

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



PHONE APP
EnvisionLED



INTRODUCTION

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

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

EnvisionLED 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.

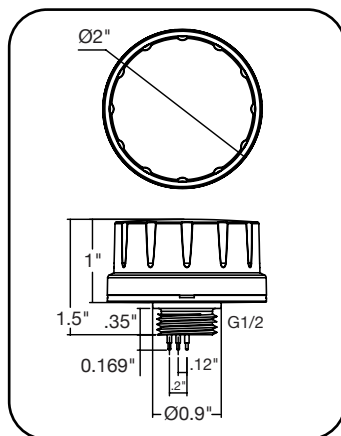
Occupancy/Vacancy/Manual: A microwave sensor combined with ambient with 3 different modes as options.

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.



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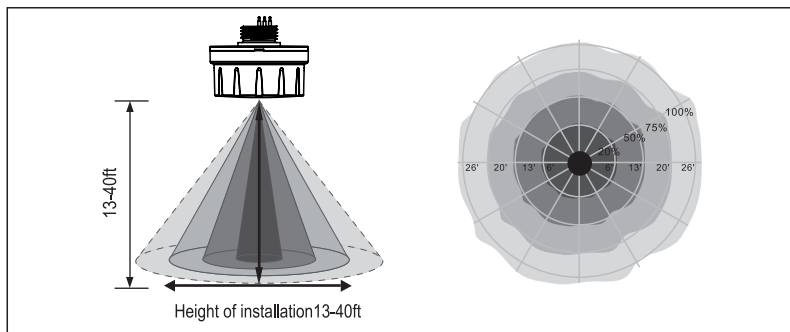


SPECIFICATIONS

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

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SENSOR COVERAGE



PORT DESCRIPTION

