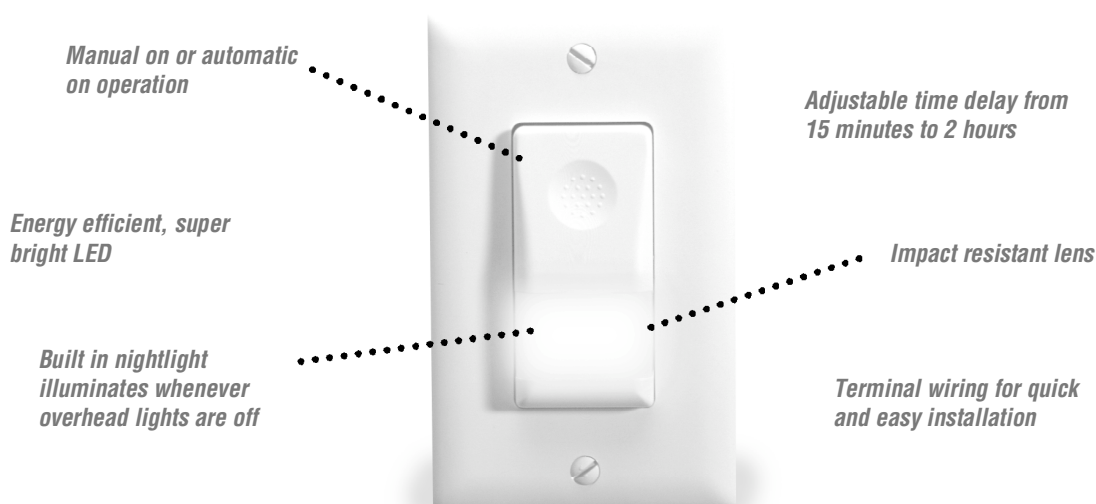




WN Motion Sensor Nightlight



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, the nightlight feature can be disabled.

Applications

The WN-100 is 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



www.wattstopper.com
800.879.8585



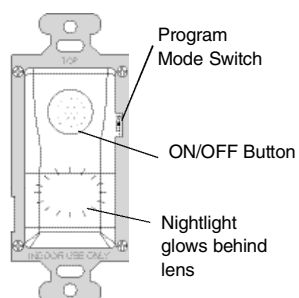
WN-100 Technical Information

Specifications

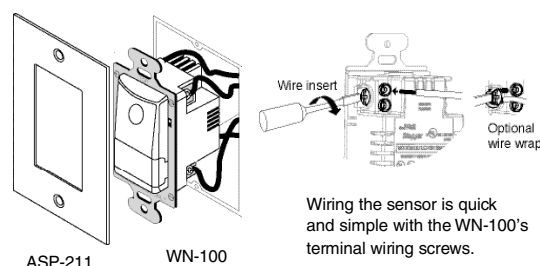
- 120 VAC, 60 Hz or 277 VAC, 60 Hz
- Coverage of 180°, maximum 300 sq ft (28 m²)
- Compatible with 0-500 W (120 VAC) and 0-1200 W (277 VAC) incandescent, fluorescent and compact fluorescent loads
- Adjustable time delay of 15 minutes, 30 minutes, 1 hour and 2 hours
- 1.0 mm hard, poly IR 2 lens; 2 level 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

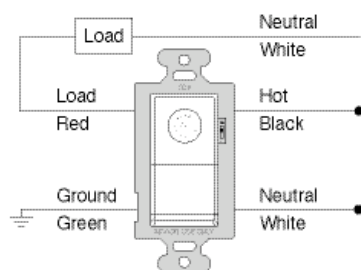
Product Controls



Installation & Wire Connections



Single Level Lighting



Programming

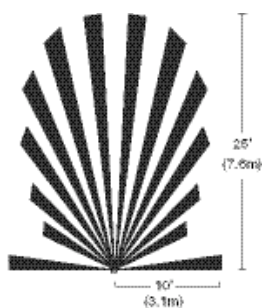
Mode Selections:

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

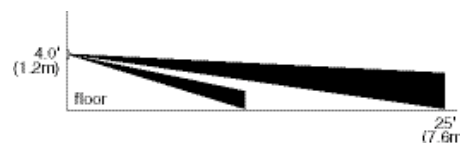
* Factory default

The time delay for the WN is made via simple push button programming. In Program Mode, the LED (behind the lens) flashes to indicate the time delay setting.

Coverage



The WN-100 has a coverage range of 180 degrees and a maximum coverage area of 300 sq ft (28 m²). To maintain its coverage capacity and optimally detect motion, the WN-100 must have a clear and unobstructed view of occupants.



Ordering Information

Catalog No.	Voltage	Load Requirement	Coverage
WN-100-120	120 VAC; 60 Hz	0-500W incandescent, fluorescent and compact fluorescent	up to 300 sq ft (28 m ²), 180°
WN-100-277	277 VAC; 60 Hz	0-1200W incandescent, fluorescent and compact fluorescent	up to 300 sq ft (28 m ²), 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		

Add to the end of the catalog number: -W for white, -I for ivory, -A for light almond