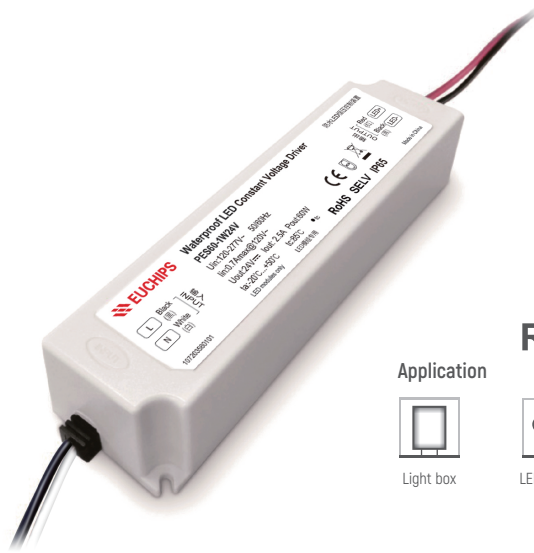


PES60-1W24V

Product Feature

- Width voltage input,full power output
- Insolated PC design
- Isolated design,safe and reliable
- Protections:Over load,Short circuit,over voltage
- Comply with CE/SELV
- Protection grades is as high as IP65
- 5 years warranty

Technical Parameters



RoHS SELV IP65

Application



Light box



LED Strip Light



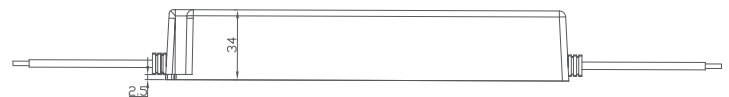
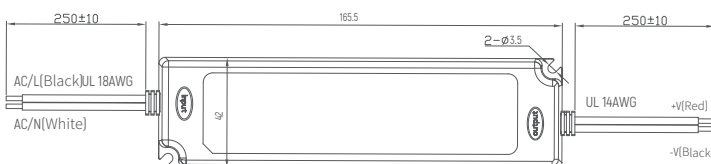
LED Tube



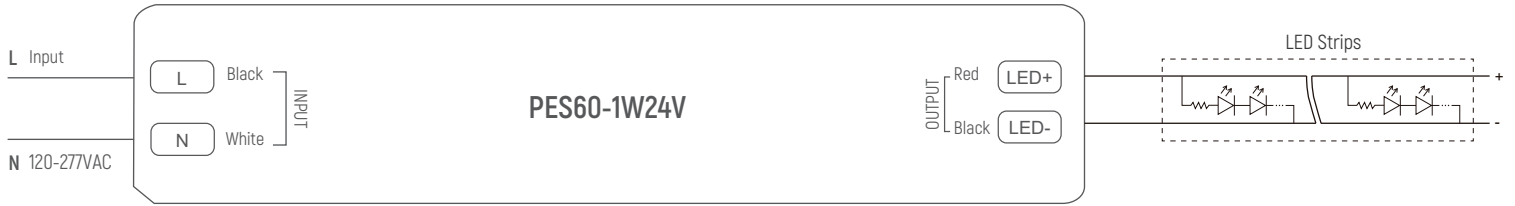
Astigmatism Light source

Model	PES60-1W24V	
Input	Efficiency	≥86%@230VAC, full load
	Voltage	120VAC-277VAC
	Frequency	50/60Hz
	No load power	≤ 0.5W
	Current	0.7Amax@120VAC
	THD	<10%@230VAC, full load
	PF	≥0.95@230VAC, full load
Output	Current/Voltage/Power	2.5A/24VDC/60W
	Ripple Voltage	<3%
	No load output voltage	25.2V max
	Current Accuracy	±5%
	Channel	1
	Turn On Delay Time	≤ 0.5 s, at230Vac (When the light begins to shine)
Protection	Over load	If no output is displayed, the troubleshooting output is normal
	Short circuit	Short circuit No output, troubleshooting output normal
	Over Current	If no output is displayed, the troubleshooting output is normal
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 Eission	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55015, EN61000-3-2; GB17626.3, 4, 5,
	Insulation Resisance	5MΩ
Others	Working Temp.	-20°C~50°C [-4°F~122°F]
	Storage Temp.; Humidity	-40°C~85°C [-40°F~185°F], 20-90%RH
	Tc	85 C (185°F) @230Vac
	Material	PC
	IP Rating	IP65
	Lifetime	50,000h@tc:50°C(122°F)
	Warranty Condition	5 years
	Switch Cycle	>25,000 times
	Packing Size	Net weight: 390g (0.86 lb) ±5%/PCS; 30PCS/Carton; 12.3kg(27.1 lb)±5%/Carton; Carton Size: 268*230*140mm(10.55*9.05*5.51 Inch)[L*W*H]
	Dimension	165.5*42*34mm (6.51*1.65*1.34 Inch) [L*W*H]

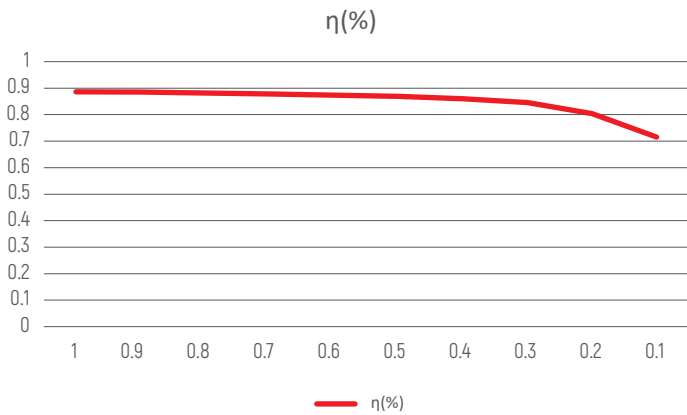
Dimension(mm)



Wiring Diagram



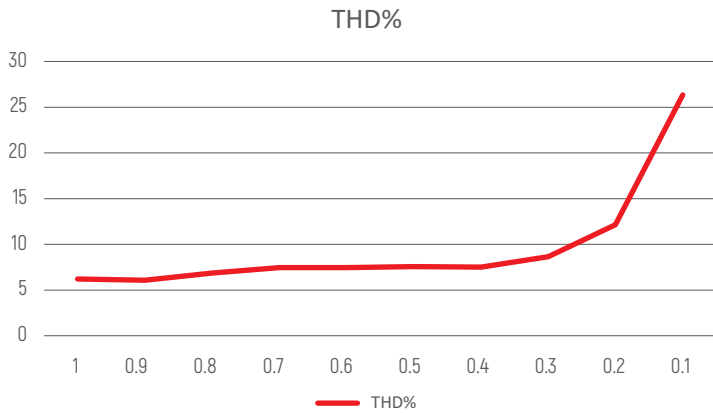
Eff. vs Load



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.

※ 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.