

EUP45T-1WMC-0(Product No.: 104100062201)

Summary

EUP45T-1WMC-0 is a constant current mode output LED driver. The output current can be easily set via the DIP dial 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 etc.) to achieve a smooth dimming effect.

Product Feature

- Multi-current driver selected by Dip-switch
- Support Leading edge (Triac) and Trailing edge (ELV) Dimmer.
- Dimming range from 40VAC to 240C.
- Dimming effect smooth, no flicker
- High efficiency up to 87%
- Output short circuit protection; over current protection
- Suitable for indoor LED lighting application, down light, panel light, and so on



Application



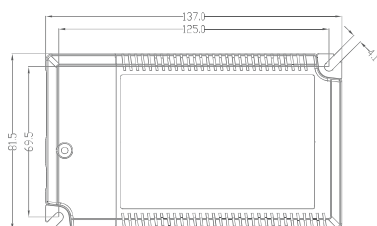
Technical Parameters

Model	EUP45T-1WMC-0	
Input	Efficiency	87%@230VAC, Full load
	Voltage	200VAC-240VAC
	Frequency	50/60Hz
	Power Factor	>0.5@230VAC, Full load
	Current	0.4Amax@230VAC, Full load
	Dimming voltage range	40-240VAC
	Inrush Current	20A@230VAC
Output	Current/Voltage/Power	500mA/33-65VDC/32.5W 900mA/33-50VDC/45W 700mA/33-65VDC/45.5W 1050mA/33-42VDC/44.1W
	Ripple Current	<3%
	Channel	1
	Current Tolerance	±7%
	No Load Output Voltage	84V Max
	Turn On Delay Time	<1s, at 230Vac
Function	Dimming Mode	Triac ELV
Protection	Short Circuit	Hiccups, recovers automatically after fault condition removed
	Over Current	Hiccups, recovers automatically after fault condition removed
Others	Working Temp.	-20°C~40°C
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH
	Tc	90°C
	Material	PC
	IP Rating	IP20
	Lifetime	30,000h@tc:75°C
	Warranty Condition	3 years
	Switch Cycle	>15,000 times
	Packing Size	Net weight: 225g±5%/PCS; 50PCS/Carton; 11.75kg±5%/Carton; Carton Size: 516*337*179cm(L*W*H)
	Dimension	137*82*31mm(L*W*H)

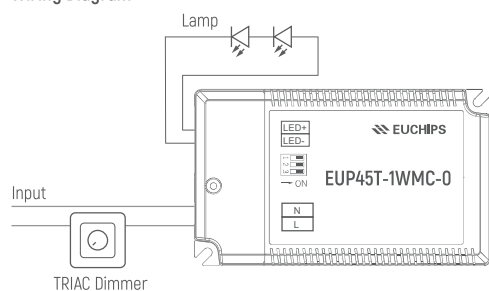
Current Selection Table				
ON	OFF	1 2	3 4	5 6
		500mA	700mA	900mA
		33-65V	33-65V	33-50V
				33-42V

Remark: Function default setting is: 500mA (@switch are all OFF state)

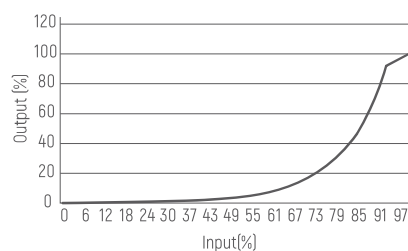
Dimension(mm)



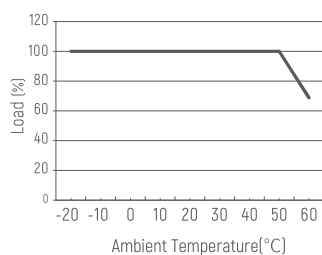
Wiring Diagram



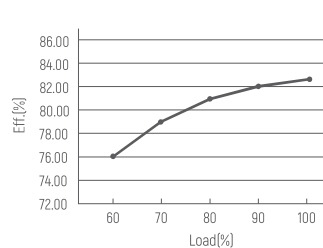
Dimming Curve



Derating 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.