

### Lutron 0–10 V<sub>DC</sub> Wallbox Controls with a Power Pack and Wired Occupancy Sensor

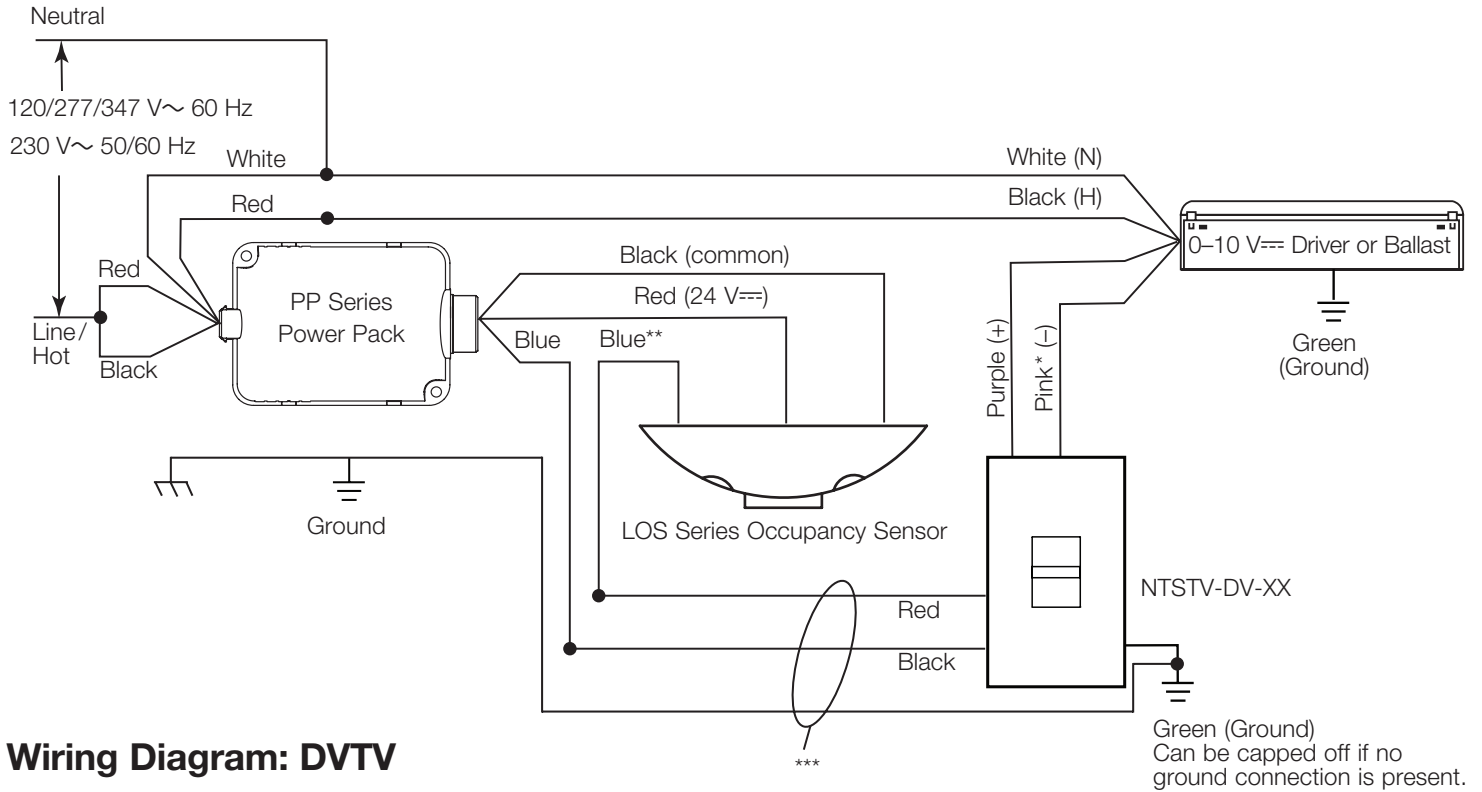
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The NTSTV-DV and DDTV are 0–10 V<sub>DC</sub> controls for compatible 0–10 V<sub>DC</sub> LED drivers and fluorescent ballasts. This guide demonstrates how to wire a Lutron occupancy sensor with the NTSTV-DV or DDTV in the same installation.

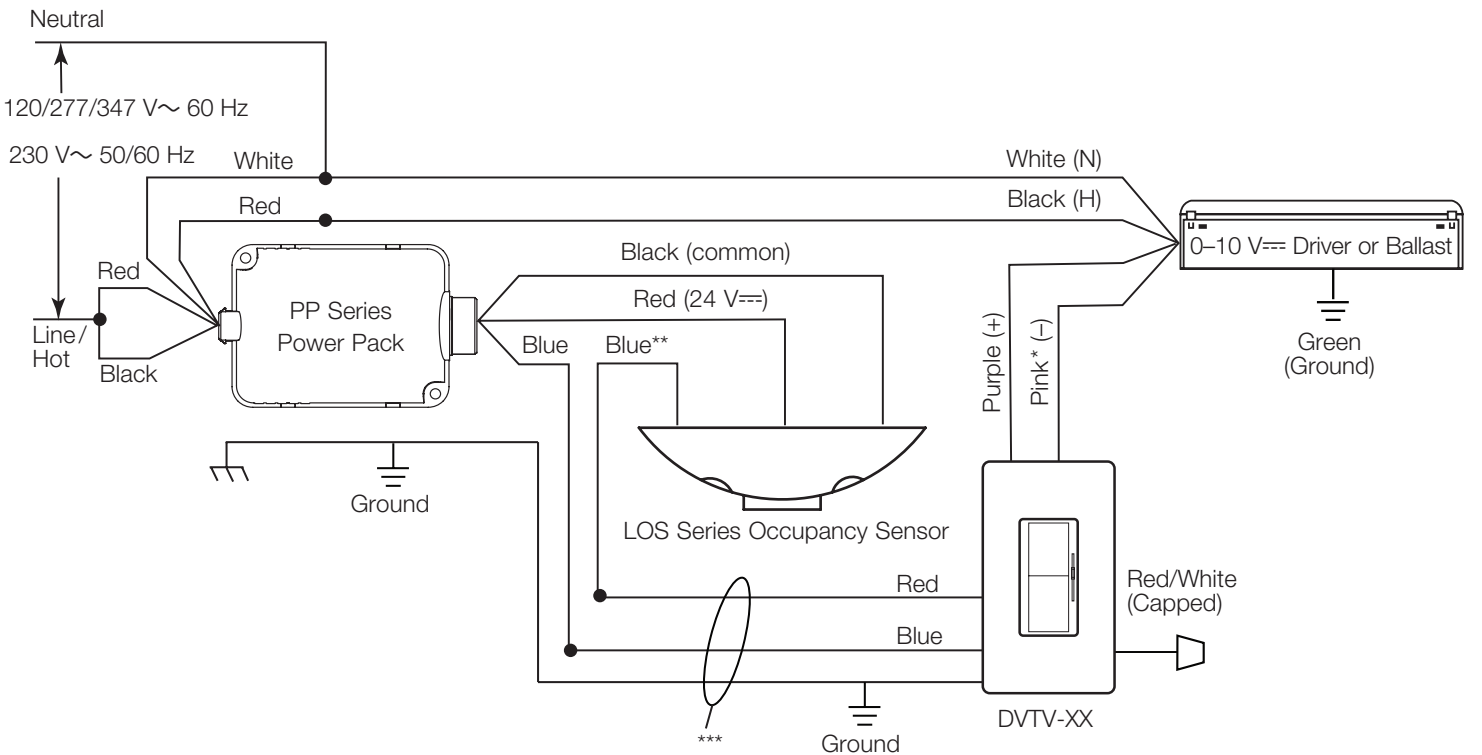
#### Notes:

- Requires the use of a Lutron PP Series power pack (e.g., PP-DV or PP-347H).
- If the dimmer is in the OFF position, the occupancy sensors will NOT turn the lights on when the room becomes occupied.
- If the dimmer is in the ON position, the occupancy sensor will turn the lights ON to the last set level when the room becomes occupied.
- If the occupancy sensor turns the lights OFF due to time-out and the dimmer remains in the ON position, the occupancy sensor will return the lights to the last set level once the room becomes occupied.
- Must use a shielded cable with drain grounded and grounded faceplate/yoke in Class 2 installations.
- The following wiring installation is valid for Lutron LOS-CIR, LOS-CUS, LOS-CDT, LOS-WIR and LOS-WDT series occupancy sensors

## Wiring Diagram: NTSTV-DV



## Wiring Diagram: DDTV



\* This wire/terminal may be gray on older products or in retrofit applications.

\*\* For LOS-CDT-500R-WH, LOS-CDT-1000R-WH, LOS-CDT-2000R-WH, and LOS-WDT-R-WH models: Use the pink\* wire instead of the blue wire to use the photo cell option. The photo cell option prevents the lights from turning on when there is sufficient natural light and is available only with these -R models. These models also contain a separate relay output (yellow/white, black/white, and blue/white wires) that is not needed for this installation.

\*\*\* Must use a shielded cable with drain grounded and grounded faceplate/yoke.

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## Lutron Contact Numbers

### WORLD HEADQUARTERS

**USA**  
**Lutron Electronics Co., Inc.**  
**7200 Suter Road**  
**Coopersburg, PA 18036-1299**  
TEL: +1.610.282.3800  
FAX: +1.610.282.1243  
Customer Assistance:  
1.844.LUTRON1  
support@lutron.com  
www.lutron.com/support

### North & South America

**Customer Assistance**  
**USA, Canada, Caribbean:**  
1.844.LUTRON1 (1.844.588.7661)  
**Mexico:**  
+1.888.235.2910  
**Central/South America:**  
+1.610.282.6701

### EUROPEAN HEADQUARTERS

**United Kingdom**  
**Lutron EA Limited**  
**125 Finsbury Pavement**  
**4th floor, London EC2A 1NQ**  
**United Kingdom**  
TEL: +44.(0)20.7702.0657  
FAX: +44.(0)20.7480.6899  
FREEPHONE (UK): 0800.282.107  
Technical Support: +44.(0)20.7680.4481  
lutronlondon@lutron.com

### ASIAN HEADQUARTERS

**Singapore**  
**Lutron GL Ltd.**  
**390 Havelock Road**  
**#07-04 King's Centre**  
**Singapore 169662**  
TEL: +65.6220.4666  
FAX: +65.6220.4333  
Technical Support: 800.120.4491  
lutronsea@lutron.com

### Asia Technical Hotlines

Northern China: 10.800.712.1536  
Southern China: 10.800.120.1536  
Hong Kong: 800.901.849  
Indonesia: 001.803.011.3994  
Japan: +81.3.5575.8411  
Macau: 0800.401  
Taiwan: 00.801.137.737  
Thailand: 001.800.120.665853  
Other Countries: +65.6220.4666