PS-BA-UNI-D-XX-24 | Basics 0-10V Power Supply

basics by luminii

Features

- IP20 rating for dry and damp location
- Constant voltage output
- Input Voltage: 120-277VAC
- Dimmable with 0-10V and leading/trailing edge dimmers
- Dim-to-off, with minimum dimming percentage: 1%
- Flicker-free dimming
- Cooling by free air convection
- Full protection metal case
- Auto reset breakers, from short circuit, overloading, & over temperature
- 5 year Warranty

c UL us LISTED | FC | RoHS | CLASS 2 TYPE HL | IP20

Technical Information

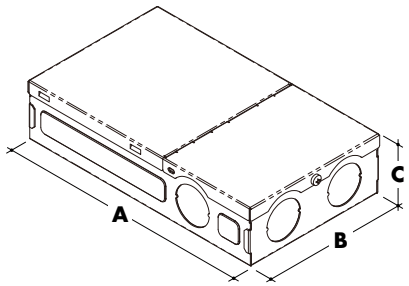
	MODEL	PS-BA-UNI-D-30-24	PS-BA-UNI-D-60-24	PS-BA-UNI-D-96-24
ELECTRICAL	Voltage/Frequency	120-277V AC @ 50/60Hz	120-277V AC @ 50/60Hz	120-277V AC @ 50/60Hz
	Inrush Current	70A @ 277V	80A @ 277V	80A @ 277V
	Power Factor	> 0.94 @ 120~277V*	> 0.94 @ 120~277V*	> 0.94 @ 120~277V*
	Efficiency	0.79 @ 120V* 0.80 @ 277V*	0.84 @ 120V* 0.86 @ 277V*	0.83 @ 120V* 0.86 @ 277V*
	Driver Heat Dissipation	27.21 BTU/hr @ 120V* 25.59 BTU/hr @ 277V*	38.99 BTU/hr @ 120V* 30.59 BTU/hr @ 277V*	67.09 BTU/hr @ 120V* 53.32 BTU/hr @ 277V*
	Max Input Current	0.35A @ 120V 0.17A @ 277V	0.63A @ 120V 0.30A @ 277V	1.05A @ 120V 0.45A @ 277V
	Max Output Power	30W	60W	96W
	Max Output Current	1.25A	2.5A	4.0A
	Output Voltage	24V DC	24V DC	24V DC
	Total Harmonic Distortion	< 20%*	< 20%*	< 20%*
	Start Up Time	< 0.5S*	< 0.5S*	< 0.5S*
	Minimum Load	10%	10%	10%
	Dimming (0-10V)	1% - 100% LINEAR	1% - 100% LINEAR	1% - 100% LINEAR
	Dimming (Phase)	1% - 100% LOG	1% - 100% LOG	1% - 100% LOG
	0-10V Current Draw	0.25mA	0.25mA	0.25mA
RATING	Environment	Dry IP20 I NEMA 1	Dry IP20 I NEMA 1	Dry IP20 I NEMA 1
	Compliance	UL 8750	UL 8750	UL 8750
	Ambient Operating Temperature Range	- 40 to 60°C	- 40 to 60°C	- 40 to 60°C
DIMENSIONS	Length A	6.10″	7.93″	8.29″
	Width B	3.35″	3.35″	4.10″
	Height C	1.33″	1.32″	1.59″
	Net. Weight	1.1 lbs	1.87 lbs	2.2 lbs

*At max load

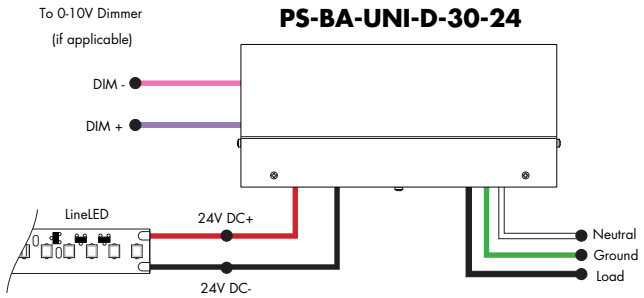
Ordering Code

MODEL		INPUT CONTROL		ENVIRONMENT		WATTAGE		OUTPUT
	–		–		–		–	
PS-BA - Basics Power Supply, 120-277VAC		**UNI** - 0-10V, Phase Dimming		**D** - Dry		**30** - 30 W **60** - 60 W **96** - 96 W		**24** - 24 VDC

Product Dimensions



General Wiring Diagram



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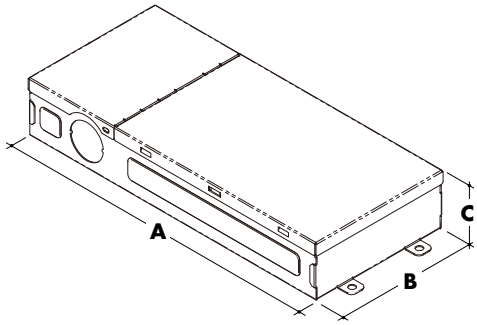

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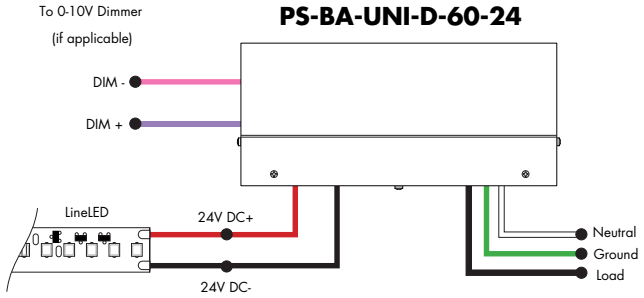

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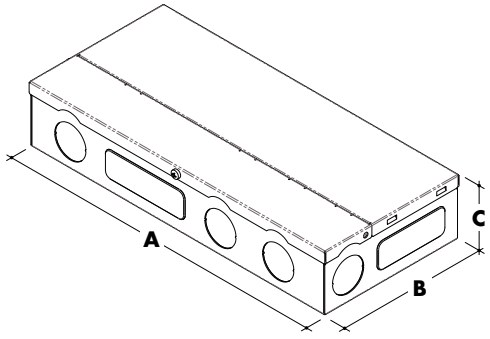
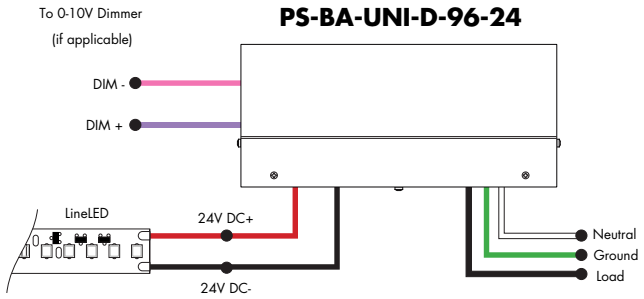
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