



Benefits / Features

- Fully adjustable high and low dimmed light levels; optional dusk to dawn control
- Controls 0-10V LED drivers or ballasts
- Adjustable Sensor Configuration Mobile APP
- IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 40'
- Adjustable time delay and cut off delay
- Adjustable Ramp-Up and Fade-Down available

Description

The sensor mounts in an indoor or outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC dim-to-off LED drivers or ballasts, the sensor is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

Operation

Typically, the sensor ramps lighting ON to the selected High mode level when motion is detected, and the ambient light level is below the hold off setpoint. After the sensor stops detecting movement and the time delay elapses, lights fade to the Low mode level. If there is no motion during the subsequent cut off time delay, the lights will turn OFF. For dusk to dawn control, the integral photocell can switch the lights ON and OFF based on the ambient light level so that lighting remains on overnight even without motion detection.

Mobile APP

The Sensor Configuration APP is available for Android® and IOS® devices. Search "Wattstopper Sensor Config" on your device.

Warranty

For warranty information refer to: www.venturelighting.com/resources/warranties

Physical Characteristics

Overall Length	3.7" (94.5 mm)
Overall Width	1.6" (41mm)
Depth	1.7" (42mm)
Weight	0.18 lbs (80 grams)
Operating Temperature Range	-40°F to 167°F (-40°C to 75°C)
IP66 Rated	When assembled and installed in IP66-rated fixture

Electrical Characteristics

Input Voltage Range	120-277V; 50/60 Hz
Load Rating	120V Max Load: 0-800W ballast/LED Driver 277V Max Load: 0-1200W ballast/LED Driver
Dimming	Continuous 0-10 VDC
Power Consumption	1W

Regulatory Qualifications

cULus Listed

Default Settings

Time Delay: 5 min.

Cutoff Delay: 1 hr

Photocell: disabled

High Dim Setting: 10V DC

Low Dim Setting: 1V DC

NOTE: A lens accessory must be installed on the sensor for proper operation.

Accessories

PH28256 360° Sensor Lens, Max Coverage 100' dia. from 40' height

PH47512 360° Sensor Lens, Max Coverage 40' dia. from 20' height

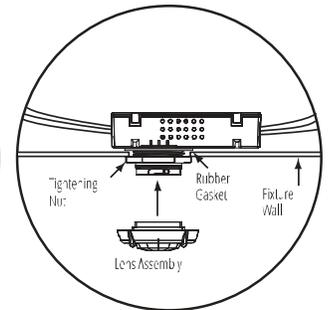
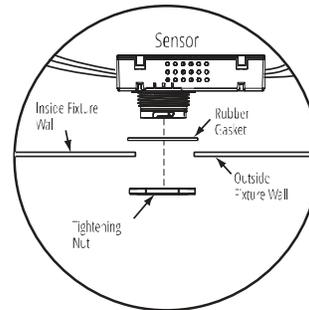
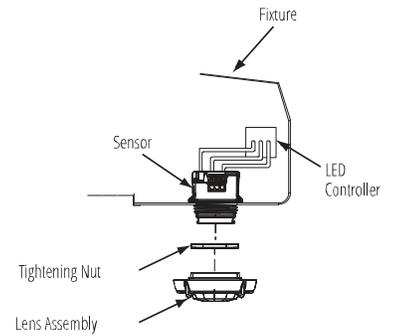
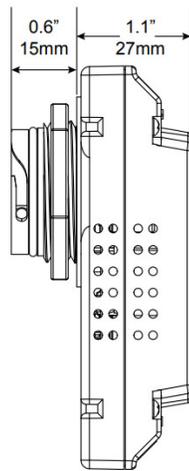
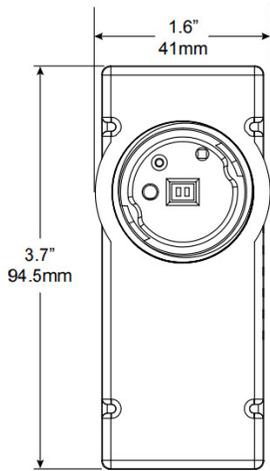
PH18673 360° Sensor Lens, Max Coverage 48' dia. from 8' height

Revision: 02, 09-Sept 2022



Venture BLE Motion/Dim/Photocell Sensor

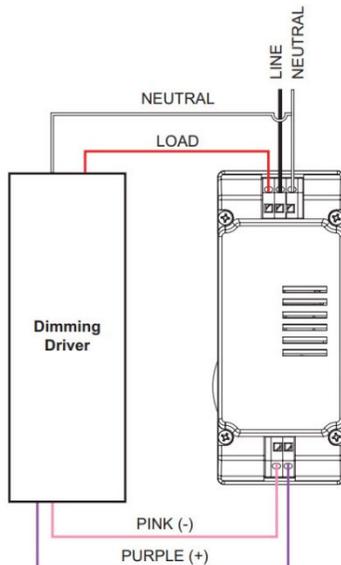
Dimensions and Mounting



The Sensor accommodates fixture wall thickness up to 0.125" (3.18mm).

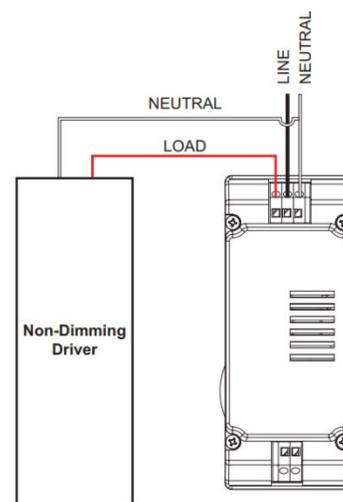
Wiring Diagram

Dimming



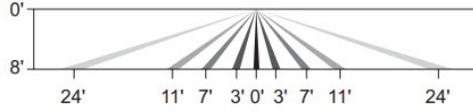
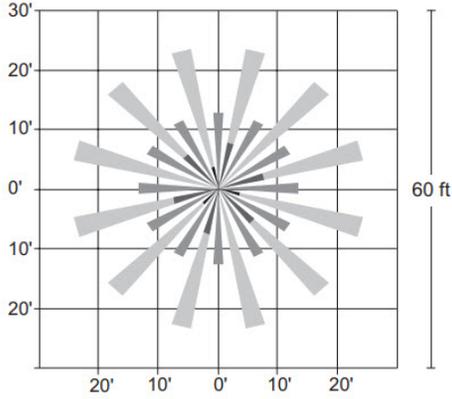
NOTE: Per UL, the 0-10V negative dimming wire color has been changed from gray to pink.

Non-Dimming

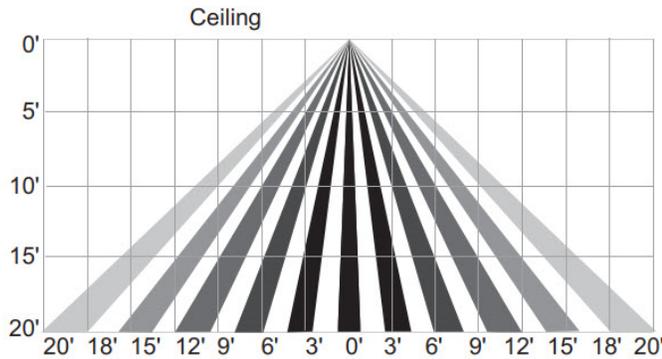
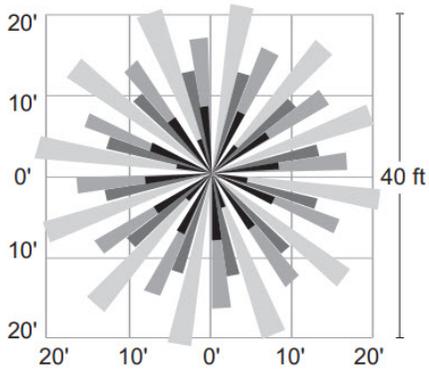


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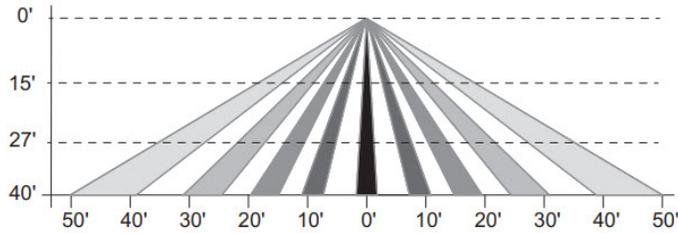
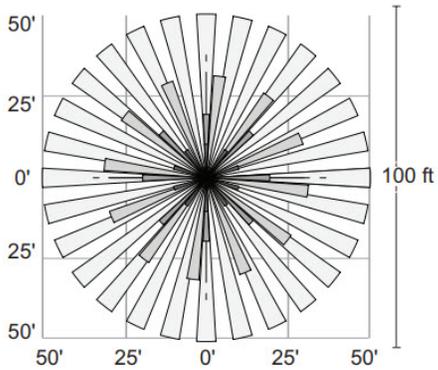
Coverage



PH18673



PH47512



PH28256

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