## **Lighting Controls**

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

### LIGHTHAWK® DIMMING PIR WALL SWITCH SENSOR

WALL SWITCH OCCUPANCY SENSORS

### **FEATURES**

- · Digital passive infrared (PIR) sensor
- IntelliDAPT® self-adaptive technology; no manual adjustment required
- Single circuit on/off switching with 0-10V dimming control
- Occupancy (auto-ON) and Vacancy (manual-ON) operating modes
- 1,000 square-foot, 180° coverage area
- RhinoTuff™ vandal resistant lens
- 120/277VAC and 347VAC models
- · Zero Arc Point Switching















### SPECIFICATIONS

### CONSTRUCTION

- Casing high Impact injection molded plastic (UL-94-5V Impact-resistance lens)
- · Color-coded leads are 6" (152.4mm) long
- Wrap around galvanized steel mounting strap
- 2.9 oz. (82.21g)
- · White; Ivory; Light Almond; Gray; Black
- Quad-element pyrometer and 12-element cylindrical RhinoTuff lens

### MOUNTING

- Single-gang NEMA-style switch box (standard switch box - max mounting height: 48")
- Decorator-style wall plate sold separately

#### **ELECTRICAL**

- 0-10V, Sink up to 30mA
- Natural light override range: 10-500 footcandles
- 120/277VAC;50/60Hz
- 347VAC; 50/60Hz
- 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

### ELECTRICAL (CONTINUED)

 347VAC: 1,500W Magnetic Ballast/ Electronic Ballast/ LED Driver, 1/6 HP Motor

### **OPERATIONS**

- IntelliDAPT
  - · Self-adjusting timer
  - Self-adjusting Ultrasonic (US) and passive infrared (PIR) sensitivity
  - · Automatic false-on/ false-off corrections
  - No manual adjustments required
- Coverage
  - 1,000 square-foot, 180° coverage area
- Timer Settings
  - Auto mode: 4-20 minutes; self-adjusts based on occupancy
  - Fixed mode: 4, 8, 16, and 20 minutes
  - Test mode: 5 seconds

#### **OPERATING ENVIRONMENT**

- Indoor use only
- Operating temperature: 32° to 104°F (0° to 40°C)
- Relative humidity (non-condensing): 0% to 95%

### CERTIFICATIONS

- UL and cUL listed
- This product qualifies as both (i) a "domestic construction material" per FAR §52.225-9 Buy American-Construction Materials and a "(COTS) item" per FAR §2.101 and (ii) a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effectivee 5/27/2020.
- This product qualifies as "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 5/27/2020.

### WARRANTY

• 5 year warranty



# **Lighting Controls**

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WALL SWITCH OCCUPANCY SENSORS

### **ORDERING GUIDE**

CATALOG #

LHRDMIRS		3		]_			_			_[		•			
Series		But	tons		Wiring			Color			Mode*			BAA/TA	AA**
LHRDMIRS	LightHAWK Dimming Passive Infrared Single Relay, 0-10V Dimming	3	3		N N347	Neutral (120/277V) Neutral (347V) <sup>†</sup>		WH IV LA GY BK	White Ivory Light Almond Gray Black		Blank M	Switchable Vacancy or Occupancy Mode Vacancy Mode Only		Blank U T	Standard Product BAA TAA

### Notes:

- 1 347V option only available in white (WH)
  - \* Please see vacancy mode only options table below

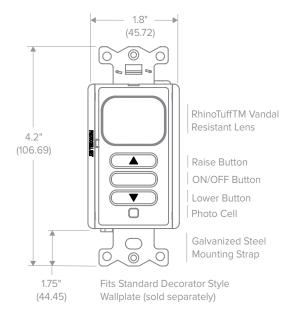
Example: LHRDMIRS3-N-WH-U

\*\* Please see Buy American Solutions table below

*Vacancy	Mode Only Options
LHRD	MIRS3-N-WH-M

**Buy American Solutions					
<b>BAA</b> FAR §52.225-9	<b>TAA</b> FAR §52.225-11				
LHDMIRS3-N-WH	LHDMIRS3-N-WH				

### **DIMENSIONS**



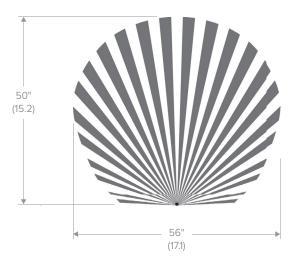
## **Lighting Controls**

## LIGHTHAWK® DIMMING PIR WALL SWITCH SENSOR

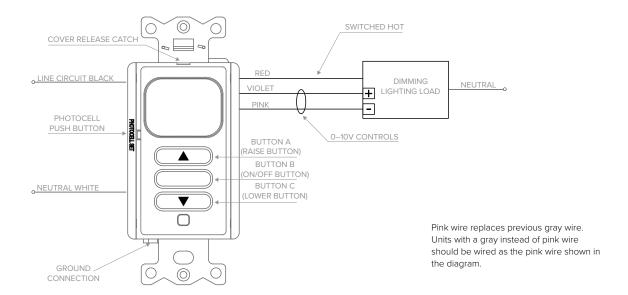
WALL SWITCH OCCUPANCY SENSORS

### **ADDITIONAL INFORMATION**

### Coverage Pattern



### Wiring Diagram



SINGLE LOAD WIRING

