



## EnvisionLED S-TWC-MW-BT Bluetooth Microwave Fixture Sensor Owner's Manual

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EnvisionLED S-TWC-MW-BT Bluetooth Microwave Fixture Sensor



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## INTRODUCTION

The Envision LED Bluetooth fixture sensor is designed for outdoor applications. Integrated sensors capture data that is both processed locally and transmitted over the Envision LED network, enabling a full suite of applications. In addition, the sensor supports Bluetooth® low energy communication with tags and other BLE devices.

**S-TWC-MW-BT** 3-Pin Bluetooth Microwave Fixture Sensor



PHONE APP  
EnvisionLED



## OVERVIEW

The Bluetooth fixture sensor is a complete sensing and lighting control mode powered from its attached light fixture. Sensor information combined with a configurable behavior profile makes the fixture sensor an integral component of an intelligent lighting control and sensing solution. With integrated wireless communications for data transmission and remote configuration as well as autonomous fixture-level control, this sensor brings advanced lighting automation to a whole new level.



## FEATURES AND BENEFITS

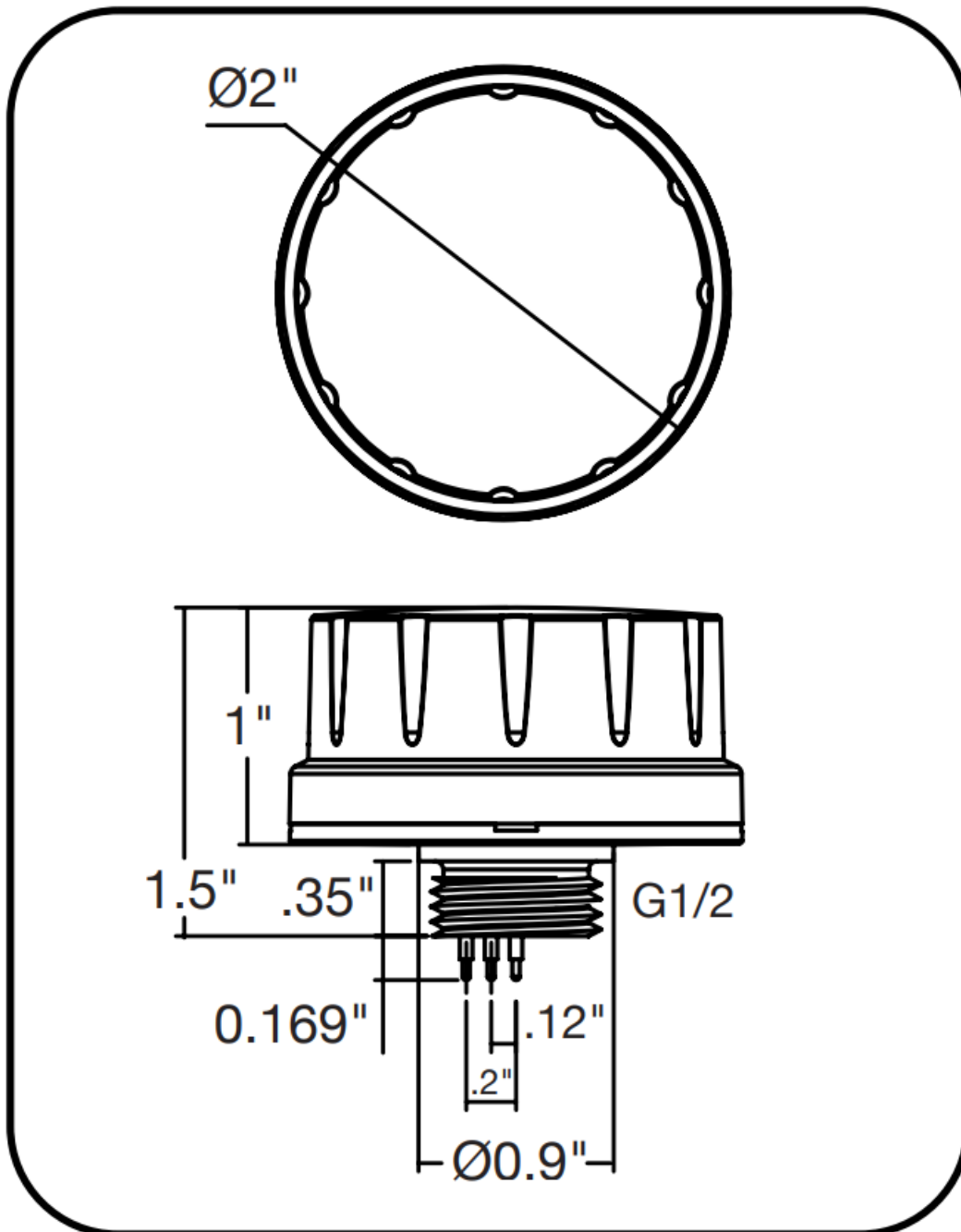
**Envision LED Fixture Sensor DLC:** Meet DLC 5.1 Networked lighting control system.

**Bluetooth Low Energy:** An embedded BLE radio allows the sensor to receive and transmit beacons as well as support communication with lighting control devices and other sensors.

**Occupancy/Vacancy/Manual:** A microwave sensor combined with ambient with 3 different modes as options.

**Daylight Harvesting:** Captured ambient light information is locally processed to raise and lower light levels based on available daylight.

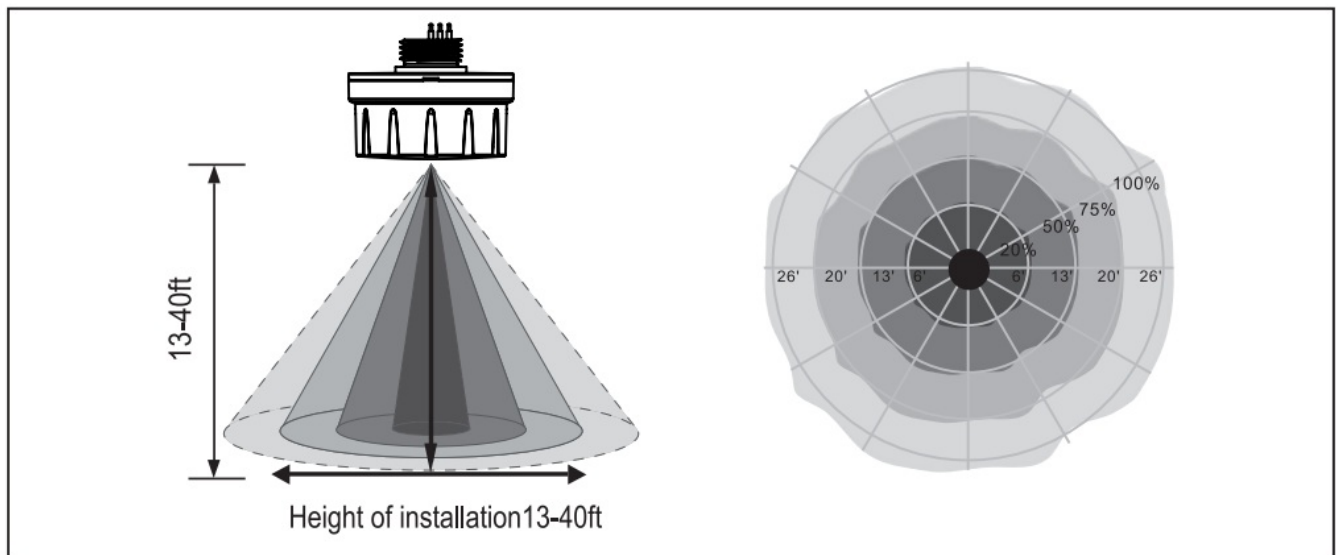
**Room and Zone Control:** Pairs with room switches for code-compliant manual-on or auto-off capability. Sensors can be grouped into zones that share occupancy sensing data and coordinate light control based on detected motion.



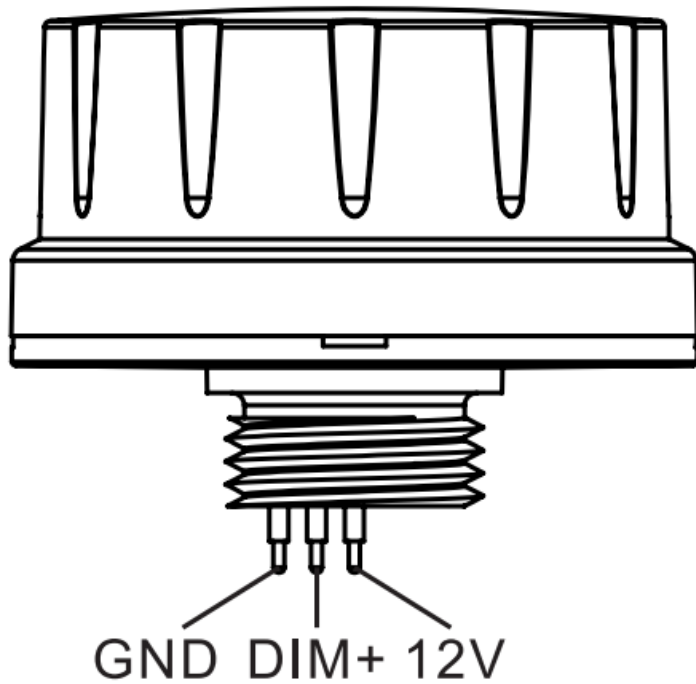
## SPECIFICATIONS

<b>Motion Sensor</b>	Microwave sensor
<b>Input Power</b>	12-24 VDC, >50mA
<b>Control Output</b>	0-10V, Max 25mA Sinking Current
<b>HF System</b>	5.8 GHz±75MHz
<b>Transmission Power</b>	<0.2mW
<b>Mounting Height</b>	40 Ft. (12m) Max.
<b>Detection Angle</b>	360°
<b>Operating Temperature</b>	-40° F ~ +158°F (-40°C ~ +70°C
<b>IP Rating</b>	65
<b>Wireless Standards</b>	5.0 Bluetooth Mesh

## SENSOR COVERAGE



## PORT DESCRIPTION

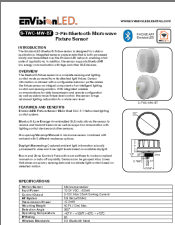


## CUSTOMERS SUPPORT

[WWW.ENVISIONLEDLIGHTING.COM](http://WWW.ENVISIONLEDLIGHTING.COM)

# EnVisionLED™

## Documents / Resources

	<p><a href="#">EnvisionLED S-TWC-MW-BT Bluetooth Microwave Fixture Sensor</a> [pdf] Owner's Manual S-TWC-MW-BT, S-TWC-MW-BT Bluetooth Microwave Fixture Sensor, Bluetooth Microwave Fixture Sensor, Microwave Fixture Sensor, Fixture Sensor, Sensor</p>
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## References

- [LED Envision Led - Envision LED Lighting](#)
- [User Manual](#)

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