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

## 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**

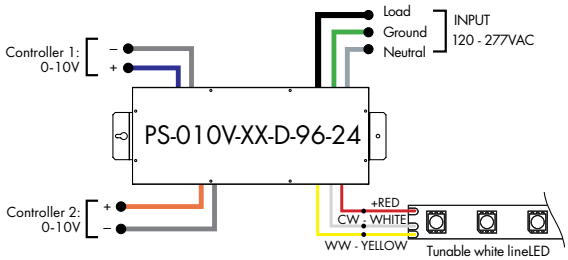
IP20

## Technical Information

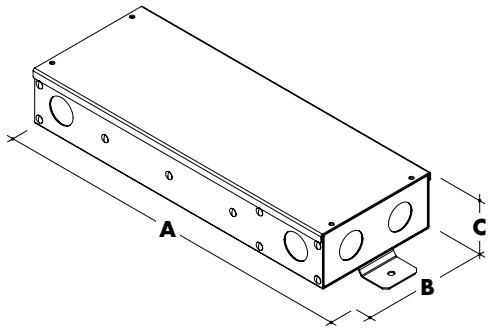
| | MODEL | PS-010V-XX-D-96-24 |
|---|---|---|
| ELECTRICAL | Voltage/Frequency | 120-277V AC @ 50/60Hz |
| | Inrush Current | 100A @ 277V |
| | Power Factor | > 0.94 @ 120~277V* |
| | Efficiency | 0.90 @ 120V<br>0.92 @ 277V |
| | Driver Heat Dissipation | 36.39 BTU/hr @ 120V*<br>28.48 BTU/hr @ 277V* |
| | Max Input Current | 1.00A @ 120V<br>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 IP40 |
| | Compliance | UL 8750 |
| | Ambient Operating Temperature Range | - 20°C 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) |

## Ordering Code

| MODEL | | INPUT CONTROL[1] | | ENVIRONMENT | | WATTAGE | | OUTPUT |
|---|---|---|---|---|---|---|---|---|
| | – | | – | | – | | – | |
| PS - Power Supply, 120-277VAC | | 010V-WD - 0-10V Dimming (0.1%), Standard Warm Dim Curve (with Tunable White LED)<br>010V-TW - 0-10V Dimming (0.1%), Two Channel Control, Brightness and CCT1-CCT2 Ratio<br>010V-2CH - 0-10V Dimming (0.1%), Two Channel Control, LED1 Brightness and LED2 Brightness<br>010V-WDX - 0-10V Dimming (0.1%), Customizable Warm Dim Curve (with Tunable White LED) | | D - Dry | | 96 - 96 Watts | | 24 - 24 VDC |

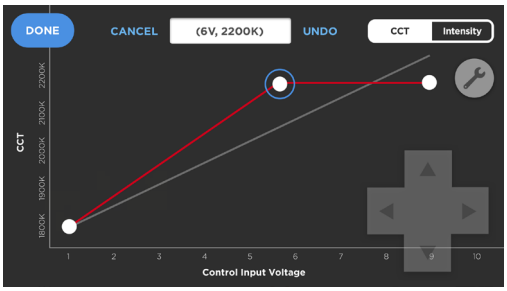
1 - Customer needs to provide the desired custom CCT range required for order

## Dimming Curves WDX

- 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. WDX=Custom One Channel - Dim to Warm Curve



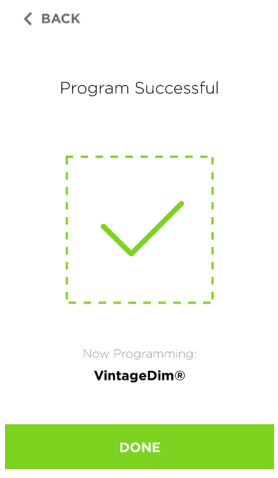

Use app to create custom curve. QR codes below for the app store and the google play below.

App Store

Google Play Store

Select from presets list to program custom curve.

Hold phone over module to program via NFC chip.




Program custom curve.

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