Lighting Controls

LIGHTHAWK® ULTRASONIC WALL SWITCH SENSOR
WALL SWITCH OCCUPANCY SENSORS

FEATURES

- Digital Ultrasonic (US) sensor
- IntelliDAPT® self-adaptive technology; no manual adjustment required
- Single relay modes for on/off switching
- Occupancy (auto-ON) and Vacancy (manual-ON) operating modes
- 400 square-foot, 180° coverage area
- 120/277VAC and 24VDC 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

MOUNTING
- Single-gang NEMA-style switch box (standard switch box)
- Decorator-style wall plate sold separately

ELECTRICAL
- 40kHz output
- Natural light override range: 10-500 foot-candles
- 120/277VAC;50/60Hz

ELECTRICAL (CONTINUED)
- 24VDC (requires power pack - sold separately)
- 120VAC: 800W Incandescent/ Electronic Ballast/ LED Driver, 1,000W Magentic Ballast; ⅙ HP Motor
- 277VAC: 1,800W Magnetic Ballast/ Electronic Ballast/ LED Driver; ⅙ HP Motor

OPERATIONS
- IntelliDAPT
  - Self-adjusting Ultrasonic (US) and passive infrared (PIR) sensitivity
  - Automatic false-ON/ false-OFF corrections
  - No manual adjustments required
- Coverage
  - 400 square-foot, 180° coverage area

OPERATIONS (CONTINUED)
- Timer Settings
  - Auto mode: 4-30 minutes; self-adjusts based on occupancy
  - Fixed mode: 4, 8, 15, and 30 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

WARRANTY
- 5 year warranty

ORDERING GUIDE

Example: LHRUSS0-24V-WH

CATALOG #

Series		Buttons		Wiring		Color		Mode	
LHRUSS	LightHAWK Ultrasonic Single Relay	0	0	G	Ground (120/277V)	WH	White	Blank	Switchable Vacancy or Occupancy Mode
		1	1	N	Neutral (120/277V)	LA	Light Almond[1]		
				24V	Low Voltage[2]				

Notes:
1. Light Almond (LA) only available for 0 button ground version
2. Low voltage sensors require a power pack that is sold separately

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LIGHTHAWK® ULTRASONIC WALL SWITCH SENSOR

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DIMENSIONS

3.38"
(85.91)

2.70"
(68.69)

1.70"
(43.26)

1.72"
(43.61)
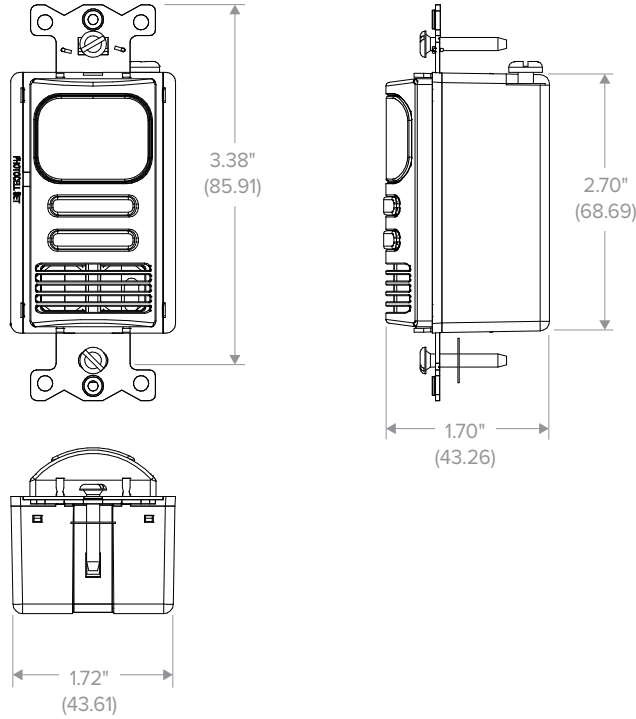
ADDITIONAL INFORMATION

Coverage Pattern

21'
(6.4)

26'
(7.9)

24'
(7.3)

29'
(8.8)
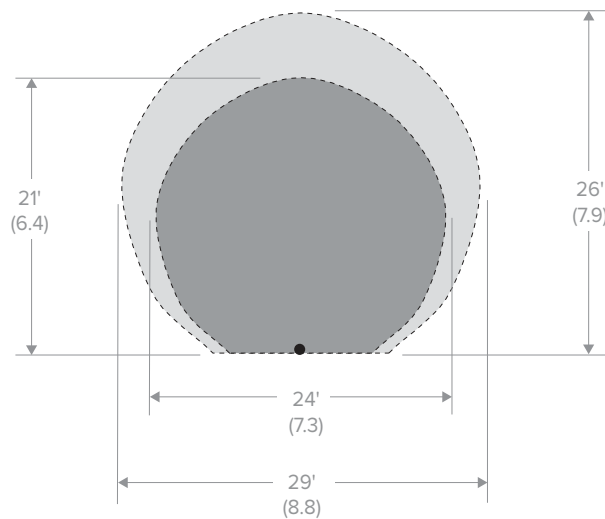
US Major Motion   US Minor Motion

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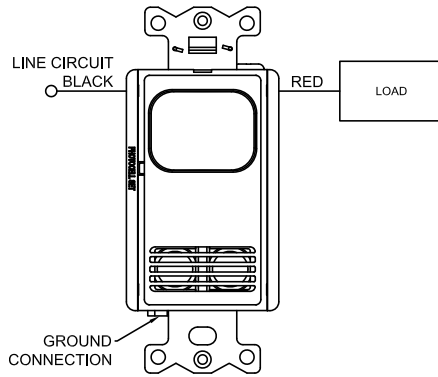## LIGHTHAWK® ULTRASONIC WALL SWITCH SENSOR
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ADDITIONAL INFORMATION (CONTINUED)

Wiring Diagrams

SINGLE LOAD WIRING

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