



Features

- PS-UNI with IP66 rating for wet locations
- Constant voltage output
- Input Voltage: 120-277VAC
- Compatible with Triac, MLV, ELV, 0-10V, PWM dimmers
- Flicker-free dimming
- Dim-to-off, with minimum dimming percentage: 0.1%
- Cooling by free air convection
- Full protection metal case
- Auto reset breakers, from short circuit, overloading, & over temperature
- 5 year Warranty



Technical Information

PS-UNI MODEL			PS-UNI-30-24	PS-UNI-60-24	PS-UNI-96-24	PS-UNI-3x96-24
ELECTRICAL	Voltage / Frequency		120-277V AC @ 50/60Hz	120-277V AC @ 50/60Hz	120-277V AC @ 50/60Hz	120-277V AC @ 50/60Hz
	Inrush Current		7A, 420us @ 50% 120V AC 12A, 480us @ 50% 277V AC	22.4A, 82us @ 50% 120V AC 42.4A, 47us @ 50% 277V AC	20A, 1.6ms @ 50% 120V AC 25A, 1.2ms @ 50% 277V AC	35A, 960us @ 50% 120V AC 43A, 1ms @ 50% 277V AC
	Power Factor		0.99 @ 120V ¹ 0.95 @ 277V ¹	0.98 @ 120V ¹ 0.95 @ 277V ¹	0.98 @ 120V ¹ 0.95 @ 277V ¹	0.99 @ 120V ¹ 0.95 @ 277V ¹
	Efficiency		0.79 @ 120V ¹ 0.80 @ 277V ¹	0.84 @ 120V ¹ 0.86 @ 277V ¹	0.83 @ 120V ¹ 0.86 @ 277V ¹	0.87 @ 120V ¹ 0.91 @ 277V ¹
	Maximum Input Current		0.5A @ 100V AC	≤ 0.9A	1.3A	3.4A @ 100V AC
	Maximum Output Power		30W	60W	96W	3 x 96W
	Maximum Output Current		1.25A	2.5A	4.0A	3 x 4.0A
	Output Voltage		24V DC	24V DC	24V DC	24V DC
	Total Harmonic Distortion		< 20% ²	< 20% ²	< 20% ²	< 20% ²
	Start Up Time		< 0.5S ³	< 0.5S ³	< 0.5S ³	< 0.5S ³
	Minimum Load		10%	10%	10%	10%
	Dimming (0-10V)		0.1% - 100% LOG	0.1% - 100% LOG	0.1% - 100% LOG	0.1% - 100% LOG
	Dimming (Phase)		0.1% - 100% LOG	0.1% - 100% LOG	0.1% - 100% LOG	0.1% - 100% LOG
	0-10V Current Draw		0.2mA	0.2mA	0.2mA	0.2mA
RATING	Environment		Wet IP66	Wet IP66	Wet IP66	Wet IP66
	Compliance		UL 8750	UL 8750	UL 8750	UL 8750
	Ambient Operating Temperature Range		- 40 to 60°C	- 40 to 60°C	- 40 to 60°C	- 40 to 60°C
DIMENSIONS	Length	A	6.50"	7.40"	8.66"	11.85"
	Width	B	3.73"	3.73"	3.73"	4.32"
	Height	C	1.61"	1.61"	1.61"	1.81"
Net. Weight			2.0 lbs	2.4 lbs	2.8 lbs	5.2 lbs

1 - at MAX Load

2 - under 120 - 277 VAC input with 80 - 100% load condition (For all output voltage)

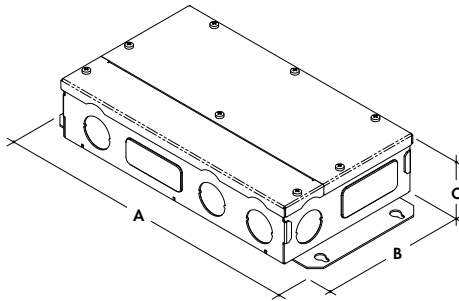
3 - at 50 - 100% load, input 120V

Ordering Code

MODEL	INPUT CONTROL	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	UNI - 0-10V, Phase Dimming	30 - 30 Watts 60 - 60 Watts 96 - 96 Watts 3x96 - 3x96 Watts	24 - 24 VDC

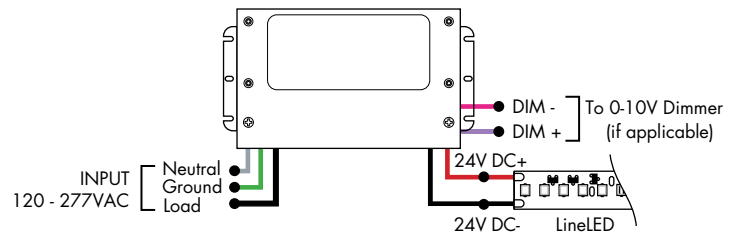
Please note: PS-UNI series will start shipping from July 2025

Product Dimensions



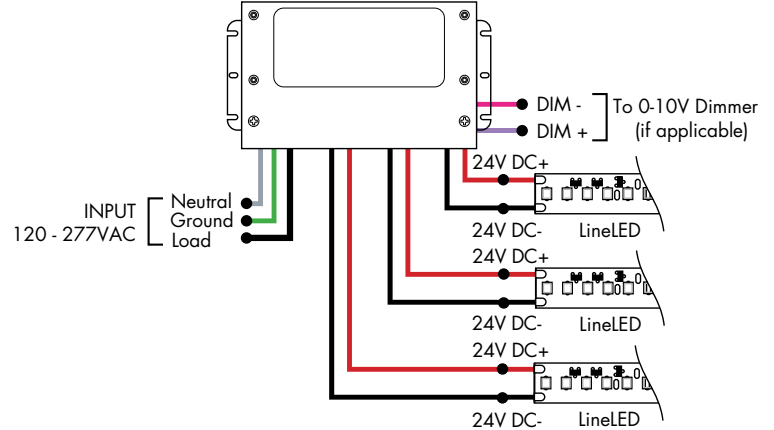
General Wiring Diagram

PS-UNI-30/60/96-24



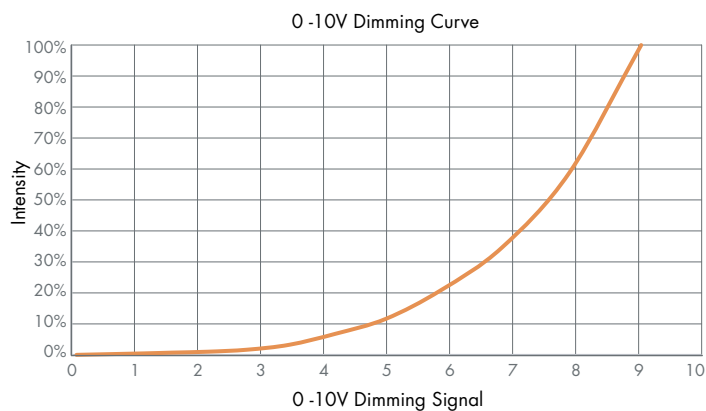
Note: Over the white, green, and black wires, connect to ELV and MLV dimmer.

PS-UNI-3x96-24

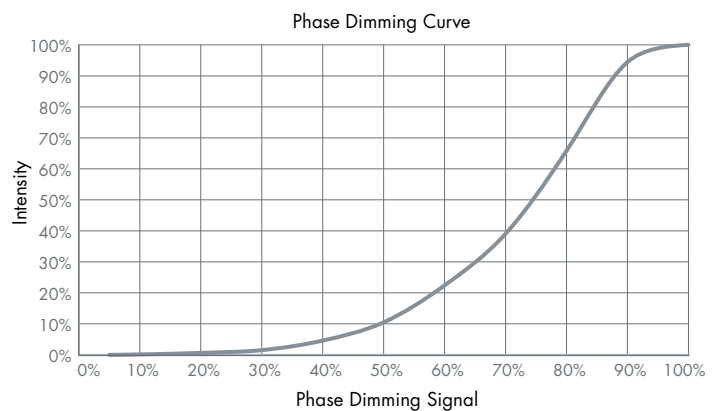


Note: Over the white, green, and black wires, connect to ELV and MLV dimmer.

Dimming Curve



*Equipment used for test: HomeWorks QS 0-10V Module, LL72 LED Tape



*Equipment used for test: HomeWorks Phase Adaptive Power Module, LL72 LED Tape