

Simplicity[®] LED Controller
for use with
Compatible 0-10 VDC LED Drivers
120V and 277V



Hunt Control Systems Inc.
 200 Rome Court
 Fort Collins CO 80524

	<u>120V</u>	<u>277V</u>
Model:	PS-LED-010-120V	PS-LED-010-277V
	PS-LED-010-3W-120V	PS-LED-010-3W-277V

Features:

- Continuous, flicker-free dimming control from 100% to 1%.
- Operates compatible 0-10VDC LED drivers.
- Specification-grade, preset design.
- Standard designer-style faceplate, included. (Screwless faceplate, optional.)
- Available in Ivory, White (standard colors), Brown, Black, or Gray (custom colors).
- Limited one-year warranty.

Tel: (970) 484-9048

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huntdimming.com

Specifications:

- Easy-to-operate, smooth-sliding linear control and switch.
- Preset slide control - strap mount.
- Available in single-pole or 3-way.
- Fits in a standard 2" deep single gang switchbox.
- The HUNT *Simplicity*[®] LED controller can control a maximum input current of 8.5 amps (120V) or 3.7 amps (277V) for 0-10VDC applications.

Compatible 0-10VDC LED Drivers Include:

OSRAM Sylvania Optotronic	Powerbox
Advance Xitanium	Lighting Science
Renaissance Lighting	Power Vector

Dimensions:

Front piece dimensions: 2 3/4" X 4 1/2".
 Back box dimensions: 1 5/8" X 2 5/8" X 1 3/8".

Dimming.

It's all we do.
 Since 1960.

Note: All 3-way controls require a standard 3-way toggle switch to complete the circuit.

Installation and Wiring Instructions for HUNT *Simplicity*[®] LED Controller, Model *PS-LED-010* Single Pole and 3-Way 120V, 60Hz

This controller is designed for control of permanently installed, *compatible LED Drivers* only.

Caution:

To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance, or a transformer-supplied appliance.

Avertissement:

Pour réduire le risque de surchauffes et les dommages possibles à l'autre équipement, ne pas installer pour contrôler une prise ou un appareil moteur-fonctionné.

Read Carefully Before Installing Controller:

1. To avoid fire, personal injury, and/or damage to controller, turn power *OFF* at circuit breaker and test that power is *OFF* before wiring.
2. Use this device with copper or copper-clad wire only.
3. When installing a 3-way controller, use only one controller and one standard 3-way switch per circuit. Never attempt to use two controllers in the same circuit.

Application Information:

1. The Low-Voltage wires (violet + gray) from the HUNT *PS-LED-010* must be run in separate conduit from the wires for the Line-Voltage. Article 725-54 of the National Electric Code requires segregation between line-voltage and Class 2 circuits. Therefore, in the installation, conductors of each circuit shall be separated by at least 1/4 in. or segregated by barriers.
2. The total run length of the Low-Voltage wiring (# 18 AWG) should not exceed 500 feet. In circumstances where the Low-Voltage wiring run length is extremely long and/or electrical noise or interference is present, conduit or shielded cable should be used for proper performance of the controller and driver.
3. This controller is for use with the following LED drivers:

Manufacturer	Name	Model
OSRAM Sylvania	Optotronic	OT Dim, OT RGB Dim, OT RGB Sequencer
Advance Transformer	Xitanium	25W LED Dimming Driver
Power Vector	Trinity 6	Trinity 6

(Additional LED drivers may also be compatible with this controller. Call HUNT to verify compatibility.)

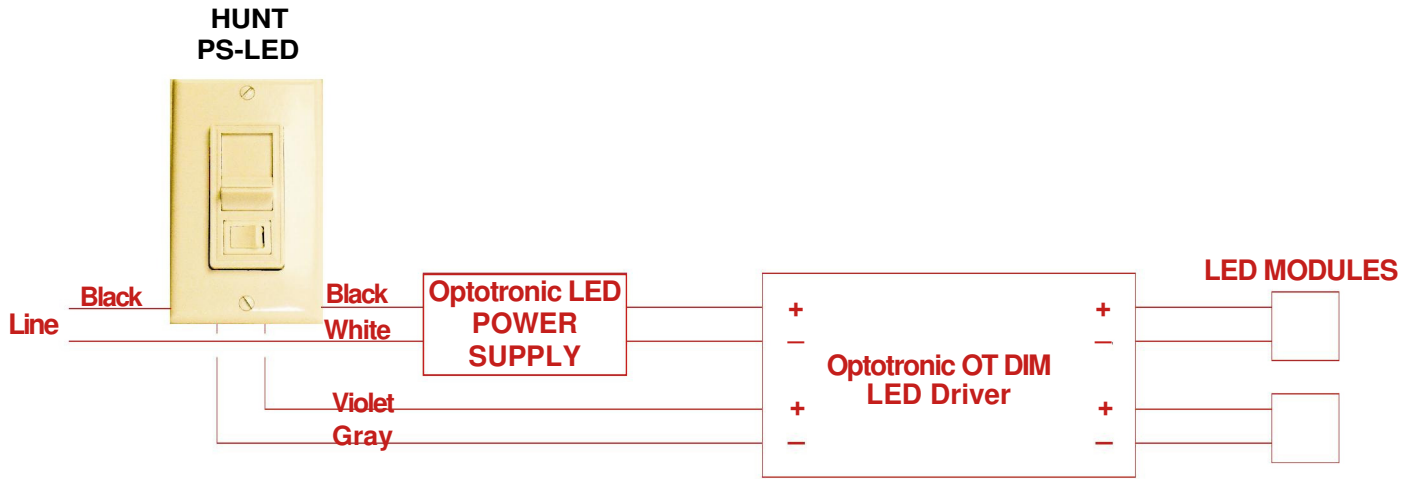
Note: The maximum input current of the HUNT *PS-LED-010* is 8.5 amps (120V).

Wiring Diagrams: See reverse side.

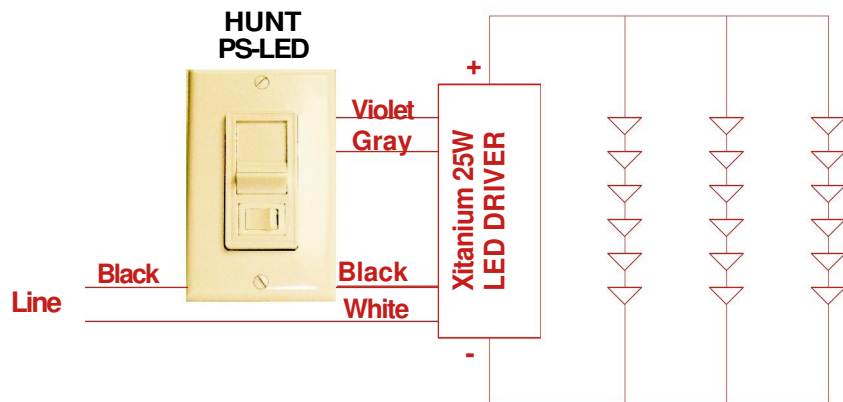
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HUNT PS-LED 120V & 277V Controller Typical Wiring Installation

Typical OSRAM™ Optotronic Installation:



Typical Advance Xitanium™ Installation:



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