

Project	
Date	
Prepared By	
Model #	ECPIRLVE

## Bluetooth® Mesh Sensor with PIR & Daylight Harvesting

Powered by Fixture Controller 11800, ECPPFC1

### Specifications

**Input Voltage:** DC 12V

**Sinking Current:** 10mA Max

**Input Power:** 0.1W

**PIR Output Voltage:** DC 3.3V

**Adjustable Sensitivity Input**

**Voltage:** DC 0-3.3V

**Housing Material:** UL 94-5VA

**Indoor Use Only**

**Detection Range:** 50 ft

**Mounting Height:** 20 ft

**Operating Temperature:**

-30°C to 55°(-22°F to 131°F)

**Storage Temperature:**

-30°C to 85°(-22°F to 185°F)

**IP Rating:** IP20



**ORDER CODE:**  
11801

**MODEL NUMBER:**  
ECPIRLVE

### PRODUCT DESCRIPTION

EarthConnect, Bluetooth® networked lighting control system makes it easy for commercial facilities to maximize energy savings, improve comfort and achieve building code compliance for indoor and outdoor applications. This Bluetooth® Mesh sensor incorporates a PIR & daylight harvesting sensor. PIR occupancy sensor supports setting delay time and bi-level dimming of the sensors through EarthConnect APP. The daylight harvesting, this sensor allows for continuous dimming according to desired light level. It is powered by EarthConnect fixture controller (ordered separately).

### PRODUCT FEATURES

- + Sensor provides daylight harvesting and PIR
- + This sensor is Bluetooth® Mesh
- + Indoor use only
- + Designed to operate with order code 11800 fixture controller, model number ECPPFC1
- + Ceiling mount adapter is available
- + Controlled via EarthConnect mobile app or keypad (purchased separately)
- + For use with fixture controller 11800

### APP FEATURES

- + Wirelessly group luminaires to act in sync with each other.
- + Convenient commission via smartphone or wireless Bluetooth® wall switch, On/Off/ Dim.
- + Pre-set brightness for individual or group of luminaires under different scene buttons, arouse all settings with one button.
- + Support setting delay time and dimming level for a group of sensors through
- + Search "EarthConnect" on the app store for iPhone (iOS 8.0 or later, and Bluetooth 4.0 or later), or google play store for Android (Android 4.3 or later, and Bluetooth 4.0 or later).



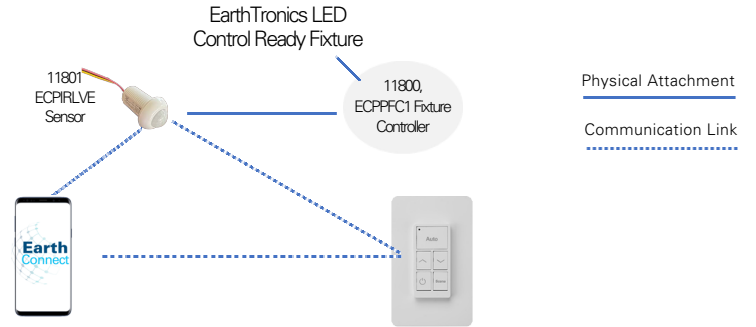
Norton Shores, Michigan 49441  
T: 231.332.1188 | F: 231.726.5029  
TOLL FREE: 866.632.7840  
www.earthtronics.com

App Icon

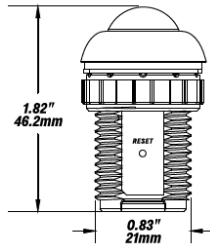


Download App

Please consult installation instructions for proper application and use of this product.



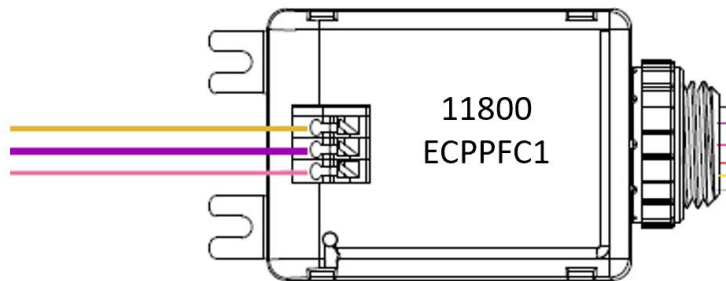
## PRODUCT DIMENSIONS



Dimensions: 1.82" Height x 0.83" Diameter  
 Case Material: Plastic  
 UPC: 840791118016

## WIRING DIAGRAM

To sensor  
 11801  
 ECPIRLVE



## OPTIONAL ACCESSORIES



Ceiling Mount Adapter for Sensor  
 Order Code: 11802



Non-Bluetooth Fixture Control (Power Pack)  
 with 12V AUX 120/277VAC  
 Order Code: 11800



Dimmer Switch/ Key Pad &  
 5 button Bluetooth Wall Switch  
 Order Code: 11808

LEARN MORE: [EarthConnect](http://EarthConnect)  
[www.earthtronics.com/earthconnect](http://www.earthtronics.com/earthconnect)



Download the EarthConnect App



Download App

