PS-UNI-PR-96-24 | Pool Rated Power Supply

luminii

Features

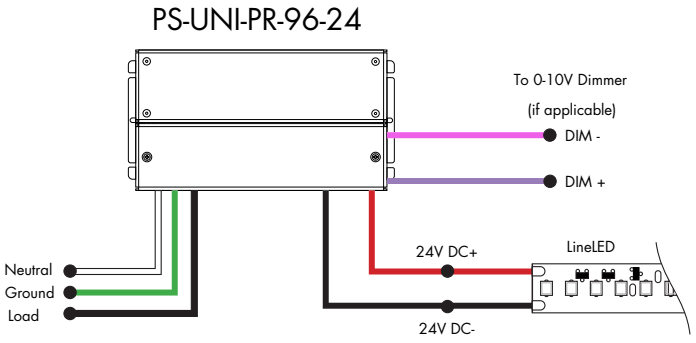
- Listed for Fountain, Swimming Pool or Spa Transformer
- For dry, damp, and wet locations
- Constant voltage output
- Input Voltage, 120 VAC
- Compatible with Triac, MLV, ELV, 0-10V, & PWM Dimmers
- Flicker-free dimming
- Cooling by free air convection
- Full protection metal case
- Auto reset breakers, from short circuit, overloading, & over temperature
- 5 year Warranty

Technical Information

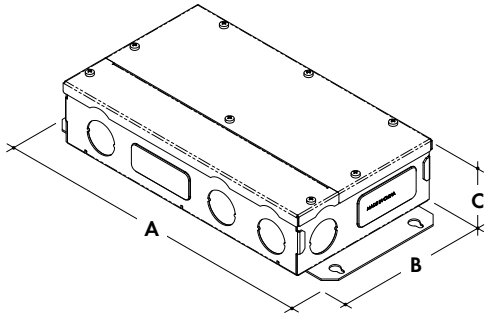
	MODEL	PS-UNI-PR-96-24
ELECTRICAL	Voltage/Frequency	120-277V AC @ 50/60Hz
	Inrush Current	20A, 1.6ms @ 50% 120V AC 25A, 1.2ms @ 50% 277V AC
	Power Factor	0.98 @ 120V* 0.95 @ 277V*
	Efficiency	0.83 @ 120V* 0.86 @ 277V*
	Driver Heat Dissipation	67.09 BTU/hr @ 120V* 53.32 BTU/hr @ 277V*
	Max Input Current	1.3A
	Max Output Power	96W
	Max Output Current	4.0A
	Output Voltage	24V DC
	Total Harmonic Distortion	< 20%*
	Start Up Time	< 0.5S
	Minimum Load	10%
	Dimming (0-10V)	1% - 100% LOG
	Dimming (Phase)	1% - 100% LOG
	0-10V Current Draw	0.2mA
RATING	Environment	Pool, Spa, or Fountain
	Compliance	UL 8750 I UL379
	Ambient Operating Temperature Range	- 40 to 60°C
DIMENSIONS	Length A	8.71"
	Width B	4.56"
	Height C	1.86"
Net. Weight		3.5 lbs

*At max load

General Wiring Diagram



Dimensions



Ordering Code

MODEL		INPUT CONTROL		ENVIRONMNET		POWER		OUTPUT
	–		–		–		–	
PS-Power Supply, 120-277VAC		UNI-0-10V, Phase Dimming		PR-Pool Rated		96-96 Watts		24-24 VDC

0-10V - 1% dimming
MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart

Compatibility:
View a complete list of compatible dimmers on product page (Link)