

LightHAWK®2 Night Light PIR Wall Switch Sensor

WALL SWITCH OCCUPANCY SENSORS

TITLE
24
COMPLIANCE



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

Light
HAWK²



LHN-IRS1

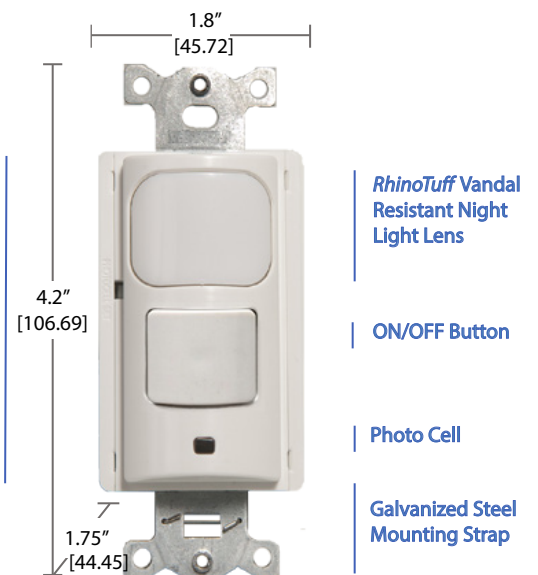
Whether used for code compliance or for mere convenience, the *LightHAWK2* Night Light Wall Switch Sensor combines passive infrared (PIR) technology with the added safety and comfort of a night light. Ideal for use in the hospitality industry, this sensor has a coverage area of up to 1,000 square feet 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.

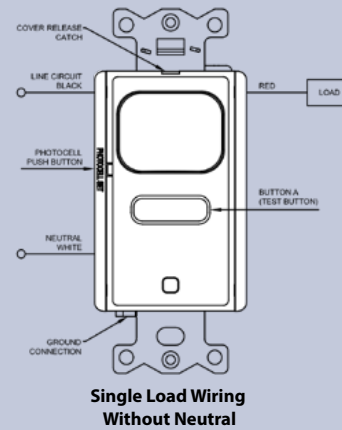
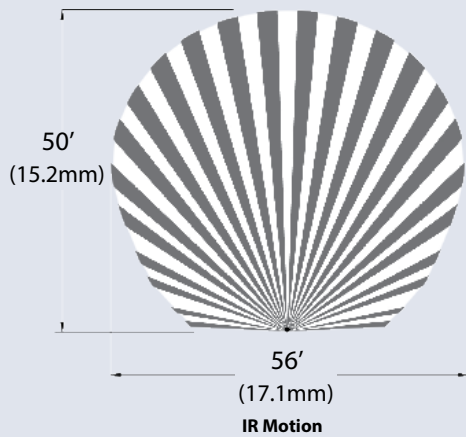
PRODUCT FEATURES

- 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
- 120-277 Vac and 347 Vac models

Fits Standard
Decorator Style
Wallplate
(sold separately)



HUBBELL
Control Solutions



General Specifications

IntelliDAPT® technology	Self-adjusting timer Self-adjusting 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
Electrical Ratings	120VAC: 800W Incandescent/ Electronic Ballast/ LED Driver 1,000W Magnetic 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 Requirements	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" long (152.4mm) Wrap-around galvanized steel mounting strap
Dimensions	4.2" H x 1.8" W x 1.75" D ; .37" extension (106.69mm H x 45.72mm W x 44.45mm D; 9.40mm ext)
Weight	2.9 oz (82.21g)
Color	White; Ivory; Light Almond
Mounting	Single-gang NEMA-style switch box (standard switch box) Decorator-style wall plate sold separately
Certifications	Listed UL, cUL
Warranty	Five-year limited

Ordering Information

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