

## OVERVIEW

The XPoint Wireless DS ES7 sensor is a low voltage digital sensor that connects to a XPA RL DSI type of wireless light controller, mounted within a fixture. The DS ES7 is designed for mounting heights of up to 20 ft in indoor luminaires. The DS 360° sensor provides Passive Infrared (PIR) occupancy detection over a 10-20 ft (4.57-6.10 m) radial coverage pattern and photocell light level detection in one compact low profile design. The DS ES7 sensor mounts into a 1.125" round opening in a fixture, and is ideal for occupancy and daylighting control in suspended or recessed luminaires.

## FEATURES

- 100% Digital PIR detection
- Occupancy and photocell in one
- Push button for self-test. \*Note: push button only supports self-test! No sensor configuration allowed on XPoint Wireless devices!

## SPECIFICATIONS

Dimensions:	1.180" h x 2.617" w x 1.335" d
Weight:	3 oz
Trim color:	White
Enclosure:	Indoor damp location
Voltage:	3.3VDC
Max. humidity:	10-90% non-condensing
Operating temperature:	14 – 160° F (-10 – 70° C)
Wiring:	300V cable, UL Type CM, CSA Type CMG, 18" standard length

## Warranty

Five-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

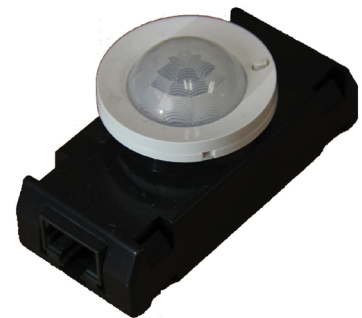
**Note:** Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

**AcuityControls™**

*XPoint™ Wireless*

*Digital Sensor Attachment*



**A+ Capable**

This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



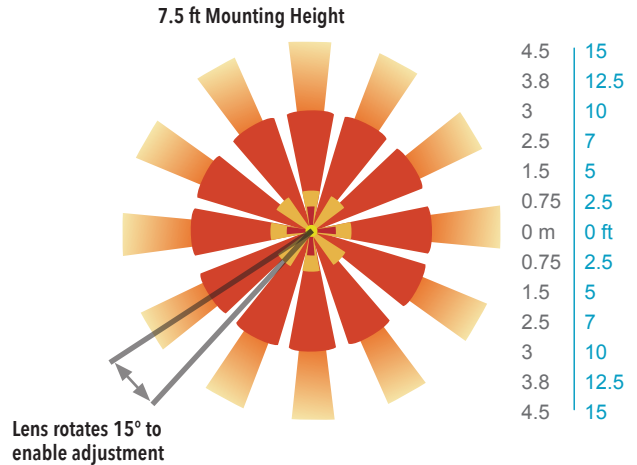
## ORDERING INFORMATION

XPA DS ES7			
System Type		Sensor Type	
XPA	XPoint Wireless	DS ES7	Digital Sensor Attachment, Micro 360° Sensor

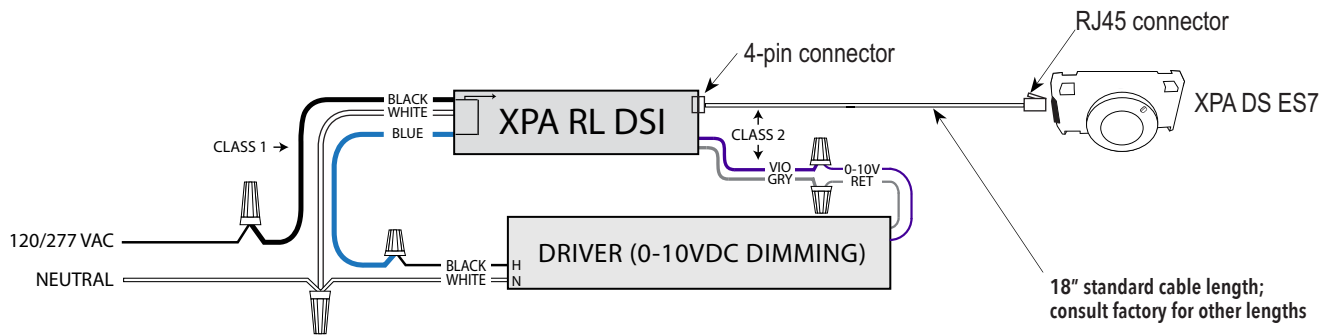
## COVERAGE PATTERN

### Micro 360° lens

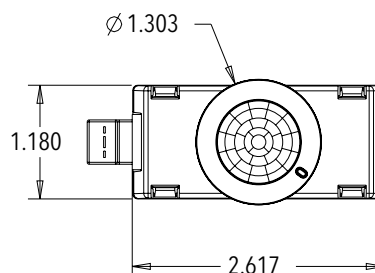
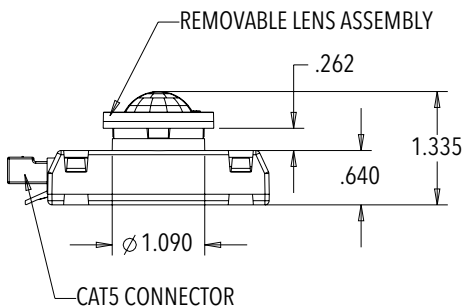
- At the 7.5 ft (2.29 m) hanging height of a typical pendant mount fixture the sensor provides 10 ft (3.05 m) radial detection of small motion. At a 9 ft (2.74 m) hanging height the radius is 12 ft (3.66 m) for small motion.
- Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor
- Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.



## WIRING DIAGRAM



## DIMENSIONS



### FOAM PADS

MICRO\_PAD-1 THICKNESS

MICRO\_PAD-1 .250

MICRO\_PAD-2 .125

MICRO\_PAD-3 .062