)
DIMMER COMPATIBILITY		MLV/Triac Dimmer LUTRON(DVLV-600P, DVCL-153P, PD-5NE, MAELV-600, DELV-300P, PD-6WCL, DSL06, PH703TPU)
Minimum load available for Dimming (Use DVCL-153P)		5%
Dimensions		289*132*46mm / 11.38"x5.19x1.81"(L*W*H)
Weight		2kg
Outer Box Specifications		430*328*170mm / 16.93"x12.9"x6.69" (L*W*H) 9pcs/ctn
		Total 3 layer, each layer 3 pcs / G.W21.5kg/N.W20(1+10%)kg

Remarks:

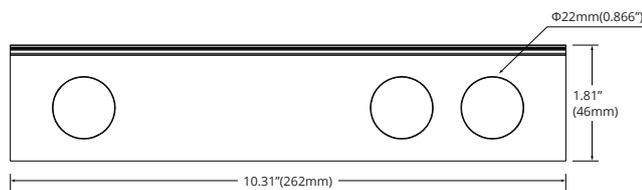
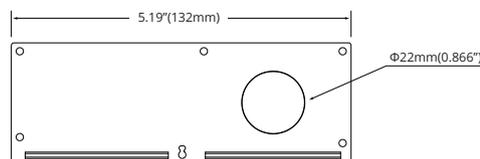
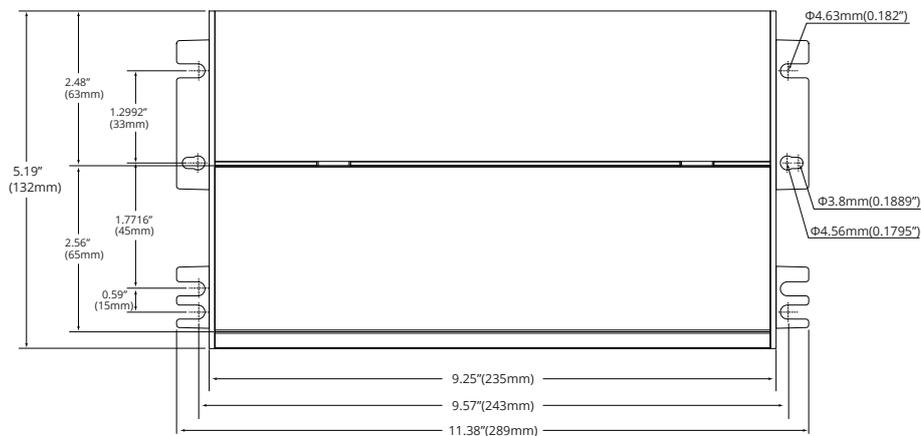
Test environment temperature : 25 ± 2°C;

Ripple and noise measurement methods: terminal to parallel 47uF electrolytic capacity and 0.1uF ceramic capacity, in 20 MHZ Bandwidth measurement.

"The driver is suitable for connecting resistor current-limiting LED fixture (e.g. LED strip). The inrush current will be dozens of times increased if connecting built-in constant current IC current-limiting LED fixtures, the driver will activate the overloaded protection (hiccup flickering)."

Profile Drawing

Unit:inch&mm



5 in 1 Dimmable LED Driver



www.splendorindustry.com

info@splendorindustry.com

Phone: 905-597-8662

Wiring Diagram

