

### Dimming Wall Switch Occupancy Sensors

# LIGHTHAWK



Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

The LightHAWK2 Dimming Dual Technology Wall Switch Sensor combines passive infrared (PIR) and ultrasonic (US) technologies with the additional energy savings of 0-10V dimming. The user can set the occupied level to a predetermined level or set the sensor to activate to the last-used dimming level. With ON/OFF and Dimming Control, the user can easily adjust the light level for their area. This sensor has a coverage area of up to 1,000 square feet and 180° of detection.

LHDMMT 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 provide a maintenance-free install-and-forget operation. With selectable operating modes — automatic ON/OFF or manual ON/automatic OFF, occupancy on to predetermined dimming level go to last dimming setting upon occupancy — and a built-in photosensor for automatic daylight harvesting, LHDMMT sensors are the best choice in today's market place.

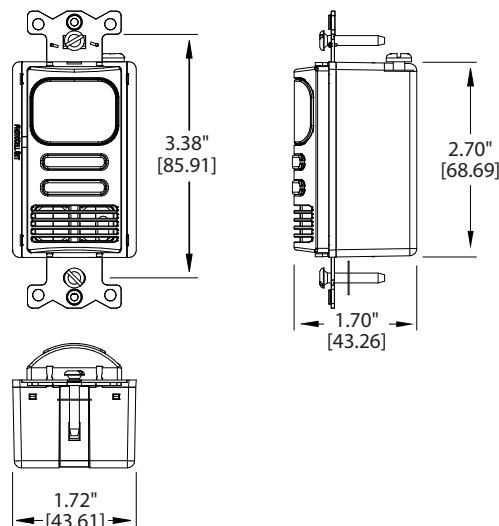
#### Product Features

- Digital dual technology passive infrared (PIR) and ultrasonic (US) 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
- 1,000 square-foot, 180° coverage area
- RhinoTuff™ vandal resistant lens
- 120/277VAC and 347VAC Models
- No minimum load requirement
- Zero Arc Point Switching
- Five-year warranty

#### Compliance and Certification



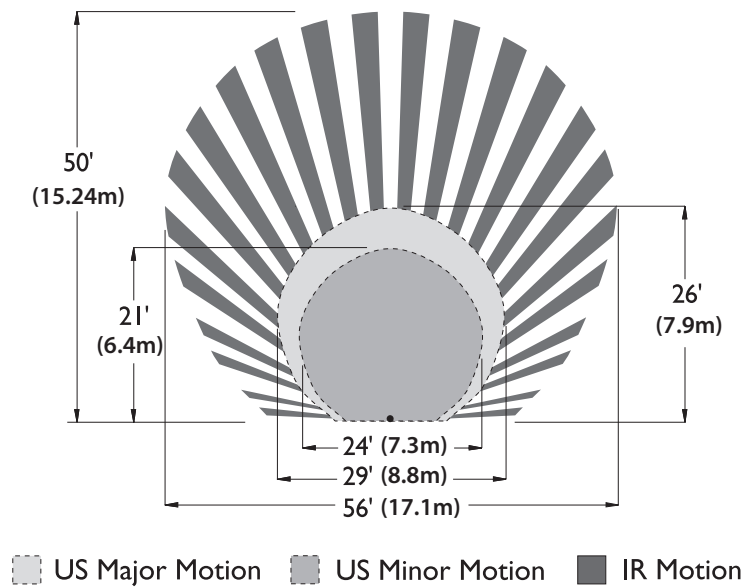
#### Dimensional Data



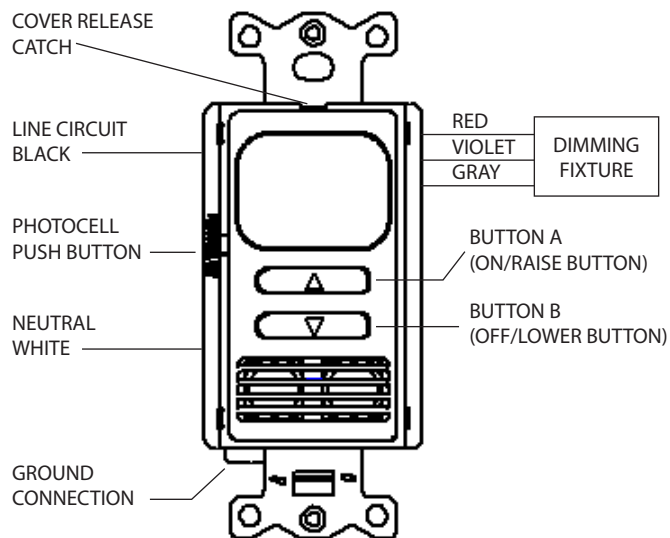
#### Ordering Information

LHDMMTS	2			
MODEL	BUTTONS	WIRING	COLOR	MODE
LHDMMTS LightHAWK2™ Dimming Dual Technology, Single Relay	2	N Neutral (120/277V) N347 Neutral (347V)	WH White IV Ivory LA Light Almond GY Gray BK Black	Blank Switchable Vacancy or Occupancy Mode M Vacancy Mode Only

## Coverage Pattern



## Wiring Diagrams



## General Specifications

IntelliDAPT Technology	Self-adjusting timer Self-adjusting passive infrared (PIR) and ultrasonic (US) sensitivity Automatic false-on/ false-off corrections No manual adjustments required
Time Delay	Auto mode: 4-20 minutes; self-adjusts based on occupancy Fixed mode: 4, 8, 15, and 20 minutes Test mode: 5 seconds
Passive Infrared (PIR)	Quad-element pyrometer and 12-element cylindrical RhinoTuff lens
Dimming	0-10V, Sink up to 30mA
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: 0-1000W Ballast, E-Ballast, LED, Tungsten; Motor Rating: 1/6 HP 277VAC: 0-1200W Ballast, E-Ballast, LED; Motor Rating: 1/6 HP 347VAC: 0-1500W Ballast, LED; Motor Rating: 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	2.70"H x 1.72"W x 1.70"D (68.69mm H x 43.61mm W x 43.26mm D)
Weight	2.9 oz (82.21g)
Color	White; Ivory; Light Almond; Gray; Black
Mounting	Single-gang NEMA-style switch box (standard switch box) Decorator-style wall plate sold separately
Certifications	Listed UL and cUL
Warranty	Five-year limited