

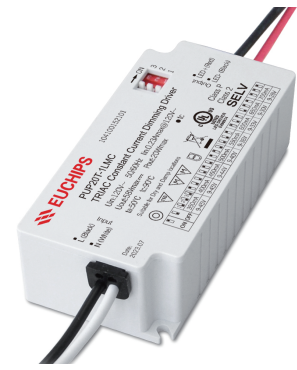
PUP20T-1LMC

Summary

PUP20T-1LMC is a constant current output mode LED driver. The output current can be easily set via DIP switch. The driver supports leading edge (Triac) and trailing edge (ELV) dimmer, achieve a smooth dimming effect.

Product Features

- Single channel output, output current level selectable by DIP S.W.
- Support Leading edge (Triac) and Trailing edge (ELV) dimmer
- Built-in active PFC function
- Class II power supply. Full protective plastic housing
- Dimming effect smooth, flicker free
- Protections: Short circuit, over load, over voltage
- Suitable for indoor LED lighting application, such as down light, spotlights, panel light, and so on



Class p
Class 2
SELV

Application



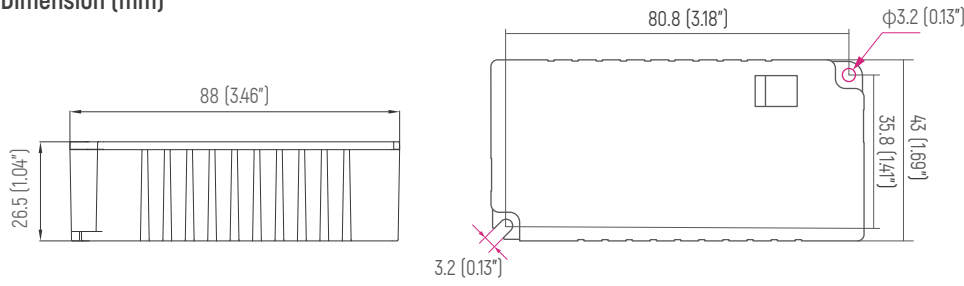
Ceiling Light Decorative Light Floor Light Track Light Panel Light Spotlight Downlight Flood Light

Technical Parameters

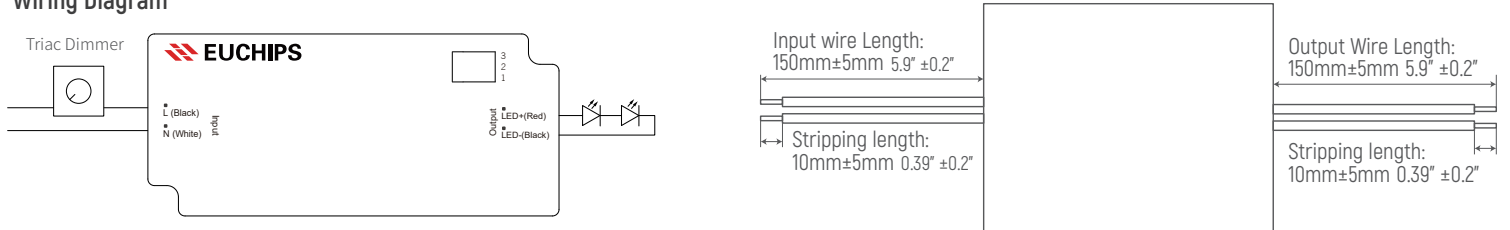
Model		PUP20T-1LMC			
Input	Efficiency	79%@120VAC, Full load			
	Voltage	120-277VAC			
	Frequency	50/60Hz			
	PF	0.92@120VAC, Full load			
	Current	0.23Amax@120VAC			
	THD(Full load)	<20%@120VAC, Full load			
	Inrush Current	Cold start,10A@120VAC			
	Standby Power	<2.5W			
Output	Current/Voltage/Power	350mA/9-45V/15.7W 400mA/9-45V/18W	450mA/9-44V/19.8W 500mA/9-40V/20W	550mA/9-36V/19.8W 600mA/9-33V/19.8W	650mA/9-30.7V/20W 700mA/9-28.5V/20W
	Channel	1			
	No load output voltage	58V Max			
	Frequency	4KHz PWM			
	Current Accuracy	±5%			
	LF current ripple(<120 Hz)	<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:0.5kV;			
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA			
	Safety standards	UL8750/UL1310			
	EMI Eission	FCC PART 18			
Function	EMC Immunity	FCC class B(120V)			
	Dimming type	TRIAC/ELV			
Others	Dimming range	3%-100%			
	Working temp.	-20°C -50°C [-4°F -122°F]			
	Storage Temp., Humidity	-40°C -85°C, 20-90%RH			
	tc	90°C (194°F)			
	Material	PC			
	IP rating	IP20			
	Lifetime	50,000h@tc:85°C(185°F)			
	Warranty Condition	5 years			
	Switch cycle	>25,000 tims			
	Pack Information	Net weight: 105g (0.23 lb)±5%/PCS; 50PCS/Cartron; 5.75kg(12.67 lb)±5%/Cartron; Carton Size: 234x222x194mm(9.2*8.74*7.63 Inch)[L*W*H]			
Dimension	88*43*26.5mm (3.46*1.69*1.04 Inch)[L*W*H]				

Remark: Use only within an enclosure

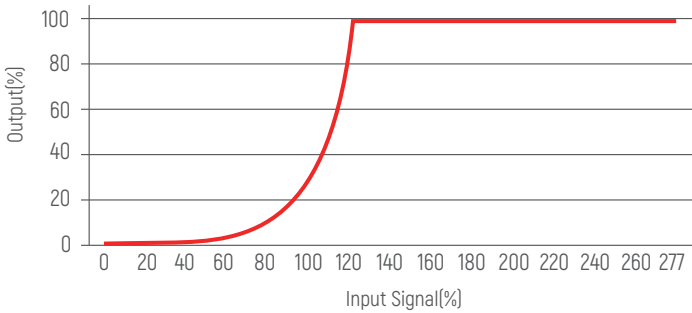
Dimension (mm)



Wiring Diagram



Dimming Curve



Current Selection Table

PUP20T-1LMC is a multi-current dimming driver, output current level selectable by DIP S.W., as the following:

ON	OFF	1	2	3	4	5	6	7	8	9
		350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	
		9-45V	9-45V	9-44V	9-40V	9-36V	9-33V	9-30.7V	9-28.5V	

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

Type HL • Class P • Output type-CC
Dry and Damp location • Class 2
Ground enclosure in installation
For Connections Use Wire Rated for at Least 90 °C (194°F)
Wired control Circuits Isolated, Use only within an enclosure
More than one power supply present

Caution/prudence

Keep away from heat flammable materials
Install properly for better heat dissipation
Please do not touch during operation
Tenir à l'écart des matériaux inflammables sous forme de chaleur
Installer correctement pour une meilleure dissipation de la chaleur
S'il vous plaît ne pas toucher pendant le fonctionnement

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.

※ 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 .