PS-010V-XX-D-96-24 | VintageDim 0-10V Power Supply

luminii

Features

- Constant voltage output
- Input Voltage 120-277VAC
- Compatible with 0-10V Dimmers
- Flicker-free dimming
- Cooling by free air convection

- Full protection metal case
- Auto reset breakers, from short circuit, overloading, & over temperature
- Suitable for Dry location
- 5 year Warranty

Patent Number US10278251B1 c(UL)us LISTED FC RoHS IP20

Technical Information

MODEL	PS-010V-XX-D-96-24
ELECTRICAL	
Voltage/Frequency	120-277V AC @ 50/60Hz
Inrush Current	100A @ 277V
Power Factor	> 0.94 @ 120~277V*
Efficiency	0.90 @ 120V 0.92 @ 277V
Max Input Current	1.00A @ 120V 0.44A @ 277V
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 (VintageDim)	0% - 100%
0-10V Current Draw	1.5mA
RATING	
Environment	Dry IP20
Compliance	UL 8750
Ambient Operating Temperature Range	- 20 to 40°C
DIMENSIONS	
Length A	14.40"
Width B	5.20"
Height C	2.60"
Net. Weight	3.8 lbs

*At max load

General Wiring Diagram
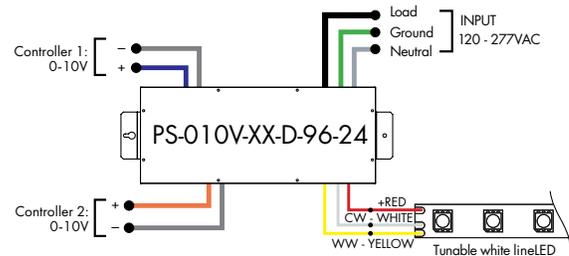
Dimensions
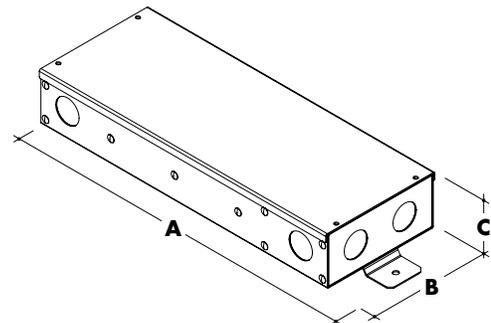
Diming Options

WD	Standard Warm Dim Curve (with Tunable White LED)
TW	Two Channel Control, Brightness and CCT1-CCT2 Ratio
2CH	Two Channel Control, LED1 Brightness and LED2 Brightness
WDX	Customizable Warm Dim Curve (with Tunable White LED)
2CHX	Two Channel Control, Customizable Brightness and CCT1-CCT2 Ratio

Ordering Code

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
	–	–	–	–
PS - Power Supply, 120-277VAC	**010V-WD** - 0-10V Dimming (0.1%), Standard Warm Dim Curve (with Tunable White LED)	**D** - Dry	**96** - 96 Watts	**24** - 24 VDC
	010V-TW - 0-10V Dimming (0.1%), Two Channel Control, Brightness and CCT1-CCT2 Ratio			
	010V-2CH - 0-10V Dimming (0.1%), Two Channel Control, LED1 Brightness and LED2 Brightness			
	010V-WDX - 0-10V Dimming (0.1%), Customizable Warm Dim Curve (with Tunable White LED)			
	010V-2CHX - 0-10V Dimming (0.1%), Two Channel Control, Customizable Brightness and CCT1-CCT2 Ratio			

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Dimming Curves W1X

- ### Custom
  Custom dimming curves are user programmed in conjunction with Android app utilizing NFC chips. For factory programmed custom dimming curves, please refer to ordering code (page1).
  1. W1X=Custom One Channel - Dim to Warm Curve
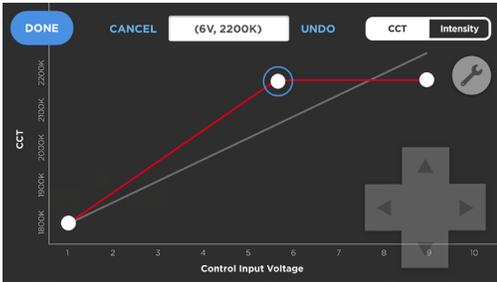
Use app to create custom curve. QR codes below for the app store and the google play below.

App Store
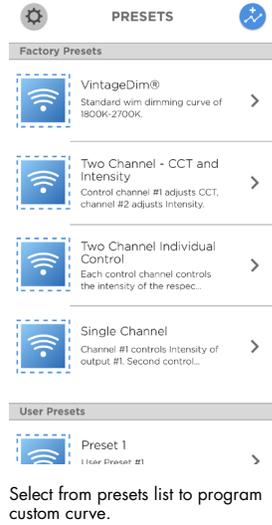
Google Play Store

Optic Arts by Luminii retains all intellectual property rights to custom dimming curves made on our platform.

Select from presets list to program custom curve.

Hold phone over module to program via NFC chip.

Program custom curve.

Dimming Curves W2X

- ### Custom
  Custom dimming curves are user programmed in conjunction with Android app utilizing NFC chips. For factory programmed custom dimming curves, please refer to ordering code (page1).
  1. W2X=Custom Two Channel - Dim1: Intensity; Dim2: CCT
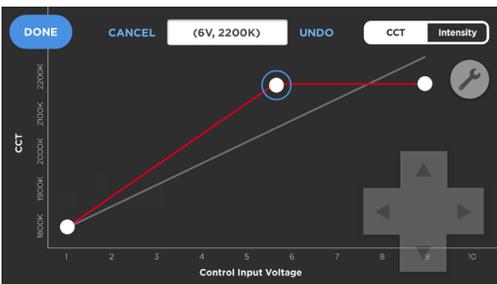
Use app to create custom curve.

Select from presets list to program custom curve.

Hold phone over module to program via NFC chip.

Program custom curve.