PUP40T-1LMC-1200

Summary

PUP40T-1LMC-1200 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

c UL us LISTED LED DRIVER E490914

Class p
Class 2
SELV

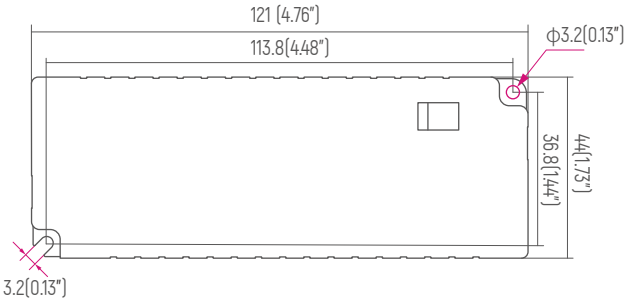
Application

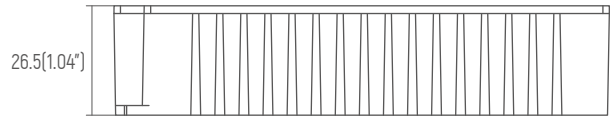
Technical Paramaters

Model	PUP40T-1LMC-1200	
Input	Efficiency	>83%@120VAC,Full load
	Voltage	120-277VAC
	Frequency Range(Hz)	50/60Hz
	Power Factor	≥0.95@120VAC,Full load
	THD(full load)	<10%@120VAC, Full load
	AC Current(max)	0.6Amax@120VAC
	Inrush Current(max)	Cold start,30A@120VAC
Output	Current/Voltage/Power	850mA/9-42VDC/35.7W 900mA/9-42VDC/37.8W 950mA/9-42VDC/39.99W 1000mA/9-40VDC/40W 1050mA/9-38VDC/39.9W 1100mA/9-36VDC/39.6W 1150mA/9-34VDC/39.1W 1200mA/9-33VDC/39.6W
	Ripple Current	<3%
	Channel	1
	Current Tolerance	±5%
	Standby Power	<3.5W
	Frequency	4KHz PWM
	No load output voltage	48VMax
	Turn on delay Time	<1.5s, at230Vac (When the light begins to shine)
Function	Dimming Type	TRIAC/ELV
	Dimming Range	5%-100% Dimming to off
Protection	Short Circuit	Close output， recovers automatically after fault removed
	Over Load	When the output voltage is exceeded, the output current decreases and, recovers automatically. when the load is reduced.
	Over Voltage	Close output， recovers automatically after fault removed
Safety & EMC	Surge	L-N:1KV
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA
	Safety Standards	UL8750/UL1310/CSA25013,CSA class P
	EMI Eission	EN55015,EN61000-3-2 Class C,IEC61000-3-3
	EMC Immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547
Others	Working Temp.	-20°C~50°C(-4°F~122°F)
	Storage Temp., Humidity	-40°C~85°C, 20-90%RH
	tc	85°C (185°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: 156g(0.34 lb)±5%/PCS; 50PCS/Carton; 8.3kg (18.29 lb)±5%/Carton; Carton Size:286x239x194mm (11.25*9.4*7.63)(L*W*H)
	Dimension	121*44*26.5mm(4.76*1.73*1.04 Inch)(L*W*H)

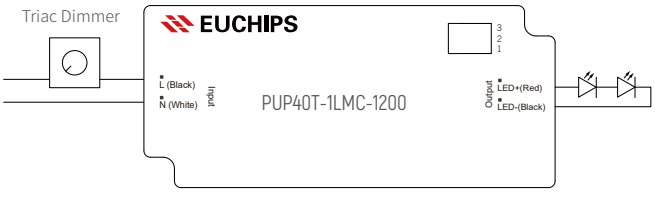
Remark: Use only within an enclosure

Dimension (mm)

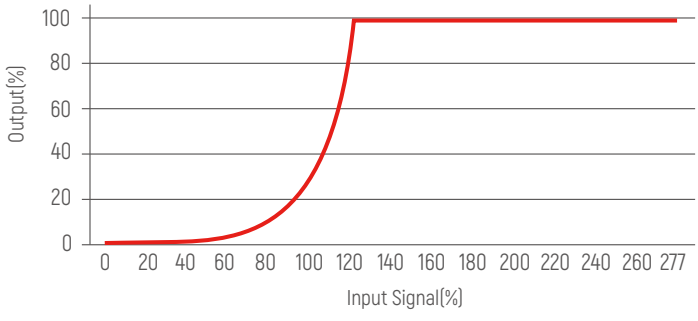




Wiring Diagram



Dimming Curve



Current Selection Table

PUP40T-1LMC-1200 is a multi-current dimming driver, output current level selectable by DIP S.W., as the following:

		1 2 3							
ON	OFF	850mA	900mA	950mA	1000mA	1050mA	1100mA	1150mA	1200mA
		9-42V	9-42V	9-42V	9-40V	9-38V	9-36V	9-34V	9-33V

Remark: Function default setting is: 850mA (@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 ℃ (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 .