

PUP40-1WMC-850

Summary

PUP40-1WMC-850 is a constant current output mode LED driver. The output current can be easily set through DIP dip switches, and the output is flicker free.



Product Features

- Single channel output, output current level selectable by DIP S.W.
- Input voltage of 100VAC~240VAC
- Protections: Short circuit, Over load, Over voltage
- Suitable for indoor LED lighting application



Application



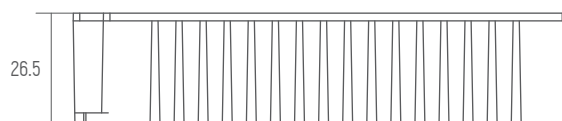
DownlightPanel LightSpotlightCeiling LightDecorative LightFloor LightTrack LightFlood Light

Technical Paramaters

Model	PUP40-1WMC-850				
Input	Voltage	100VAC-240VAC			
	Frequency	50/60Hz			
	Efficiency	>87%@230VAC, Full load			
	PF	0.95@230VAC, Full load			
	THD[full load]	<10%@230VAC, Full load			
	Current	0.6Amax@100VAC			
	Inrush Current	Cold start,30A@230VAC			
	Standby Power	<1W			
Output	Current/Voltage/Power	500mA/9-48V/24W 550mA/9-48V/26.5W	600mA/9-48V/28.8W 650mA/9-48V/31.2W	700mA/9-48V/33.6W 750mA/9-48V/36W	800mA/9-48V/38.4W 850mA/9-47V/39.95W
	Channel	1			
	No load output voltage	60V Max			
	Frequency	1KHz Min PWM			
	Current Accuracy	±5%			
	LF current ripple(<120Hz)	<3%			
Protection	Over Voltage	Hiccup, recovers after fault condition is removed			
	Over load	Hiccup, recovers after fault condition is removed			
	Short circuit	Close output, recovers automatically after fault removed			
Safety & EMC	Surge	L-N:1KV			
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA; I/P-Gnd: 1500VAC/1min/5mA; O/P-Gnd: 500VAC/1min/5m			
	Safety standards	UL8750/UL1310/CSA25013,CSA class P			
	EMI Eission	EN55015,EN61000-3-2 Class C,IEC61000-3-3			
	EMC Immunity	FCC class B(120V)/class A(277V)			
Others	Dimension	121*44*26.5mm(L*W*H)			
	Pack Information	Net weight: 156g±5%/PCS; 50PCS/Carton; 8.3kg±5%/Carton; Carton Size: 286x239x194mm(L*W*H)			
	IP rating	IP20			
	Working temp.	-20°C~50°C			
	tc	90°C			
	Relative humidity	20~90% RH			
	Lifetime	50,000h@tc:85°C			
	Material	PC			
	Switch cycle	>25,000 times			

Remark: Use only within an enclosure

Technical drawing of the front view of a rectangular box. The overall width is 121 and the overall height is 44. The inner width is 113.8 and the inner height is 36.8. A hole with a diameter of $\phi 3.2$ is located on the right side. A dimension of 3.2 is also indicated at the bottom left corner.

[illegible]

Cautions

- 1.This product should be installed by qualified personnel.
- 2.This product is non waterproof, need to avoid sun and rain.In case of outdoor use, please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation conditions extend product life.Please install the product in a well-ventilated environment.
- 4.Please make sure LED power supply output voltage, current is used to meet the product requirements.
- 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.Due to safety concerns, PVC or rubber cord of 0.75-2.5mm² is recommended for input and output terminal(s) [excluding signal terminals]. 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.In case of malfunction, do not repair it yourself.