

EUP10T-1HMC-0-350 (Product No.: 104100141201)

Summary

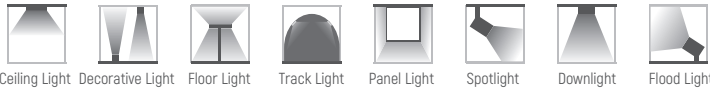
EUP10T-1HMC-0-350 is a constant output mode LED driver. The output current can be easily set via DIP switch.The driver supports leading edge (Triac) and trailing edge (ELV) dimmer, and can be compatible with the systems of various brands (Philips, Panasonic, Lutron, Simon, ABB, Siemens,Dalitek etc.) to achieve a smooth dimming effect.

Product Feature

- Single channel output, output current level selectable byDIP S.W.
- Support Leading edge (Triac) and Trailing edge (ELV) dimmer
- Dimming range from 40VAC to 240VAC
- Class 2 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



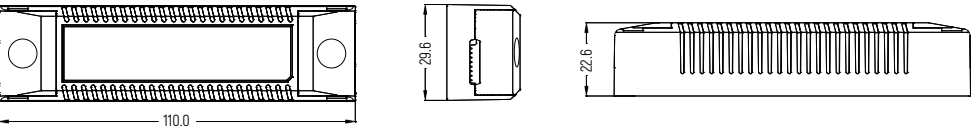
Application



Technical Parameters

Model	EUP10T-1HMC-0-350				
Input	Efficiency	73%@230VAC, Full load			
	Voltage	220VAC-240VAC			
	Frequency	50/60Hz			
	Current	0.12Amax@230VAC, Full load			
	Inrush Current	Cold start, 28A(twidth=30us measured at 50% Ipeak@230VAC			
Output	Current/Voltage/Power	350mA/2-21VDC/7.35W 400mA/2-21VDC/8.4W	450mA/2-21VDC/9.45W 500mA/2-20VDC/10W	550mA/2-18VDC/9.9W 600mA/2-16VDC/9.6W	650mA/2-15VDC/9.75W 700mA/2-14VDC/9.8W
	Ripple Current	<3%			
	Channel	1			
	Current Tolerance	±5%			
	No Load Output Voltage	25V 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	Working Temp.	-20°C~50°C			
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH			
	Tc	75°C			
	Material	PC			
	IP Rating	IP20			
	Lifetime	30,000h@tc:75°C			
	Warranty Condition	3 years			
	Switch Cycle	>15,000 times			
	Packing(weight)	Net weight: 90g±5%/PCS; 100PCS/Carton; 7kg±5%/Carton; Carton Size: 51.7*23.7*142cm(L*W*H)			
Dimension	110*30*22mm(L*W*H)				

Dimension(mm)



Wiring Diagram

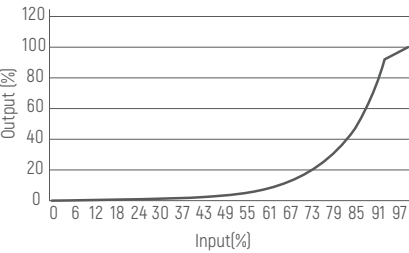


Current Selection Table

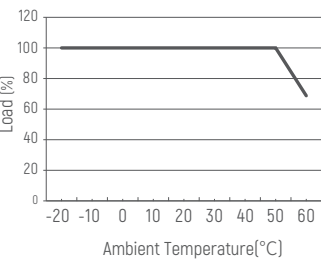
ON	OFF	1	2	3	4	5	6	7	8	9	10
		350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA		
		2-21V	2-21V	2-21V	2-20V	2-18V	2-16V	2-15V	2-14V		

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

Dimming Curve



Derating Curve



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 .

概述

The image shows a silver, rectangular electronic component, possibly a power supply or converter, with a label on its top surface. The label contains the following text:

- Yokene** (with logo)
- Yokene Corporation
- 1-1-1, Higashi-Shinjyuku, Shinjyuku-Ku, Tokyo 163-8601, Japan
- TEL: 03-3344-1111 FAX: 03-3344-1112
- www.yokene.com
- Model: YK-1000-12V
- Output: 1000W, 12V, 83.3A
- Input: 100-240V, 50/60Hz
- Efficiency: >85%
- Regulation: <1%
- Ripple: <10mV
- Protection: Overload, Overtemperature, Short Circuit
- Safety: CE, UL, FCC, RoHS
- Dimensions: 100mm x 50mm x 15mm
- Weight: 100g

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/
吸顶灯



装饰灯



落地灯



隧道灯



面板灯



射灯



筒灯

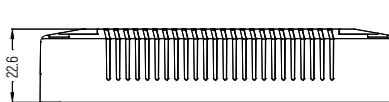
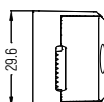
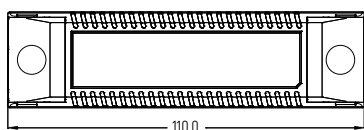


投光灯

技术参数

型号	EUP10T-1HMC-0-350				
输入	效率	73%@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, 28A[在 50%Ipeak 下测试(twidth=30us)]@230VAC			
输出	电流/电压/功率	350mA/2-21VDC/7.35W 400mA/2-21VDC/8.4W	450mA/2-21VDC/9.45W 500mA/2-20VDC/10W	550mA/2-18VDC/9.9W 600mA/2-16VDC/9.6W	650mA/2-15VDC/9.75W 700mA/2-14VDC/9.8W
	波纹电流	<3%			
	通道	1			
	电流公差	±5%			
	空载输出电压	25V Max			
	启动延时	<1s, at230Vac			
功能	调光方式	Triac		ELV	
保护	过温	关闭输出,温度正常后自动恢复			
	短路	关断输出, 移除故障后自恢复			
	过载	超过输出电压时,输出电流下降,减轻负载自动恢复			
其它	工作温度	-20°C~50°C			
	储存温度、湿度	-40°C~85°C, 20-90%RH			
	tc	75°C			
	材质	PC			
	防水等级	IP20			
	寿命	30,000小时@tc:75°C			
	质保	3年			
	开关周期	>15,000次			
	包装重量	净重: 90g±5%/个; 100个/箱; 7kg±5%/箱; 外箱尺寸: 51.5*23.5*14cm(L*W*H)			
	尺寸	110*30*22mm(长*宽*高)			

产品尺寸



TRIAC
调光旋钮

输出

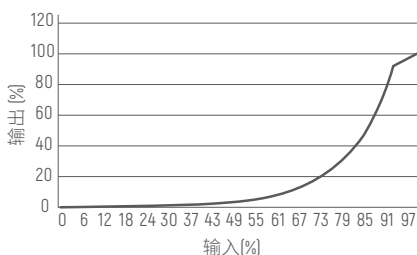
EUCHIPS
EUP10T-1HMC-0

100V
10A
ON

灯具

[illegible]

调光曲线



环境温度 (°C)	负载 (%)
-20	100
0	100
20	100
40	100
50	100
60	65

1. 本产品请由具有专业资格的人员进行调试安装。
2. 本产品不能防水，需避免日晒雨淋，如安装在户外，请用防水箱。
3. 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境。
4. 请检查使用的LED电源输出电压电流，是否符合产品要求。
5. 出于安全考虑，推荐输入和输出(信号端除外)用0.75-1.5mm2PVC或橡胶线缆，并确保接线牢固，以免电线过热或接触不良触发事故。扁平电源线不适用。
6. 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
7. 如果发生故障，请勿私自维修；如果有疑问，请联系供应商。

用户手册: 2019-8