Benefits/Features
• Fully adjustable high and low dimmed light levels; optional dusk to dawn control
• Controls 0-10V dim-to-off LED drivers or ballasts
• Adjustable via handheld wireless configuration tool
• 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

Decsription
The sensor mounts in an 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.

Physical Characteristics

Overall Length	3.79" (96 mm)
Overall Width	1.38" (35 mm)
Depth	1.55" (39 mm)
Weight	0.18 lbs (80 grams)
Operating Temperature Range	-40°C to 75°C
IP66 Rated	

Electrical Characteristics

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

Regulatory Qualifications

cULus Listed

Default Settings

Default settings
Time Delay: 5 min.
Cutoff delay: 1 hr
Photocell: disabled
High dim setting   10V DC
Low dim setting   1V DC

NOTE: Wireless Programming Tool (Order Code: PH46224) needed to reprogram sensor.
NOTE: A lens accessory must be installed on the sensor for proper operation.

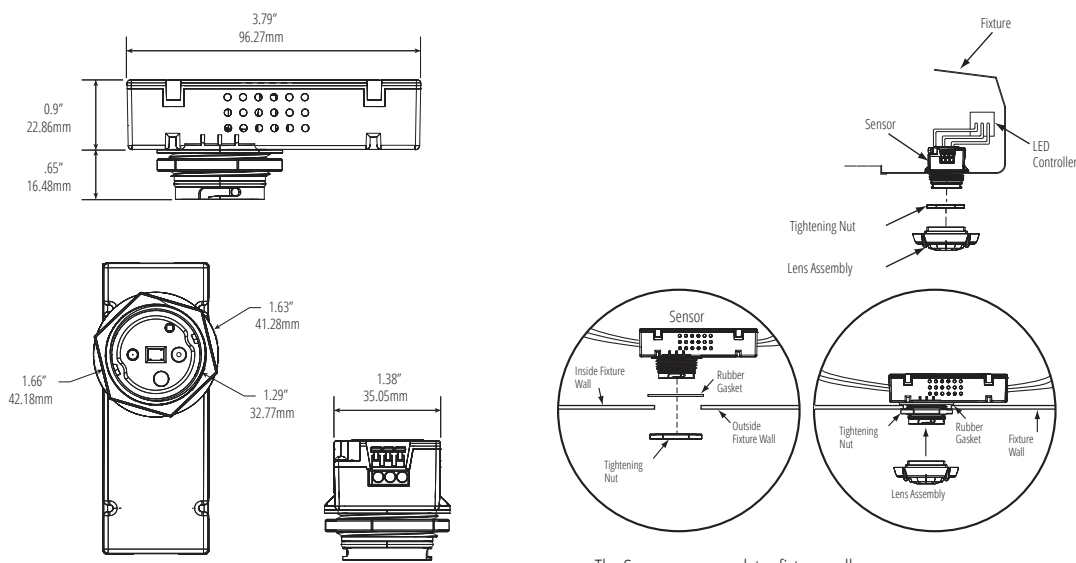## Accessories

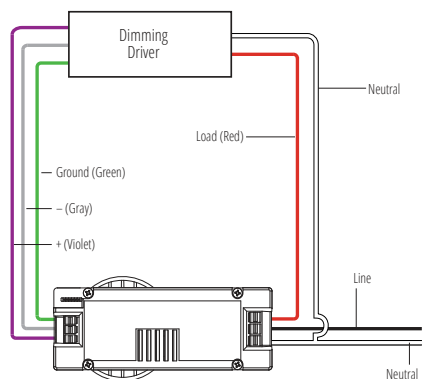| |
|---|
| PH46224 Wireless programming tool |
| PH47512 Sensor lens for area lighting (high mounting height applications) |
| PH18673 Sensor lens for garage (low mounting height applications) |

Venture Motion/Dim/Photocell Sensor (120-277V Input)

Dimensions and Mounting

3.79"
96.27mm

0.9"
22.86mm

.65"
16.48mm

1.63"
41.28mm

1.66"
42.18mm

1.29"
32.77mm

1.38"
35.05mm

Fixture

Sensor

LED Controller

Tightening Nut

Lens Assembly

Sensor

Inside Fixture Wall

Rubber Gasket

Outside Fixture Wall

Tightening Nut

Tightening Nut

Rubber Gasket

Fixture Wall

Lens Assembly

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

Wiring Diagram

Dimming Driver

Neutral

Load (Red)

Ground (Green)

– (Gray)

+ (Violet)

Line

Neutral

VENTURE® LIGHTING