

## PUP10T-1LMC-700

### Summary

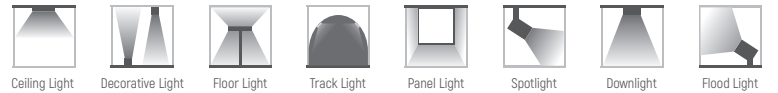
PUP10T-1LMC-700 is a constant current output mode LED driver. The output current can be easily set via DIP switch. The driver supports leading edge (Triac) and trailing edge (ELV) dimmer, achieve a smooth dimming effect.

### 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, no flicker
- Protections: Short circuit, over load, over voltage
- Suitable for indoor LED lighting application, such as down light, spotlights, panel light, and so on



### Application

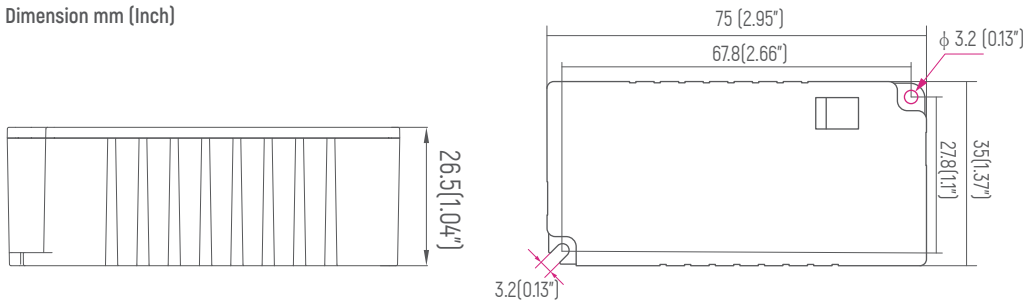


### Technical Parameters

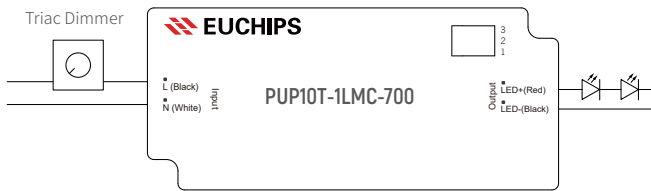
Model	PUP10T-1LMC-700				
Input	Efficiency	70%@120VAC, Full load			
	Voltage	120-277VAC			
	Frequency	50/60Hz			
	Power Factor	0.92@120VAC, Full load			
	THD	<20%@120VAC, Full load			
	Current	0.13Amax@120VAC, Full load			
	Inrush Current	Cold start, 30A@120VAC			
Output	Current/Voltage/Power	350mA/2-21VDC/7.35W 550mA/2-18VDC/9.9W	400mA/2-21VDC/8.4W 600mA/2-16VDC/9.9W	450mA/2-21VDC/9.45W 650mA/2-15VDC/9.75W	500mA/2-20VDC/10W 700mA/2-14VDC/9.8W
	Ripple Current	<3%			
	Channel	1			
	Current Tolerance	±5%			
	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			
Function	EMC Immunity	EN61000-3-3 EN61000-4-3 EN61000-4-4 EN61000-4-5			
	Dimming type	TRIAC			
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 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

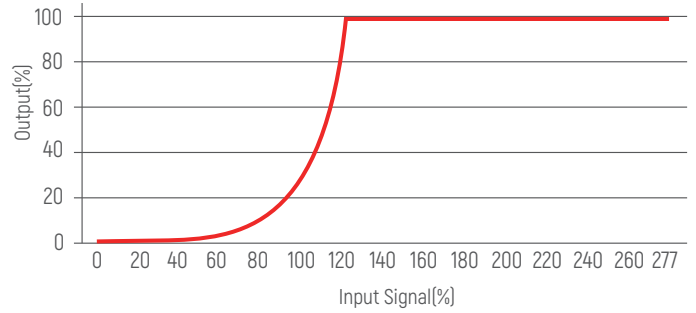
Dimension mm (Inch)



Wiring Diagram



Dimming Curve



Current Selection Table

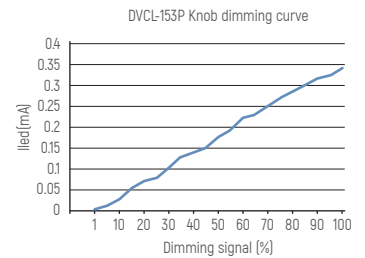
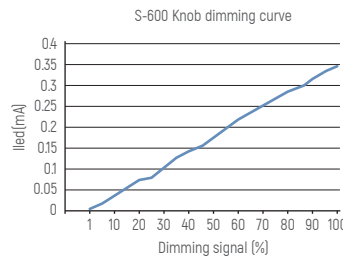
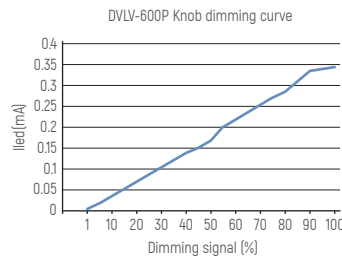
PUP10T-1LMC-700 is a multi-current dimming driver, output current level selectable by DIP S.W., as the following:

ON	OFF	350mA 2-21V	400mA 2-21V	450mA 2-21V	500mA 2-20V	550mA 2-18V	600mA 2-16V	650mA 2-15V	700mA 2-14V
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Remark: Function default setting is: 350mA (@switch are all OFF state)

Dimmer Matching Table

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 °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

- This product should be installed by qualified personnel.
- 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.
- Good heat dissipation conditions extend product life. Please install the product in a well-ventilated environment.
- Please make sure LED power supply output voltage, current is used to meet the product requirements.
- 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.
- Due to safety concerns, PVC or rubber cord of 0.75-2.5mm<sup>2</sup> 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.
- 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.