

PEE150-1W48V

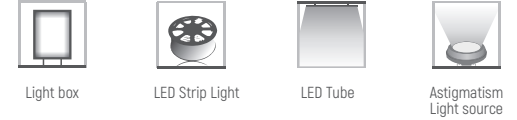
Product Feature

- full power output
- Insolated PC design
- Isolated design,safe and reliable
- Protections:Over load,Short circuit,over Current
- Protection grades is as high as IP65
- 5 years warranty
- Flicker Free



RoHS SELV IP65

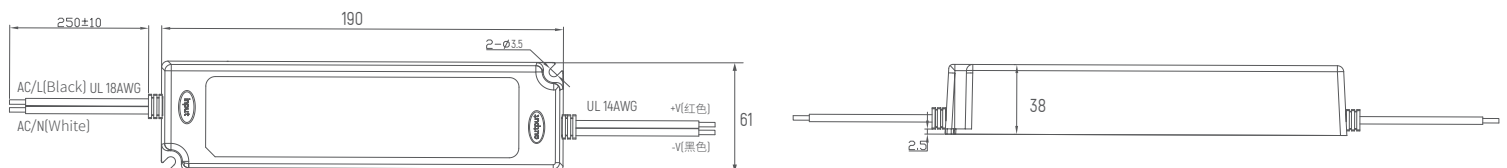
Application



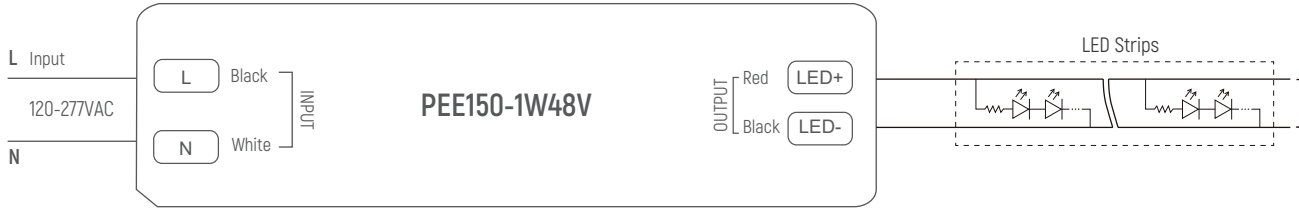
Technical Parameters

Model	PEE150-1W48V	
Input	Efficiency	≥89%@230VAC, Full load
	Voltage	120VAC-277VAC
	Frequency	50/60Hz
	Power Factor	≥0.5@230VAC, full load
	Current	3.0Amax@120VAC
	Inrush Voltage	Cold start,110A@230VAC 100us
	Standby power	<0.5W
	No load output voltage	<0.5V
Output	Current/Voltage/Power	3.125A/48VDC/150W
	Ripple Current	≤200mV
	Channel	1
	No load output voltage	50.4VDC max
	Turn On Delay Time	≤0.5 s, at230Vac (When the light begins to shine)
Protection	Over Voltage	Current down, troubleshooting output normal
	Over load	Reduce current hiccup protection and troubleshoot normal output
	Short circuit	Short circuit no output, troubleshooting output normal
Safety & EMC	Lightning Surge	L-N:2000VAC
	Withstand Voltage	I/P-O/P:3000Vac/1min/<5mA
	Safety Standards	EN61347-1 EN61347-2-13 UL8750
	EMC Eission	EN55015 FCC Part15 ClassB
Others	Insulation Resisance	5MΩ
	Working Temp.	-20°C-50°C
	Storage Temp.; Humidity	-40°C-85°C, 20-90%RH
	Tc	90°C
	Material	Plastic case
	IP Rating	IP65
	Lifetime	50,000h@tc:50°C
	Warranty Condition	5years
	Switch Cycle	>25,000 times
	Packing Size	Net weight: 738g±5%/PCS; 20PCS/Carton; 15.2kg±5%/Carton; Carton Size: 304*227*220mm(L*W*H)
Dimension	190*61*38mm(L*W*H)	

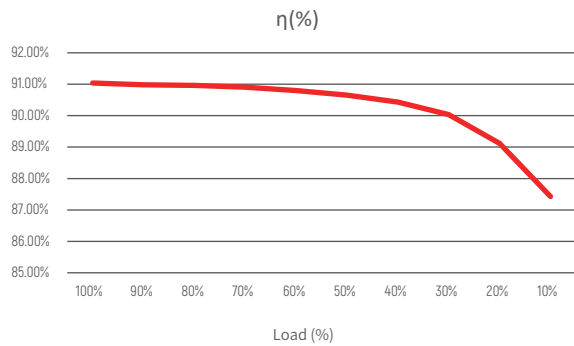
Dimension(mm)



Wiring Diagram



Efficiency 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.

※ 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.

PEE150-1W48V

产品特点

- 足功率输出
- 绝缘塑胶外壳设计
- 采用隔离式设计,安全可靠
- 具有过载、短路、过流等保护功能
- 防护等级达IP65
- 无频闪
- 5年质保

技术参数



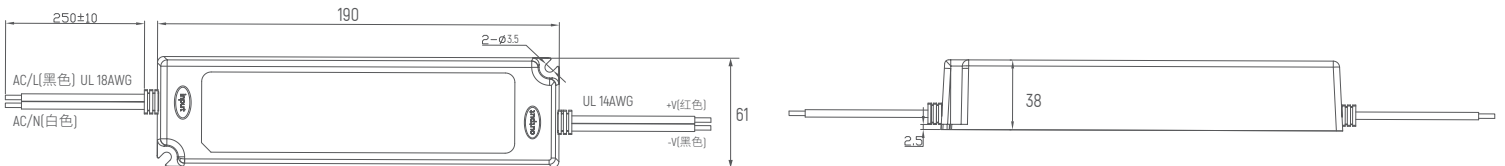
RoHS SELV IP65

应用



型号	PEE150-1W48V	
输入	效率	≥89%@230VAC, 满载
	电压	120VAC-277VAC
	频率	50/60Hz
	功率因数	≥0.5@120VAC, 满载
	电流	3.0Amax@120VAC
	浪涌电流	冷启动, 110A@230VAC 100us
	待机功耗	<0.5W
	空载功耗	<0.5W
输出	电流/电压/功率	3.125A/48VDC/150W
	通道	1
	空载电压	50.4VDC max
	启动延时	≤ 0.5 s, at230Vac (当灯光开始亮起)
保护	过电压	电流下降, 排除故障输出正常
	过负载	降低电流打嗝保护, 排除故障输出正常
	短路	短路无输出, 排除故障输出正常
安全与电磁兼容	雷击浪涌	L-N 2000VAC
	耐压	I/P-O/P:3000Vac/1min/<5mA
	安全标准	EN61347-1 EN61347-2-13 UL8750
	电磁兼容	EN55015 FCC Part15 ClassB
	绝缘阻抗	5MΩ
其它	工作温度	-20°C-50°C
	储存温度、湿度	-40°C-85°C, 20-90%RH
	Tc	90°C
	材质	塑料外壳
	防水等级	IP65
	寿命	50,000h@tc:50°C
	质保	5年
	开关周期	>25,000次
	包装重量	净重: 738g±5%/个; 20个/箱; 15.2kg±5%/箱; 外箱尺寸: 304*227*220mm(长*宽*高)
产品尺寸	190*61*38mm(长*宽*高)	

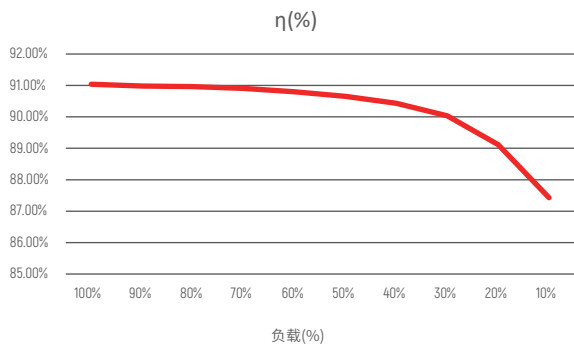
产品尺寸(mm)



应用接线图



效率 VS 负载曲线



注意事项

1. 本电源应切断输入电压并由专业人员进行安装调试
2. 安装前须确认电源输出的电压电流符合灯具的规格要求
3. 本电源防水等级为IP65，不可浸泡在水中工作
4. 电源应安装在良好散热的空间与环境
5. 用于连接电源及灯具的导线面积应足够(建议小于4A/MM²)
6. 通电前，须确认所有连接正确且牢固
7. 使用过程中如发生故障，须由专业人员维修或联络供应商

※ 本说明书内容如有更新，恕不另行通知。若您使用的产品功能与说明书不一致时，请以产品为准。如有疑问请与我们联系。