

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

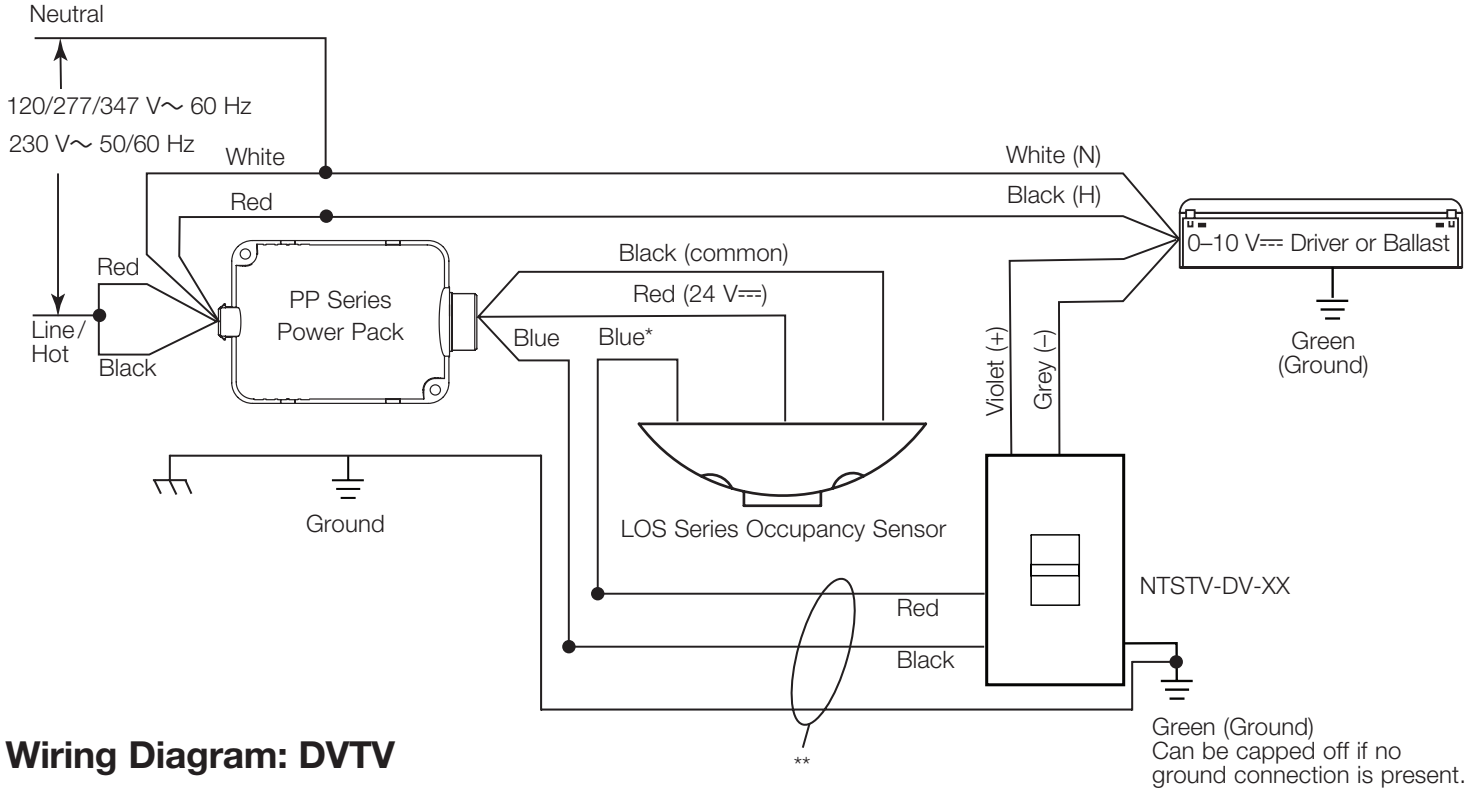
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The NTSTV-DV and DDTV are 0–10 V<sub>DC</sub> controls for compatible 0–10 V<sub>DC</sub> LED drivers and fluorescent ballasts. This guide demonstrates how to wire a Lutron occupancy sensor with the NTSTV-DV or DDTV in the same installation.

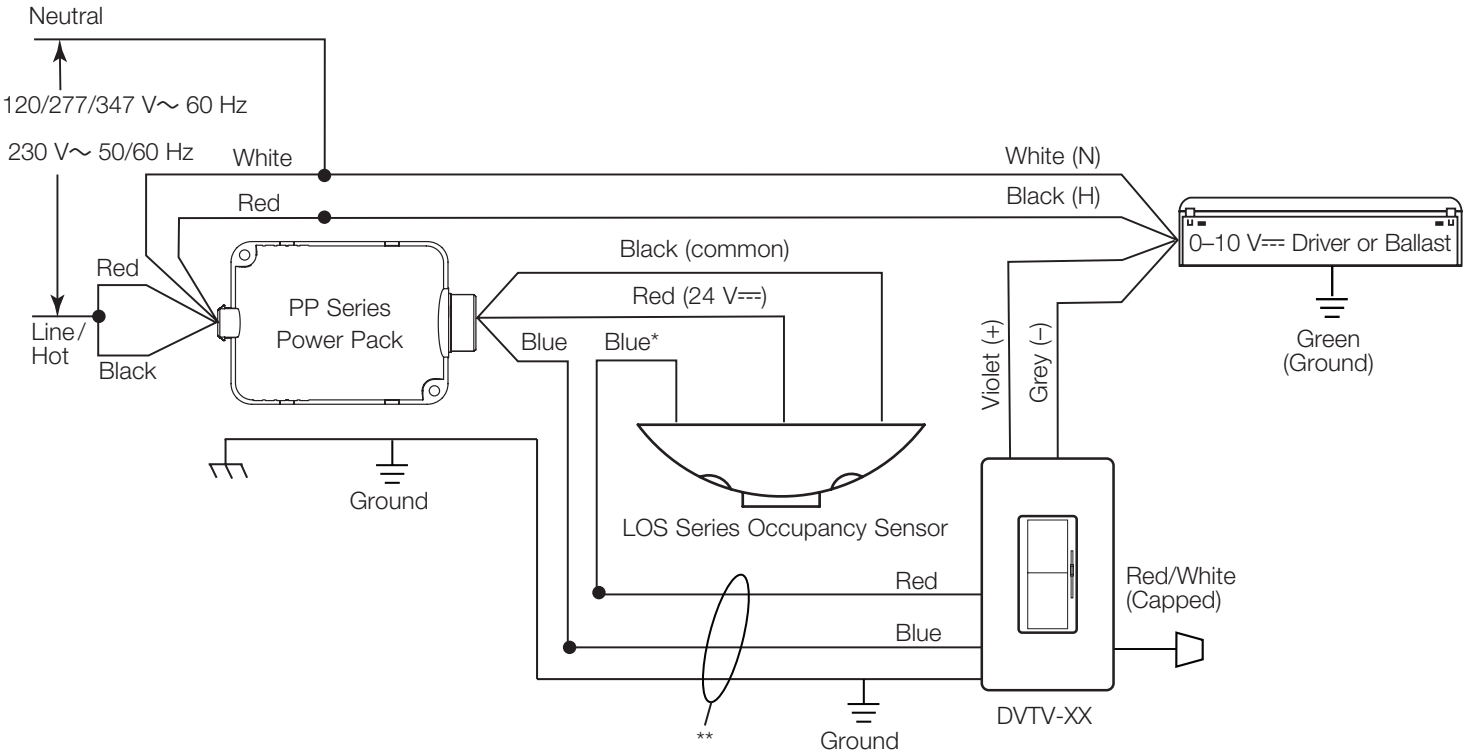
#### Notes:

- 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



\* For LOS-CDT-500R-WH, LOS-CDT-1000R-WH, LOS-CDT-2000R-WH, and LOS-WDT-R-WH models: Use the gray 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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