PUP10T-1LMC-350

Summary

PUP10T-1LMC-350 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 Feature

- 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

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

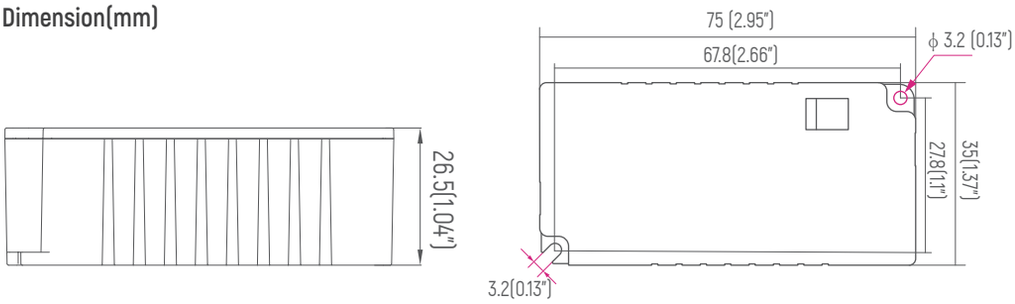
Technical Parameters

Model	PUP10T-1LMC-350				
Input	Efficiency	70%@120VAC, Full load			
	Voltage	120VAC			
	Frequency	50/60Hz			
	Power Factor	0.92@120VAC, Full load			
	THD	<20%@120VAC, Full load			
	Current	0.13Amax@120VAC, Full load			
	Inrush Current	Cold start, 30A@120VAC			
Output	Current/Voltage/Power 350mA	120mA/9-42VDC/5.04W *250mA/9-40VDC/10W	150mA/9-42VDC/6.3W *300mA/9-33VDC/9.99W	180mA/9-42VDC/7.56W 320mA/9-31VDC/9.92W	210mA/9-42VDC/8.82W 350mA/9-28VDC/9.8W
	Ripple Current	<3%			
	Channel	1			
	Current Tolerance	±5%			
	Frequency	4KHz PWM			
	No Load Output Voltage	50V Max			
	Turn On Delay Time	<1s, at 120Vac			
Protection	Over Voltage	Hiccup, recovers after fault condition is removed			
	Short Circuit	Shut down the output automatically recovers after faulty condition is removed.			
	Over Load	When the output voltage is exceeded, decreases and, recovers automatically when the load is reduced.			
Safety & EMC	Surge	L-N:0.5kV;			
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA			
	Safety standards	EN61347-2-13			
	EMI Eission	EN55015			
	EMC Immunity	EN61000-3-3 EN61000-4-3 EN61000-4-4 EN61000-4-5			
Function	Dimming type	TRIAC/ELV			
	Dimming range	3%-100%			
Others	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 times			
	Pack Information	N.W: 96g(0.21 lb)±5%/PCS; 100PCS/Carton; 10.1kg(22 lb)±5%/Carton; Carton Size: 398x210x208mm(15.6*8.26*8.18 Inch)(L*W*H)			
	Dimension	75*35*26.5mm(2.95*1.37*1.04 Inch)(L*W*H)			

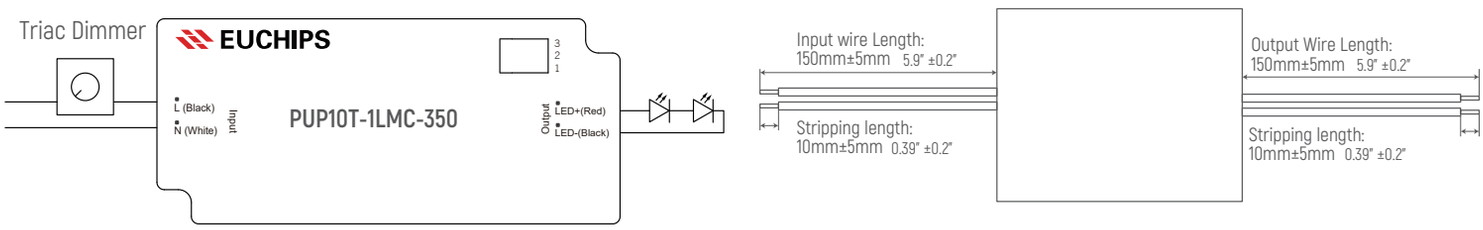
Remark: Use only within an enclosure

*Tolerance: 250mA 1-7%; 300mA -6-0%;

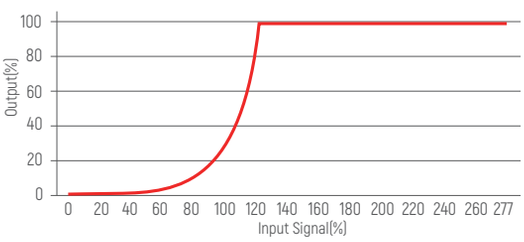
Dimension(mm)



Wiring Diagram



Dimming Curve



Current Selection Table

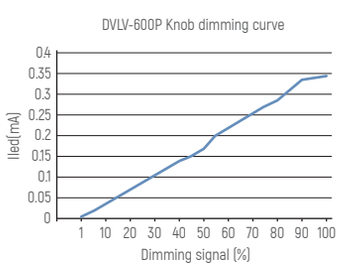
PUP10T-1LMC-350 is a multi-current dimming driver, output current level selectable by DIP S.W., as the following:

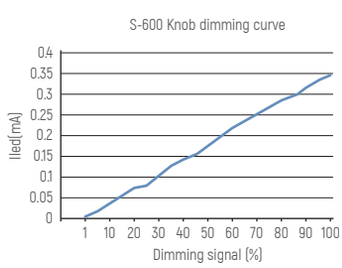
		1 2 3							
ON	OFF	120mA	150mA	180mA	210mA	250mA	300mA	320mA	350mA
		9-42V	9-42V	9-42V	9-42V	9-40V	9-33V	9-31V	9-28V

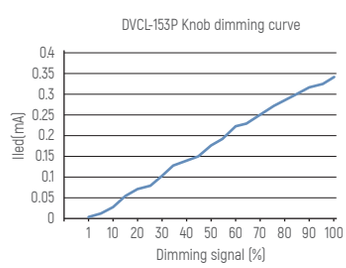
Remark: Function default setting is: 120mA(@switch are all OFF state)

Dimmer MatchingTable

Model	Does it match
Lutron DVLV-600P	OK
Lutron S-600	OK
Lutron DVCL-153P	OK







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 .