

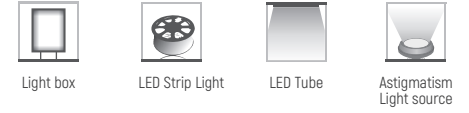
PEE20-1W24V

Product Feature

- Insolated PC design
- Isolated design,safe and reliable
- Protections: Short circuit, Over load, over current
- Protection grades is as high as IP65
- 5 years warranty



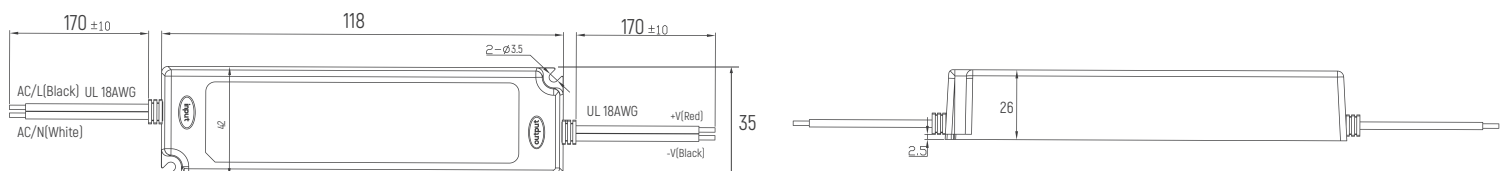
Application



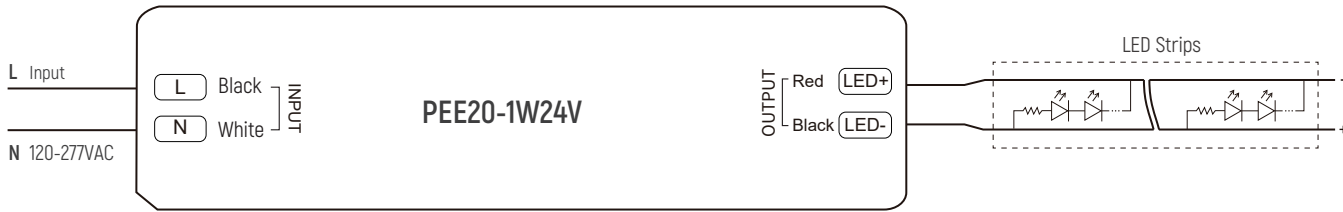
Technical Parameters

Model	PEE20-1W24V	
Input	Efficiency	≥86%@230VAC, Full load
	Voltage	120VAC-277VAC
	Frequency	50/60Hz
	Current	0.5Amax@120VAC
	No load power	<0.5W
	Inrush Current	Cold start,18A@230VAC 20us
Output	Current/Voltage/Power	0.833A/24VDC/20W
	Channel	1
	Voltage Accuracy	±5%
	No load output voltage	25.2VDC max
	Turn On Delay Time	≤0.5s, at230Vac (When the light begins to shine)
Protection	Short Circuit	Auto recovery when failure is removed
	Over Load	Protection, troubleshooting output normal
	Over Current	Protection, troubleshooting output normal
Safety & EMC	Lightning Surge	L-N:2kV
	Withstand Voltage	I/P-O/P:3750VAC/1min/5mA
	Safety Standards	EN61347-1 EN61347-2-13 UL1310
	EMC	EN55015, FCC Part 15 Class B
Others	Working Temp.	-20°C~+50°C
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH
	Tc	75°C
	Material	PC
	IP Rating	IP65
	Lifetime	50,000h@tc:65°C
	Warranty Condition	5 years
	Switch Cycle	>25,000 times
	Packing Size	Net weight: 153g±5%/PCS; 60PCS/Carton; 9.5kg±5%/Carton; Carton Size: 282*230*140mm(L*W*H)
	Dimension	118*35*26mm(L*W*H)

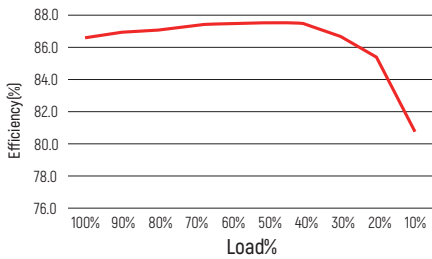
Dimension(mm)



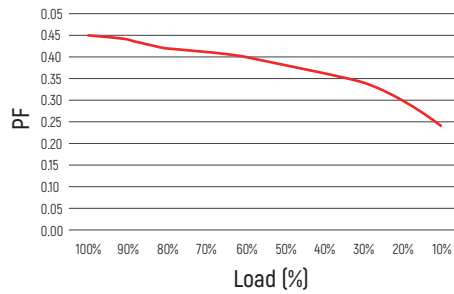
Wiring Diagram



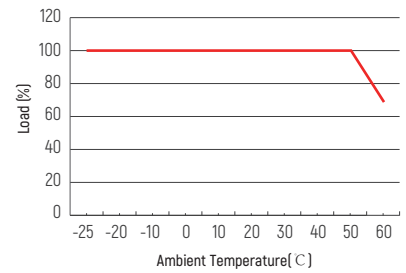
Efficiency vs Load



PF vs Load



Derating Curve



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.

PEE20-1W24V

产品特点

- 绝缘塑胶外壳设计
- 采用隔离式设计，安全可靠
- 具有、短路、过载、过流保护功能
- 防护等级达IP65
- 5年质保



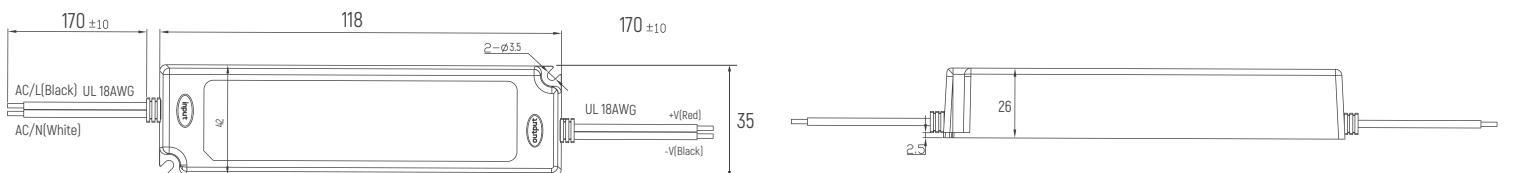
应用



技术参数

型号	PEE20-1W24V	
输入	效率	≥86%@230VAC, 满载
	电压	120VAC-277VAC
	频率	50/60Hz
	电流	0.5Amax@120VAC
	空载功耗	<0.5W
	浪涌电流	冷启动 18A@230VAC 20us
	启动延时	≤0.5s, at230Vac[灯光起亮]
输出	电流/电压/功率	0.833A/24VDC/20W
	通道	1
	电压精度	±5%
	空载电压	25.2VDC max
保护	短路	打嗝，排除故障自恢复
	过载	电压降低，排除故障自恢复
	过流	电压降低，排除故障自恢复
安全与电磁兼容	雷涌	L-N:2kV
	耐受电压	I/P-O/P:3750VAC/1min/5mA
	安全标准	EN61347-1 EN61347-2-13 UL1310
	电磁兼容	EN55015, FCC Part 15 Class B
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	IP65
	寿命	50,000h@tc:65°C
	质保	5年
	开关周期	>25,000次
	包装重量	净重: 153g±5%/个; 60个/箱; 9.5kg±5%/箱; 外箱尺寸: 282*230*140mm[长*宽*高]
	产品尺寸	118*35*26mm[长*宽*高]

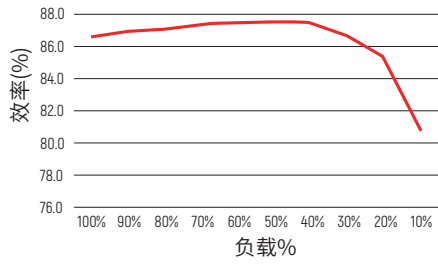
产品尺寸(mm)



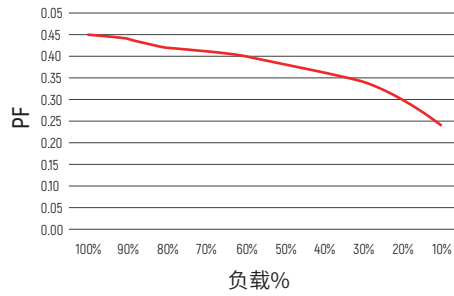
应用接线图



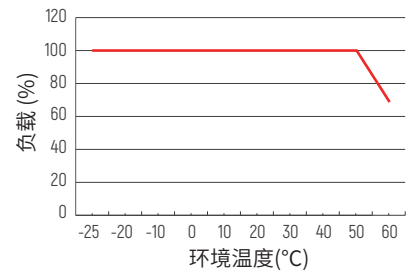
效率vs负载



PFvs负载



降额曲线



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。