

EUP10T-1HMC-0-120

Summary

EUP10T-1HMC-0-120 is a constant 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, and can be compatible with the systems of various brands (Philips, Panasonic, Lutron, Simon, ABB, Siemens, Dalitek etc.) to 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
- Dimming range from 40VAC to 240VAC
- Class II power supply. Full protective plastic housing
- Dimming effect smooth, no flicker
- Protections: Short circuit, over load
- Suitable for indoor LED lighting application, such as down light, spot light, and so on



Application


Ceiling Light


Decorative Light


Floor Light


Panel Light


Spotlight


Downlight

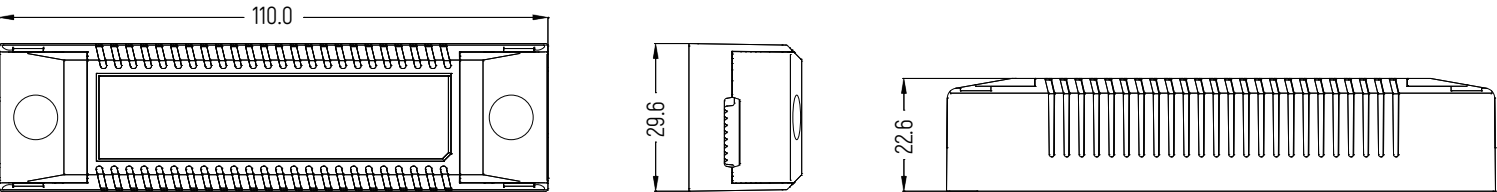

Flood Light



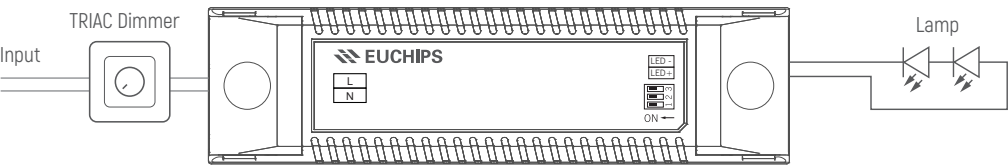
Technical Parameters

Model	EUP10T-1HMC-0-120				
Input	Efficiency	75%@230VAC, Full load			
	Voltage	220VAC~240VAC			
	Frequency	50/60Hz			
	Current	0.12Amax@230VAC, Full load			
	Inrush Current	Cold start, 8A@230VAC 200us			
	No load power	≤2.5w			
Output	Current/Voltage/Power	120mA/9-42VDC/5.04W 250mA/9-40VDC/10W	150mA/9-42VDC/6.3W 300mA/9-33VDC/9.9W	180mA/9-42VDC/7.56W 320mA/9-31VDC/9.92W	210mA/9-42VDC/8.82W 350mA/9-28DC/9.8W
	Ripple Current	<3%			
	Channel	1			
	Current Tolerance	±7%			
	No Load Output Voltage	50V Max			
	Turn On Delay Time	<1s, at 230Vac			
Function	Dimming Mode	Triac		ELV	
Protection	Short Circuit	Close output , recovers automatically after fault removed			
	Over Load	When the output voltage is exceeded, decreases and, recovers automatically when the load is reduced.			
Others	Withstand Voltage	I/P-O/P: 1500Vac/1min/<5mA			
	Surge	L-N:500V			
	Working Temp.	-20°C~50°C			
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH			
	Tc	85°C			
	Material	PC			
	IP Rating	IP20			
	Lifetime	50,000h@tc:85°C			
	Warranty Condition	5 years			
	Switch Cycle	>25,000 times			
	Packing(weight)	Net weight: 58g±5%/PCS; 100PCS/Carton; 6.3kg±5%/Carton; Carton Size: 56.5*22.3*12.5CM(L*W*H)			
Dimension	110*30*22.6mm(L*W*H)				

Dimension(mm)



Wiring Diagram

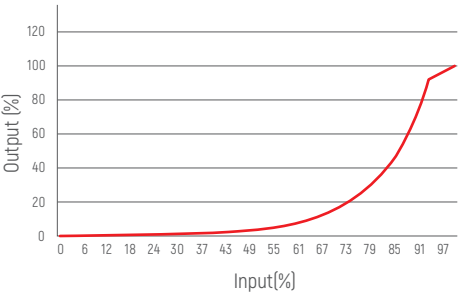


Current Selection Table

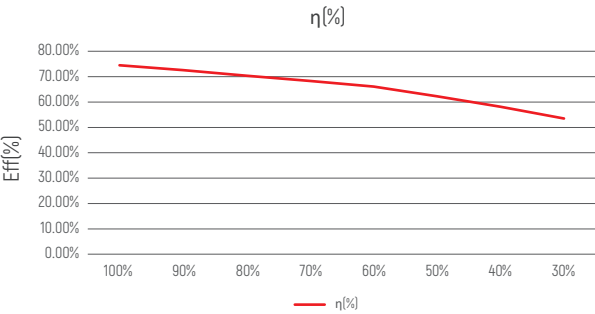
ON	OFF	1	2	3														
		120mA	150mA	180mA	210mA	250mA	300mA	320mA	350mA									
		9-42V	9-42V	9-42V	9-42V	9-40V	9-34V	9-31V	9-28V									

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

Dimming Curve



Eff vs Load



Cautions

- 1.The product shall be installed and serviced by a qualified person.
- 2.This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4.Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
- 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.For safety consideration, PVC or rubber cord of 0.75-1.5mm2 is recommended for input and output terminal(s) . 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.If a fault occurs please return the product to your supplier. Do not attempt to fix this product by 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 .

EUP10T-1HMC-0-120

概述

EUP10T-1HMC-0-120 是一款可以提供120/150/180/210/250/300/320/350 8档电流的LED驱动器,输出电流可以通过DIP拨码开关简易设置, 这款驱动器支持前沿切相和后沿切相调光器可以与多品牌系统(飞利浦, ABB, 路创, 西门子西蒙, 松下, 邦奇等)配合使用, 调光曲线平滑。

产品特点

- 单通道恒流输出, 多级电流可选
- 持前沿/后沿切相调光
- 调光电压范围: 40-240VAC
- Class 2电源, 全防护塑胶外壳
- 调光曲线平滑, 无闪烁
- 短路保护, 过载保护
- 适用于LED室内灯具,比如筒灯, 射灯等



应用



壁灯



装饰灯



落地灯



面板灯



射灯



筒灯



投光灯

CE

RoHS

110

SELV

技术参数

型号	EUP10T-1HMC-0-120				
输入	效率	75%@230VAC, 满载			
	电压	220VAC-240VAC			
	频率	50/60Hz			
	电流	0.12Amax@230VAC, 满载			
	浪涌电流	冷启动, 8A@230VAC 200us			
	空载功耗	≤2.5w			
输出	电流/电压/功率	120mA/9-42VDC/5.04W 250mA/9-40VDC/10W	150mA/9-42VDC/6.3W 300mA/9-33VDC/9.9W	180mA/9-42VDC/7.56W 320mA/9-31VDC/9.92W	210mA/9-42VDC/8.82W 350mA/9-28DC/9.8W
	波纹电流	<3%			
	通道	1			
	电流公差	±7%			
	空载输出电压	50V Max			
	启动延时	<1s, at230Vac			
功能	调光方式	Triac	ELV		
保护	短路	关断输出, 移除故障后自恢复			
	过载	打嗝, 移除故障后自恢复			
其它	耐压	I/P-O/P: 1500Vac/1min/<5mA			
	雷击浪涌	L-N:500V			
	工作温度	-20°C~50°C			
	储存温度、湿度	-40°C~85°C, 20-90%RH			
	tc	85°C			
	材质	PC			
	防水等级	IP20			
	寿命	50,000小时@tc:85°C			
	质保	5年			
	开关周期	>25,000次			
	包装重量	净重: 58g±5%/个; 100个/箱; 6.3kg±5%/箱; 外箱尺寸: 56.5*22.3*12.5CM(L*W*H)			
尺寸	110*30*22.6mm(长*宽*高)				

产品尺寸

