



# Wet-Rated Motion-Photocell-Dimming Control Sensor



## overview

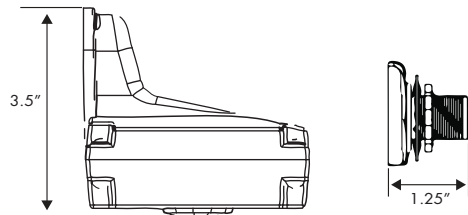
Venture Lighting's outdoor, wet-rated motion sensor utilizes Passive Infrared (PIR) detection technology into a line voltage motion sensor. Designed to mount directly through a 1/2" knockout (7/8" hole) in a light fixture or pole, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment.

## lenses

Lenses Included: High Mount 360 (installed) & Aisleway

## INSTALLATION INSTRUCTIONS

- Sensor has a 1/2" chase nipple that enables mounting through a knockout/hole in a junction box, fixture, or pole.
- When mounting to a pole, a 7/8" unthreaded hole should be located 12" below luminaire and should be accessible via an adjacent or opposite side hand hole.



## features

- 100% Digital PIR Detection, Excellent RF Immunity
- Up to 45 ft Mounting
- IP66 Rated for Outdoor Applications
- Self-Contained Relay, No Power Pack Needed
- No Minimum Load Requirements
- Compatible w/ LEDs, Electronic & Magnetic Ballasts, CFLs, & Incandescents
- Interchangeable Hot & Load Wires- Impossible to Wire Backwards
- Adjustable Time Delays, Max/Min Dim Levels, & Ramp Rates
- Programming Button Accessible without Opening Sensor or Removing Gaskets
- No Field Calibration or Sensitivity Adjustments Required
- Non-Volatile Settings Memory
- Convenient Test Mode

## specifications

Size (w/ Mounting Flange): 3.5" H x 2.50" W x 4.00" D (9.5 cm x 6.4 cm x 10.2 cm)  
 Weight: 9.6 oz  
 Mounting: 1/2" knockout (7/8" hole) on fixture  
 Maximum Load: 800 W @ 120 VAC; 1200 W @ 277 VAC; 1000 W @ 208 VAC; 1200 W @ 240 VAC  
 Motor Load: 1/4 HP  
 Dimming Load: Sinks < 20 mA; (~ 40 LED drivers/ballasts @ 0.5 per)  
 Ambient Temperature: Standard: 14-160° F (-10 to 71° C)  
 Relative Humidity: Standard: 20 to 75% non-condensing  
 ROHS compliant: Yes

Order Code	Description	Voltage Range	Product Color
PH21458	Wet Rated Motion Only Control Sensor	120-277V	White
PH27419	Wet Rated Motion/Photocell/Dimming Control Sensor	120-277V	White
PH28534	Wet Rated Motion Only Control Sensor	120-277V	Bronze
PH31256	Wet Rated Motion/Photocell/Dimming Control Sensor	120-277V	Bronze
PH36512	Wet Rated Motion Only Control Sensor	347-480V	White
PH37415	Wet Rated Motion/Photocell/Dimming Control Sensor	347-480V	White
PH46145	Wet Rated Motion Only Control Sensor	347-480V	Bronze
PH48159	Wet Rated Motion/Photocell/Dimming Control Sensor	347-480V	Bronze

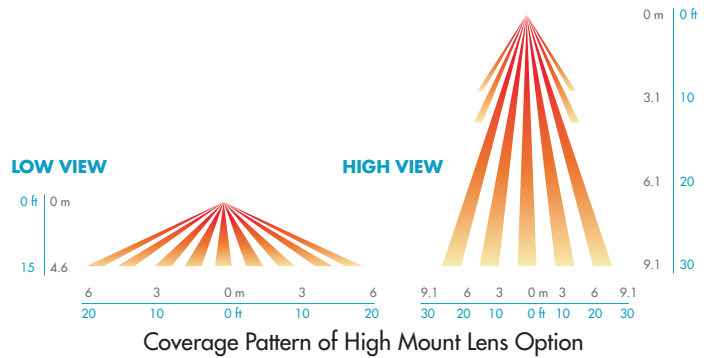


VLI-1300CS3\_Controls3-0617

# Motion-Photocell-Dimming Control

## SITE AND AREA LIGHTING/ HIGH MOUNT APPLICATIONS

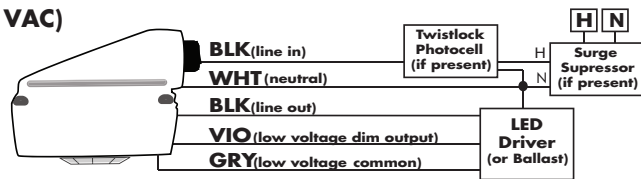
Venture Lighting's outdoor, wet-rated motion sensor is intended for higher pole mount applications, between 15-30 ft (4.57-9.14 m), and provides a coverage area radius for walking motion of 15-20 ft (4.57-6.10 m). When mounted to a pole the sensor provides 270° of coverage (90° is blocked by the pole).



## WIRING (DO NOT WIRE HOT)

### WIRING TO SINGLE PHASE POWER (120/277/347 VAC)

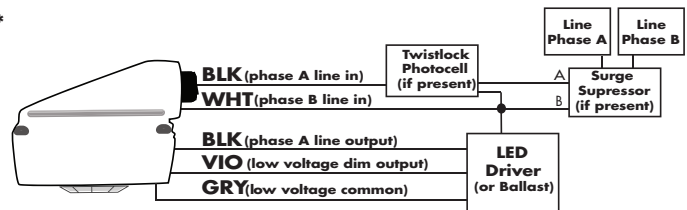
- BLACK\*** - 120/277 VAC Input
- RED** (wire for 347 VAC - requires HVOLT option)
- BLACK\*** - Switched Line Voltage Output to Luminaire
- RED** (wire for 347 VAC - requires HVOLT option)
- WHITE** - Neutral
- VIOLET (w/ D option)** - Low Voltage Dim Output (0-10 VDC)
- GRAY (w/ D option)** - Low Voltage Common



\*BLACK wires can be reversed

### WIRING TO 2-PHASE POWER (208/240/480 VAC)\*

- BLACK\*** - 208/240 VAC Phase A Input
- RED** (wire for 480 VAC - requires HVOLT option)
- BLACK\*** - Switched Line Voltage Output to Luminaire
- RED** (wire for 480 VAC - requires HVOLT option)
- WHITE** - Phase B of 208/240/480 VAC Input
- VIOLET (w/ D option)** - Low Voltage Dim Output (0-10 VDC)
- GRAY (w/ D option)** - Low Voltage Common



\*BLACK wires can be reversed

\*Safety Note: only one line phase is being switched



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