



PS-010V-D Family

Basics 0-10V Power Supply



Features

- IP20 rating for dry location only
 - Constant voltage output
 - Input Voltage: 120-277VAC
 - Isolated dimming circuit, dimmable with 0-10V dimmer
 - Dim-to-off, with minimum dimming percentage: 5%
- 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-010V-D-30-24	PS-010V-D-60-24	PS-010V-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*
	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)	5% - 100% LINEAR	5% - 100% LINEAR	5% - 100% LINEAR
	0-10V Current Draw	0.25mA	0.25mA	0.25mA
RATING	Environment	Dry IP20 NEMA 1	Dry IP20 NEMA 1	Dry IP20 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"	7.58"	8.29"
	Width B	3.35"	3.35"	4.10"
	Height C	1.32"	1.32"	1.59"
Net. Weight		1.1 lbs	1.84 lbs	2.2 lbs

*At max load

Ordering Code

MODEL

PS - Power Supply, 120-277VAC

-

INPUT CONTROL

010V - 0-10V Dimming

-

ENVIRONMENT

D - Dry

-

WATTAGE

30 - 30 W
60 - 60 W
96 - 96 W

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OUTPUT

24 - 24 VDC

0-10V - 5% dimming

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

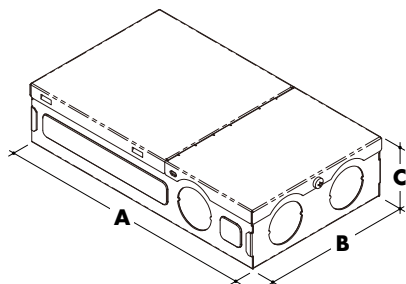


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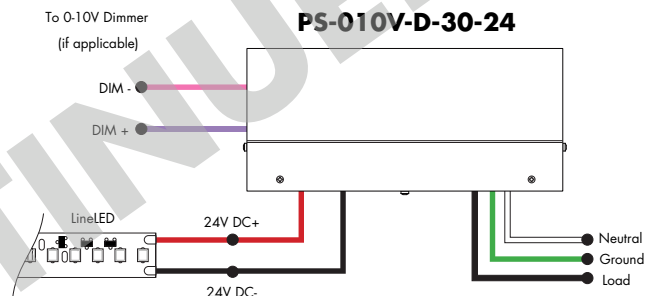
Basics 0-10V Power Supply

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by luminii

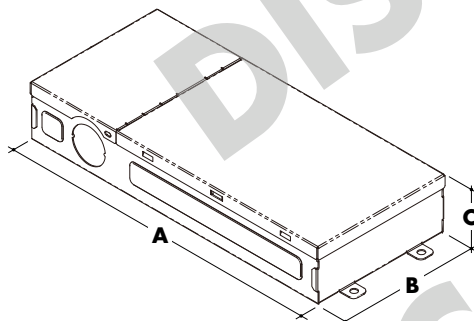
Product Dimensions



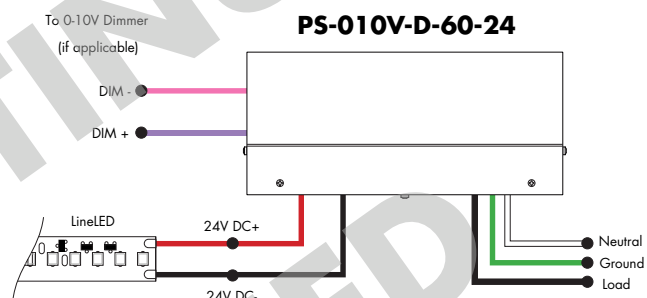
General Wiring Diagram



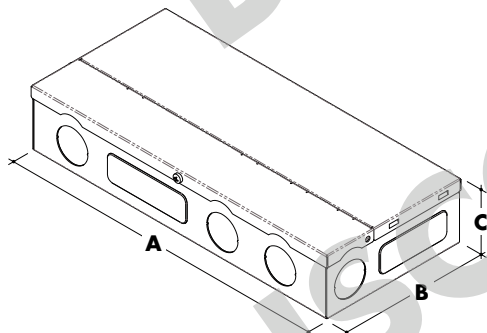
Product Dimensions



General Wiring Diagram



Product Dimensions



General Wiring Diagram

