

PEE100-1H24V

Product Feature

- full power output
- Insolated PC design
- Isolated design,safe and reliable
- Protections:Over Voltage,Short circuit,over Current
- Protection grades is as high as IP65
- 5 years warranty
- No Flicker



CE  
RoHS SELV IP65

Application



Light box



LED Strip Light



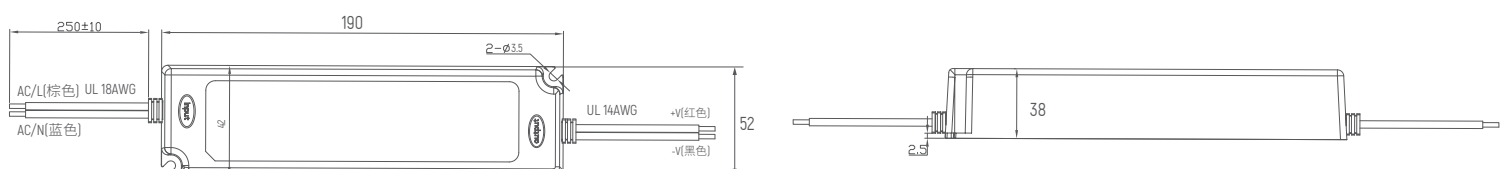
LED Tube

Astigmatism
Light source

Technical Parameters

Model	PEE100-1H24V	
Input	Efficiency	>88%@230VAC, Full load
	Voltage	220VAC-240VAC
	Frequency	50/60Hz
	Power Factor	≥0.95@230VAC, full load
	THD	<10%@230VAC, full load
	Current	0.624Amax@230VAC
	No load power	<0.5W
	Inrush current	Cold start,43A@230VAC 312us
Output	Current/Voltage/Power	4.17A/24VDC/100W
	Ripple Current	≤200mV
	Channel	1
	Voltage Accuracy	±5%
	Turn On Delay Time	≤0.5 s, at230Vac (When the light begins to shine)
Protection	Short Circuit	Short circuit no output, troubleshooting self recovery
	Over Voltage	Reduced voltage hiccup protection, fault elimination self-recovery
	Over Current	Reduced voltage hiccup protection, fault elimination self-recovery
Safety & EMC	Lightning Surge	L-N:2kV
	Withstand Voltage	I/P-O/P:3750Vac/1min/<5mA
	Safety Standards	IEC/EN62384, IEC/EN61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14
	EMC Emission	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55015, EN61000-3-2; GB17626.3, 4, 5, 6, 8, 11; GB17743 GB17625.1, 2
	Insulation Resistance	5MΩ
Others	Working Temp.	-20°C~50°C
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH
	Tc	85°C
	Material	PC
	IP Rating	IP65
	Lifetime	50,000h@tc:85°C
	Warranty Condition	5 years
	Switch Cycle	>25,000 times
	Packing Size	Net weight: 550g±5%/PCS; 20PCS/Carton; 11.5kg±5%/Carton; Carton Size: 333*218*205mm(L*W*H)
	Dimension	190*52*38mm(L*W*H)

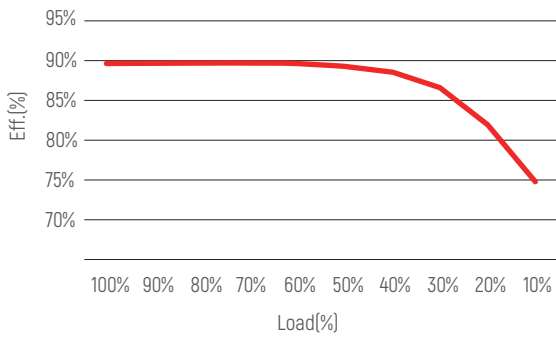
Dimension(mm)



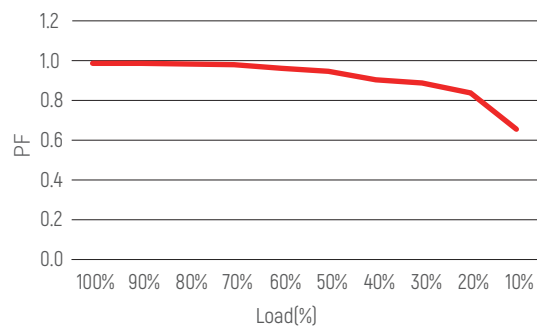
Wiring Diagram



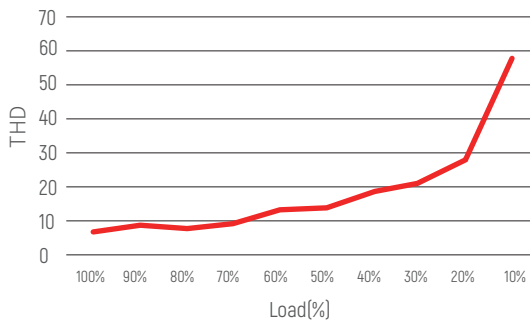
Efficiency VS Load



PF VS Load



THD VS Load



Cautions

1. This product should cut off the input voltage and installed by a professional.
2. Before installation, the voltage and current output from the power supply shall be confirmed to meet the specification requirements of the lamp.
3. It is waterproof IP65, do not soak in water for a long time when using.
4. The driver should be installed in a well space and environment.
5. The sectional area of the conductor wire which connect to the driver and lamp should be enough (Recommended less than 4A/mm²).
6. Make sure all connections are correct and secure before powering up.
7. If break down during use, it must be repaired by a professional or contact the supplier.