

## OF-P01.1 Small Private Office: occupancy sensing • bi-level switching • plug load control

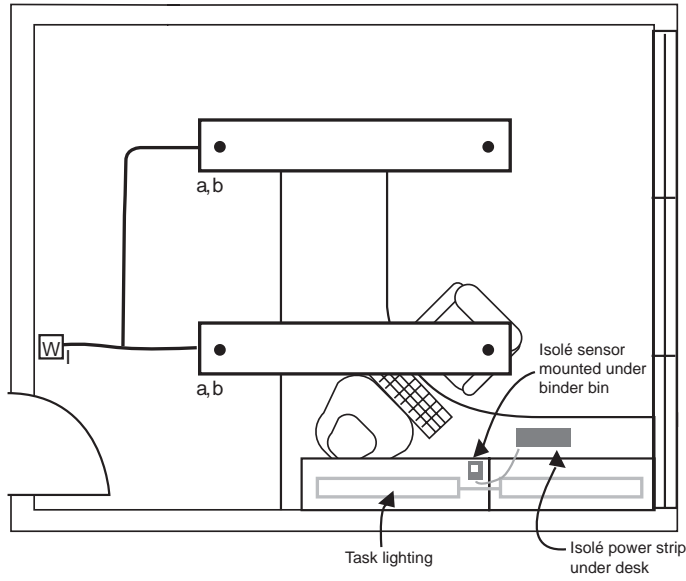
Control Needs	Solution	Application Description
Automatically turn lights ON/OFF based on occupancy	Wall-mounted passive infrared dual relay wall switch sensor (WI-300)	Space use: Office activities such as reading, computer work
Manual override ON/OFF	Wall-mounted passive infrared dual relay wall switch sensor (WI-300)	Dimensions: 10' x 12'
Bi-level switching	Tandem-wired ballasts and dual relay wall switch sensor (WI-300)	Ceiling height: 10'
Hold OFF 50% lighting upon available daylight	Secondary relay in dual relay wall switch sensor (WI-300)	Windows: Windows along one wall providing view to exterior
Occupancy-based control of workstation plug loads	Isolé power strip with personal sensor	Window blinds: Horizontal blinds

### Lighting

Pendant mounted 4' luminaires, using 3 T8 lamps and 2-lamp tandem-wired electronic ballasts.

### Design Considerations

The WI-300 automatic wall switch sensor is used to automatically turn lights off when the office is unoccupied, and turn lights on upon occupancy. The sensor installs in place of a standard wall switch. It must have a clear view of occupants at the workspace and cannot be blocked by furniture such as file cabinets. Dual auto-off buttons, allow the user to manually turn on and off each of 2 loads, providing bi-level control. The WI-300's built-in light level sensor only affects the secondary relay. If adequate daylight is present, the sensor will hold secondary lights off until natural light levels drop. The Isolé plug load control is used at the workstation for turning off plug loads (including task lighting) when the office is unoccupied. The personal sensor is mounted to the underside of the binder bin, so that it is not facing the door, and is facing the primary work area.

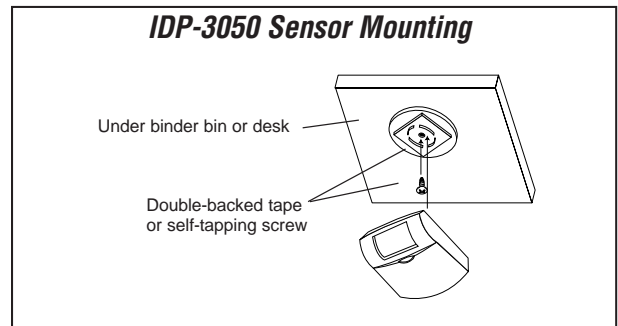
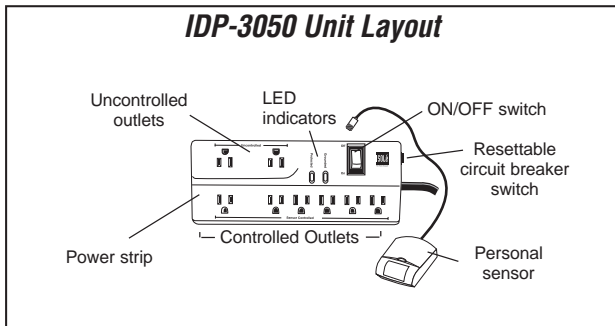
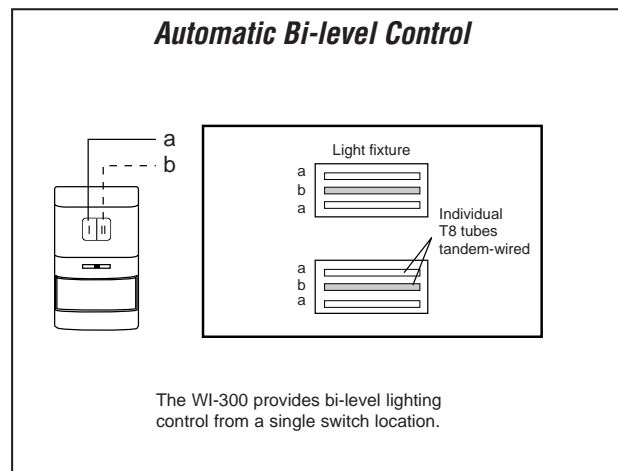
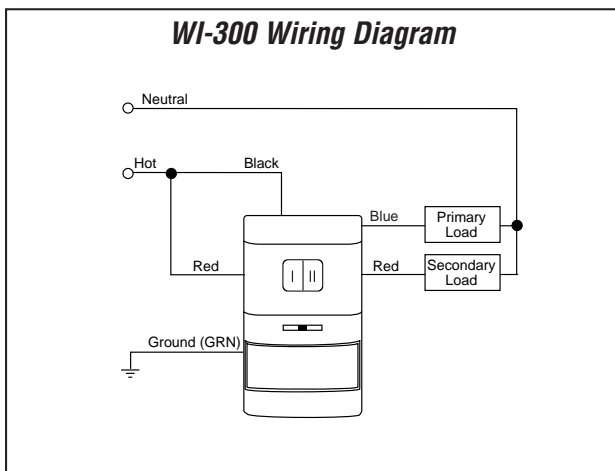


LEGEND	
WI-300 dual relay automatic wall switch	Pendant luminaire
Isolé power strip	Line voltage wiring
Isolé personal sensor	



## OF-P01.1 Installation Notes

1. Install WI-300 dual relay PIR wall switch next to door facing occupant workspace so the lens view is not blocked.
2. WI-300 is shipped with a factory preset time delay of 30 minutes and with sensitivity setting at maximum. Refer to installation instructions if adjustments are necessary.
3. Isolé IDP-3050's power strip is mounted under the desk. The personal sensor is mounted under the binder bin.
4. Isolé IDP-3050's personal sensor is shipped with a factory preset time delay of 30 minutes, the recommended setting.
5. Plug only the Isolé personal sensor into the power strip's sensor jack – otherwise, damage may result.
6. Plug task lighting, monitors, and other devices into the controlled outlets. Plug items to remain on all day (computer CPUs) into uncontrolled outlets.



## Equipment Schedule

Catalog No.	Qty	Description
WI-300	1	Automatic wall switch, passive infrared technology, 120/277 VAC, 60 Hz, dual relays
IDP-3050-A	1	Isolé eight outlet power strip with auto-ON personal sensor