

***Simplicity<sup>®</sup> LED Controller***  
**for use with**  
**Compatible Phase-Controlled LED Drivers & Lamps**  
**120V and 277V**



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

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

**Features:**

- Continuous, flicker-free dimming control from 100% to 1%.
- Operates compatible Phase-Control LED drivers & lamps.
- 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<sup>®</sup>* LED controller can control a maximum input current of 5.0 amps (120V) or 2.2 amps (277V) for Phase-Control applications.

**Compatible Phase-Controlled LED Drivers & Lamps Include:**

CREE	Liton
Lightech	Philips

**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".

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

**Dimming.**

It's all we do.

Since 1960.

## Installation and Wiring Instructions for HUNT *Simplicity*<sup>®</sup> LED Controller, Model *PS-LED-PC* Single Pole and 3-Way 120V, 60Hz

This dimmer 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. For supply connections, use wire rated for at least 75° C.

### **Avertissement:**

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

### **Read Carefully Before Installing Dimmers:**

1. To avoid fire, personal injury, and/or damage to dimmer, 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. Observe maximum number of drivers per dimmer, not to exceed a total of 5.0 amps (600 watts at 120V).
4. When installing a 3-way dimmer, use only one dimmer and one standard 3-way switch per circuit. Never attempt to use two dimmers in the same circuit.

### **Application Information:**

This dimmer is for use with the following LED drivers:

Manufacturer	Models
Cree	CR6, LR6, LR6-DR1000
Lightech	18, 26, or 36 Series
Liton	- DIN
Philips	EnduraLED

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

**Note:** The HUNT *PS-LED-PC* LED dimmer has a maximum control wattage of 600W, and a maximum input current of 5.0 amps in a single-gang application, which must include both LED driver and lamp loads as well as a derating factor to account for the LED driver in-rush current. Minimum loads are required for proper functioning of the dimmer. Small load applications may experience a high-end voltage drop and/or require a field trim adjustment. If units are being ganged together, additional derating is necessary. Double-ganged units have a maximum input current of 4.5 amps (540W); and triple-ganged units have a maximum input current of 4.0 amps (480W).

**Wiring Diagrams:** See reverse side.

### **Hunt Control Systems, Inc.**

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U.S.A.

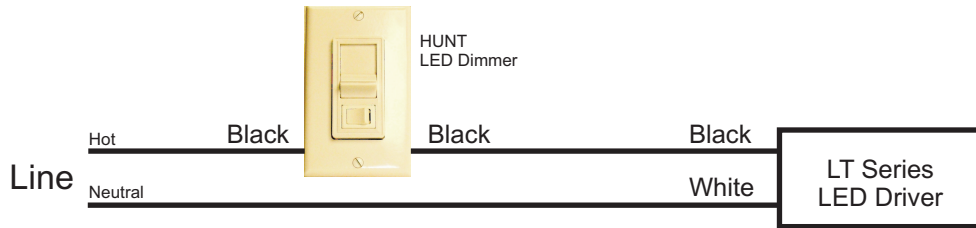
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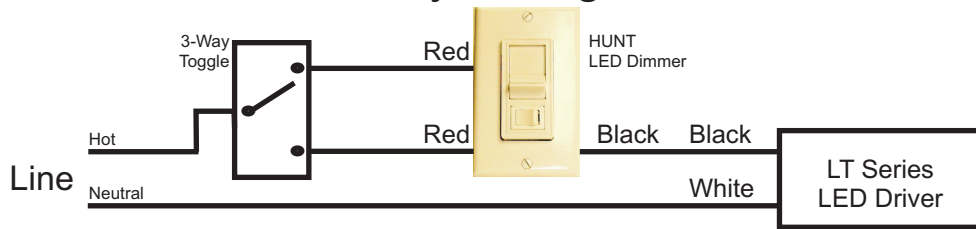
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## HUNT PS-LED-PC 120V & 277V Controller Typical Installation Wiring

### Single-Pole Wiring



### 3-Way Wiring



### Typical Lightech Phase Control LED Driver Installation:

