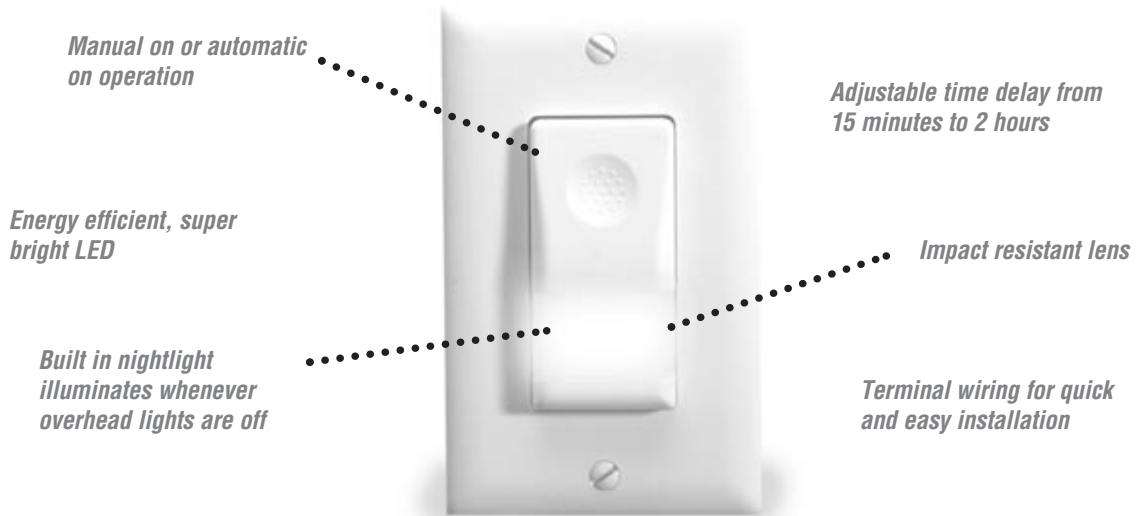




# WN-100 Motion Sensor Nightlight



*Manual on or automatic on operation*

*Adjustable time delay from 15 minutes to 2 hours*

*Energy efficient, super bright LED*

*Impact resistant lens*

*Built in nightlight illuminates whenever overhead lights are off*

*Terminal wiring for quick and easy installation*

## Product Overview

### Description

The WN-100 is a motion sensing wall switch and nightlight that controls lighting based on occupancy. The WN-100's nightlight remains on when lights are off, providing constant illumination and energy savings from reduced usage of overhead lighting.

### Operation

The WN-100 uses passive infrared (PIR) technology to detect occupancy. Detection occurs when the WN-100 senses the difference between infrared energy from a human being in motion and the background space. The WN-100 is factory set to manual-ON operation, where users turn lights on by pressing the ON/OFF button. Because in many cases, the nightlight provides ample illumination, manual-ON operation eliminates the potential for unnecessary use of overhead lighting, maximizing energy savings. However, the WN-100 can be set to automatic-ON, where lights turn on automatically when the space is occupied. The WN-100 automatically turns lights off after a space becomes vacant and a preset time delay elapses.

### Nightlight

The WN-100 incorporates a unique nightlight that illuminates whenever lights are off. The nightlight uses LED technology which consumes only a marginal amount of energy. The nightlight provides a convenience to occupants who might otherwise leave lights on throughout the night. When necessary, this feature can be disabled.

### Applications

The WN-100 was primarily designed for use in hotel guest bathrooms, but can also be used in other spaces, including military housing and healthcare facilities. The nightlight feature is a highly energy efficient method for illuminating a space, providing convenience and safety to occupants. Furthermore, in hotels, guests will receive constant nightlighting and will no longer need, or be able, to leave their bathroom lights on all night, resulting in energy savings.

## Features

- Built-in nightlight illuminates room whenever overhead lights are off
- Energy efficient, super-bright LED saves energy and enhances occupant comfort
- The Watt Stopper's Zero Crossing Circuitry reduces stress on the relay and results in increased sensor life
- Manual-ON or automatic-ON operation
- Convenient push button programming
- Adjustable time delay from 15 minutes to 2 hours
- Contractor-friendly terminal wiring eliminates the need for twist connectors, making installation quicker and easier
- Impact resistant hard lens and tamper resistant design helps prevent vandalism
- For safety, no leakage to load in the OFF mode





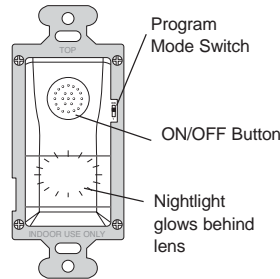
# WN-100 Technical Information

## Specifications

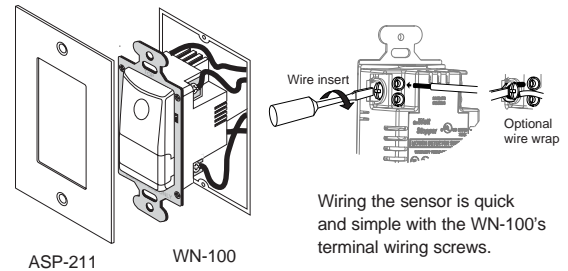
- 120 VAC, 60 Hz
- Coverage of 180°, maximum 300 sq ft
- Compatible with 0-500 W incandescent, fluorescent and compact fluorescent loads
- Adjustable time delay of 15 minutes, 30 minutes, 1 hour and 2 hours
- 1.0 mm hard, poly IR 2 lens; 2 level lens for superior small movement detection
- Dimensions: 2.63" x 1.69" x 1.88" (67mm x 43mm x 49mm) L x W x D
- Five year warranty; UL and CUL listed

## Installation & Wiring

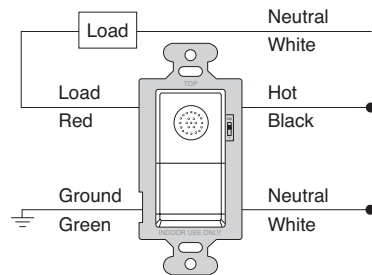
### Product Controls



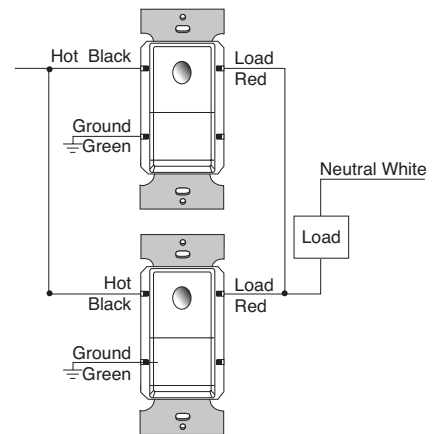
### Installation & Wire Connections



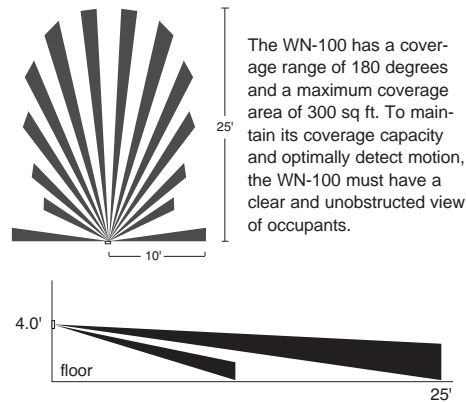
### Single Level Lighting



### Three-way Lighting



## Coverage



### Programming

Mode Selections:		
Flashes	Time Delay	Mode
⊙	1 hour *	Manual-On
⊙⊙	2 hours	Manual-On
⊙⊙⊙	30 minutes	Manual-On
⊙⊙⊙⊙	15 minutes	Manual-On
⊙⊙⊙⊙⊙	15 minutes	Automatic-On

\* Factory default

## Ordering Information

Catalog No.	Voltage	Load Requirement	Coverage
WN-100	120 VAC; 60 Hz	0-500W incandescent, fluorescent and compact fluorescent	up to 300 sq ft, 180°
ASP-211	Cover plate for single-gang box (one included with each sensor)		
ASP-422	Blank cover plate for double-gang box		
ASP-432	Cover plate for double-gang box with switch option		