



# LIGHTHAWK2 NIGHT LIGHT PIR WALL SWITCH SENSOR

Wall Switch Occupancy Sensors



Whether used for code compliance or for mere convenience, the LightHAWK®2 Night Light Wall Switch Sensor combines passive infrared (PIR) technology with the added safety and comfort of a night light. Ideal for use in the hospitality industry, this sensor has a coverage area of up to 1,000 square feet and 180° of detection and is ready to use anywhere a little extra light would make all the difference.

LHIR sensors feature Hubbell Controls' patented IntelliDAPT™ technology, which makes all the sensor adjustment decisions automatically. Throughout the product's lifespan, smart software analyzes the controlled area and makes digital adjustments to sensitivity and timer settings. Occupancy sensors with IntelliDAPT technology provide a maintenance-free install-and-forget operation. With selectable operating modes — automatic On/Off or manual On/automatic Off — and a built-in photosensor for automatic daylight harvesting, LHIRS sensors are the best choice in today's market place.

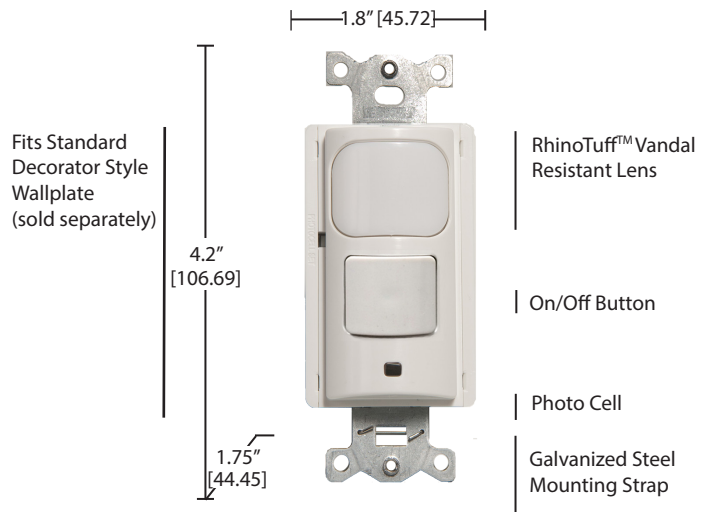
## Product Features

- Digital passive infrared (PIR) sensor
- IntelliDAPT self-adaptive technology—no manual adjustment required
- 1 Relay model for single-level switching
- Occupancy (auto-on) and Vacancy (manual-on) operating modes
- Night Light mounted under lens
- 1,000 square-foot, 180° coverage area
- RhinoTuff™ vandal resistant lens
- 120/277VAC operation
- No minimum load requirement
- Zero Arc Point Switching
- Five-year limited warranty
- 120-277VAC and 347VAC models

## Compliance and Certification



## Dimensional Data



## Ordering Information

LHN-IRS	1			
<b>MODEL</b>	<b>BUTTONS</b>	<b>WIRING</b>	<b>COLOR</b>	<b>MODE</b>
<b>LHN-IRS</b> LightHAWK®2 Night Light Passive Infrared Single Relay	1	<b>N</b> Neutral (120/277V) <b>N347</b> Neutral (347V)	<b>WH</b> White <b>IV</b> Ivory <b>LA</b> Light Almond	<b>(Blank)</b> Switchable Vacancy or Occupancy Mode <b>M</b> Vacancy Mode Only

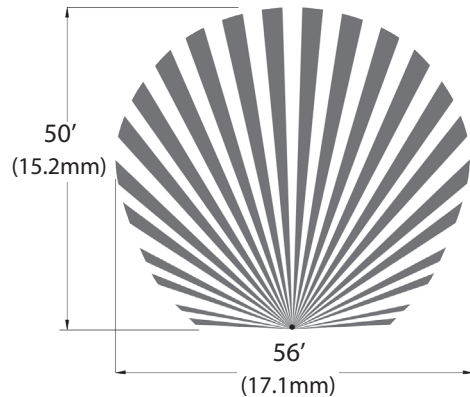


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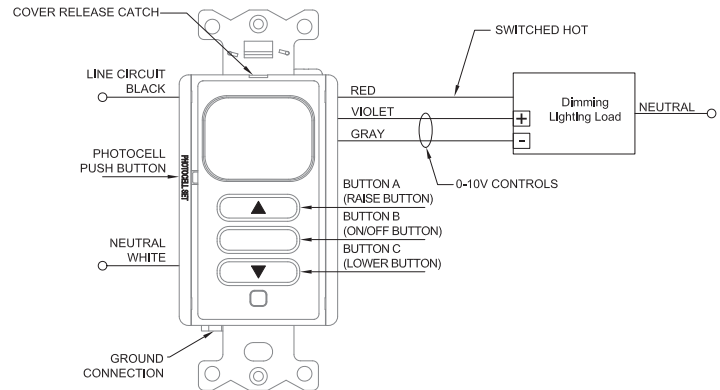
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## Wiring Diagram

### IR Motion



### Single Load Wiring



## General Specifications

IntelliDAPT Technology	Self-adjusting timer Self-adjusting Ultrasonic (US) and passive infrared (PIR) sensitivity Automatic false-on/ false-off corrections No manual adjustments required
Time Delay	Auto mode: 4-30 minutes; self-adjusts based on occupancy Fixed mode: 4, 8, 15, and 30 minutes Test mode: 5 seconds
Passive Infrared (PIR)	Dual-element pyrometer and 12-element cylindrical RhinoTuff lens
Photocell	Natural light override range: 10-500 foot-candles
Coverage	1,000 square-foot, 180° coverage area
Power Requirements	120/277VAC; 50/60Hz 347VAC; 50/60Hz 24VDC (requires UVPP)
Electrical Ratings	120VAC: 800W Incandescent/ Electronic Ballast/ LED Driver: 1,000W Magentic Ballast 1/6 HP Motor 277VAC: 1,800W Magnetic Ballast/ Electronic Ballast/ LED Driver: 1/6 HP Motor 347VAC: 1,500W Magnetic Ballast/ Electronic Ballast/ LED Driver: 1/6 HP Motor
Minimum Load Requirement	None
Operating Environment	Indoor use only Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%
Construction	Casing- high- Impact injection-molded plastic (UL-94-5V) Impact-resistant lens Color- coded leads are 6" (152.4mm) long Wrap-around galvanized steel mounting strap
Dimensions	4.2" H x 1.8" W x 1.75" D; .37" extension (106.69mm H x 44.45mm D; 9.40mm ext.)

Weight [www.securitylighting.com](http://www.securitylighting.com)

2.9 oz (82.21g)

2100 Golf Road, Suite 460, Rolling Meadows, IL 60008-4704

Phone: 1-800-LIGHT IT, 1-800-544-4848 White Ivory Light Almond

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All Rights Reserved. • Specifications subject to change without notice. Single gang NEMA style switch box (standard switch box)

Mounting

Decorator-style wall plate sold separately

