

PUP10-1WMC-700

Summary

PUP10-1WMC-700 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

CE

SELV

Application

Downlight

Panel Light

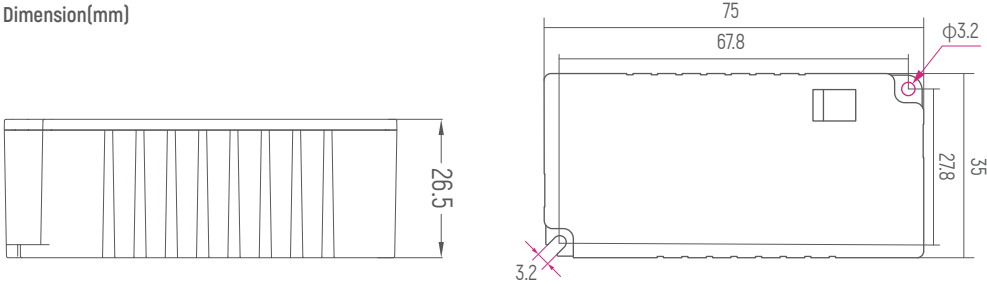
Spotlight

Technical Paramaters

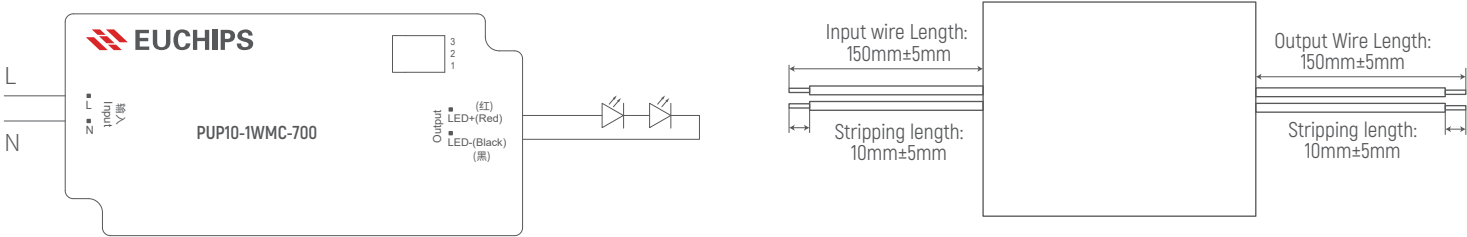
Model	PUP10-1WMC-700			
Input	Efficiency	76%@230VAC, Full load		
	Frequency	50/60Hz		
	Voltage	100VAC-240VAC		
	PF	0.94@230VAC, Full load		
	THD(full load)	<15%@230VAC, Full load		
	Current	0.15Amax@100VAC		
	Inrush Current	Cold start,30A@230VAC		
	Standby Power	<1W		
Output	Current/Voltage/Power	350mA/2-21V/7.35W 400mA/2-21V/8.4W	450mA/2-21V/9.45W 500mA/2-20V/10W	550mA/2-18V/9.9W 600mA/2-16V/9.6W
	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	75*35*26.5mm(L*W*H)		
	Pack Information	N.W: 96g±5%/PCS; 100PCS/Carton; 10.1kg±5%/Carton; Carton Size: 398x210x208mm(L*W*H)		
	G.W	120g		
	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

Dimension(mm)



Wring Diagram



Current Selection Table

Output current level selectable by DIP S.W., as the following:

ON	OFF	1	2	3	4	5	6	7	8	9	10
		350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA		
		2-21V	2-21V	2-21V	2-20V	2-18V	2-16V	2-15V	2-14V		

Remark: Function default setting is: 350mA (@switch are all OFF state)

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.