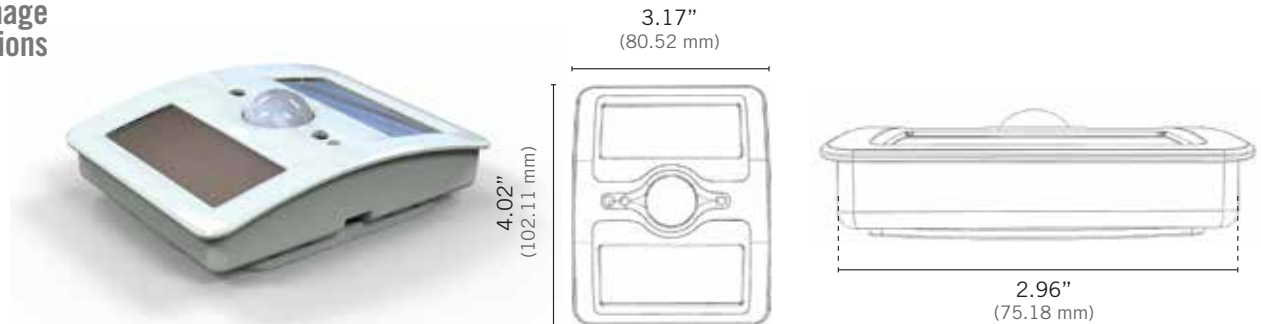


## Product Image & Dimensions



## Product Overview














### Description

The Entuit Motion and Lux sensor (ENOL) is a wireless, self powered, passive infrared sensor that ensures reliable detection of occupant presence. The ENOL is ideally suited for occupancy based lighting control and also provides for indoor daylight harvesting functionality, with a light range of 0-1020lx. When paired with a relay (ENLR) and a wireless rocker switch (ENSW1), the sensor creates an out of the box, cost effective, lighting control system. When combined with an Entuit ENGW, the ENML can be integrated into an existing BACnet-compatible building automation system.

### Operation

Built in solar cells draw and store energy from available ambient light to power the device and keep it operational during periods of darkness. The device must be placed at the location where sensing is required and this location is dependent on individual application (refer to Applications below). An optional battery back up is available for locations with low or no ambient light. The device pairs manually to compatible devices by pressing the LRN button or by using our Econfig tool. The sensor can be mounted using screws or simply placed in selected location with double stick tape. It is recommended that the pairing of this device be done prior to installing the ceiling sensor.

### Applications

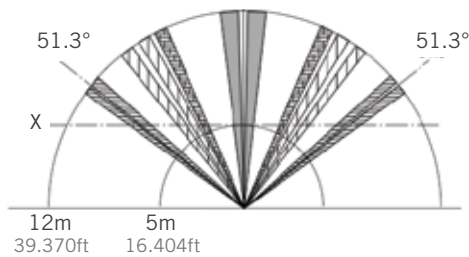
- |   |   |  |
|---|---|--|
|  Hotels & Resorts        |  Daylight Harvesting |  Lighted Hallways   |
|  Colleges & Universities |  Restrooms           |  Cruise Ships       |
|  New Construction        |  Private Offices     |  Classrooms         |
|  Executive Offices       |  Retrofits           |  Daycare Facilities |
|  Perimeter Zones         |  Conference Rooms    |  |

## SPECIFICATIONS

Range	150 feet (50-150 typical)
Radio Frequency	902 MHz EnOcean Protocol
Light Sensor (Must be enabled using airConfig)	0-95 FC (0-1020 Lux)
Default Transmission Interval	Immediate upon detected occupancy (Status signal sent every 15 minutes)
Default Unoccupied Send Delay	5 minutes (Adjustable via airConfig tool)
Minimum Light Required to Charge	4FC (40 Lux)
Minimum Charge Time to Begin Operation	1 minute @ 20FC (200 Lux)
Full Charge Time	~8 hours @100FC (1000 Lux)
Maintain Charge Time	3 hours per 24 hours @ 20FC (200 Lux)
Operation Life at Full Charge (no battery)	up to 72 hours
Optional Battery Life	10 years (1/2AA 3.6V Lithium)
Operating Temperature	-3°F to 140°F (20°C to 60°C)
Detection Distance (PIR Sensor)	39 ft (12 m)
Detection Range (Horizontal & Vertical) (PIR Sensor)	102° x 92°

## COVERAGE

### Top View



### Side View

