



# EarthTronics ECPPFC1 Bluetooth Integrated Fixture with Microwave Sensor User Manual

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**EarthTronics ECPPFC1 Bluetooth Integrated Fixture with Microwave Sensor**



## Product Information

The ECMVLVE is an EarthTronics LED Control Ready Fixture that is powered by the ECPPFC1 Fixture Controller. The input voltage for this product is DC 12V and it has a built-in microwave sensor. The product dimensions are 1.77L x 0.45 W x 0.83 H and it weighs 3 oz./ 0.1875 lbs. The case material used is plastic and the UPC is 840791118030.

## 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 microwave occupancy sensor supports setting delay time and bi-level dimming of sensors through the EarthConnect APP. It is powered by EarthConnect fixture controller (ordered separately). For use with low bay fixtures such as LED Vapors and LED Strips.

## Product Usage Instructions

To properly use the ECMVLVE product, it is important to consult the installation instructions. The product is powered by the ECPPFC1 Fixture Controller and requires a DC 12V input voltage. The product has a built-in microwave sensor and optional accessories such as a wall switch and wall plate are available for purchase. To learn more about the product and its features, download the EarthConnect App from the provided link.

## SPECIFICATION

- **Input Voltage:** DC 12V
- **Input Current:** 45mA Max
- **Input Power:** 0.5W
- **Output Voltage:** DC 10V
- **Output Current:** 10mA Max
- **Output Power:** 0.1W
- **Dimming:** Class 2, 0-10V DC 10mA Max

- **Sinking Current:** 10mA Max
- **Bluetooth Transmit:** 200ft Max
- **Radio Frequency:** 2.4
- **Bluetooth Transmit:** 200ft Max
- **Radio Frequency:** 2.4GHz  $\pm$  75MHz
- **Bluetooth Version:** 4.2
- **Housing Material:** UL 94-V0
- **Indoor/Outdoor Us:** Yes
- **Detection Range:** 28-80ft
- **Mounting Height:** 10-35ft
- **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

## PRODUCT FEATURES

- Microwave occupancy sensor
- This sensor controller is Bluetooth®
- Factory installed with order
- Indoor or outdoor use only
- IP20 rating
- Fixture controller for power is available (see optional accessories)
- Controlled via EarthConnect mobile app or keypad (purchased separately)

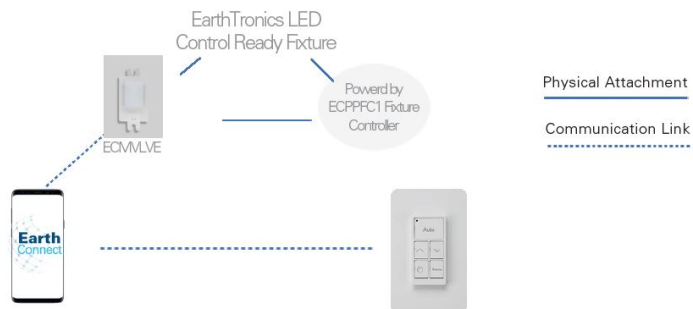
## APP FEATURES

- Wirelessly group luminaires to act in sync with each other.
- Convenient commission via smartphone or wireless Bluetooth® wall switch, On/Off/ Dim.
- Pre-set various color and 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).



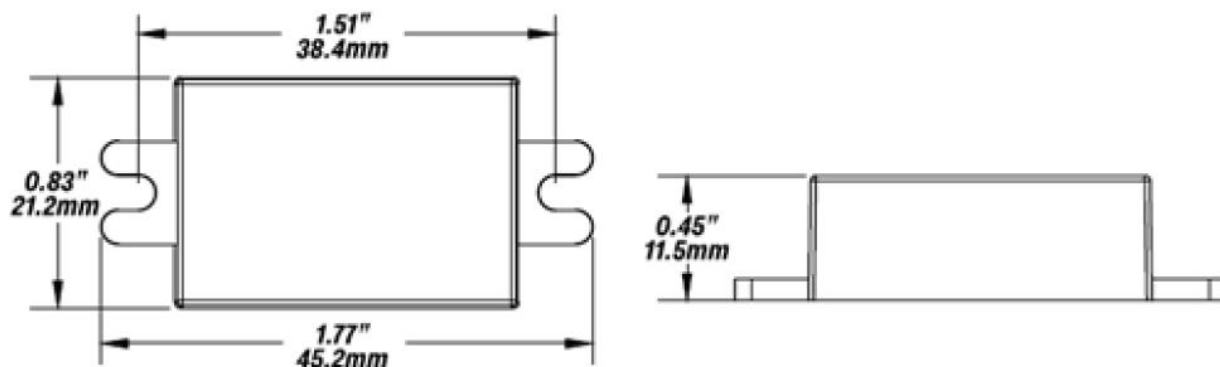
Download App

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



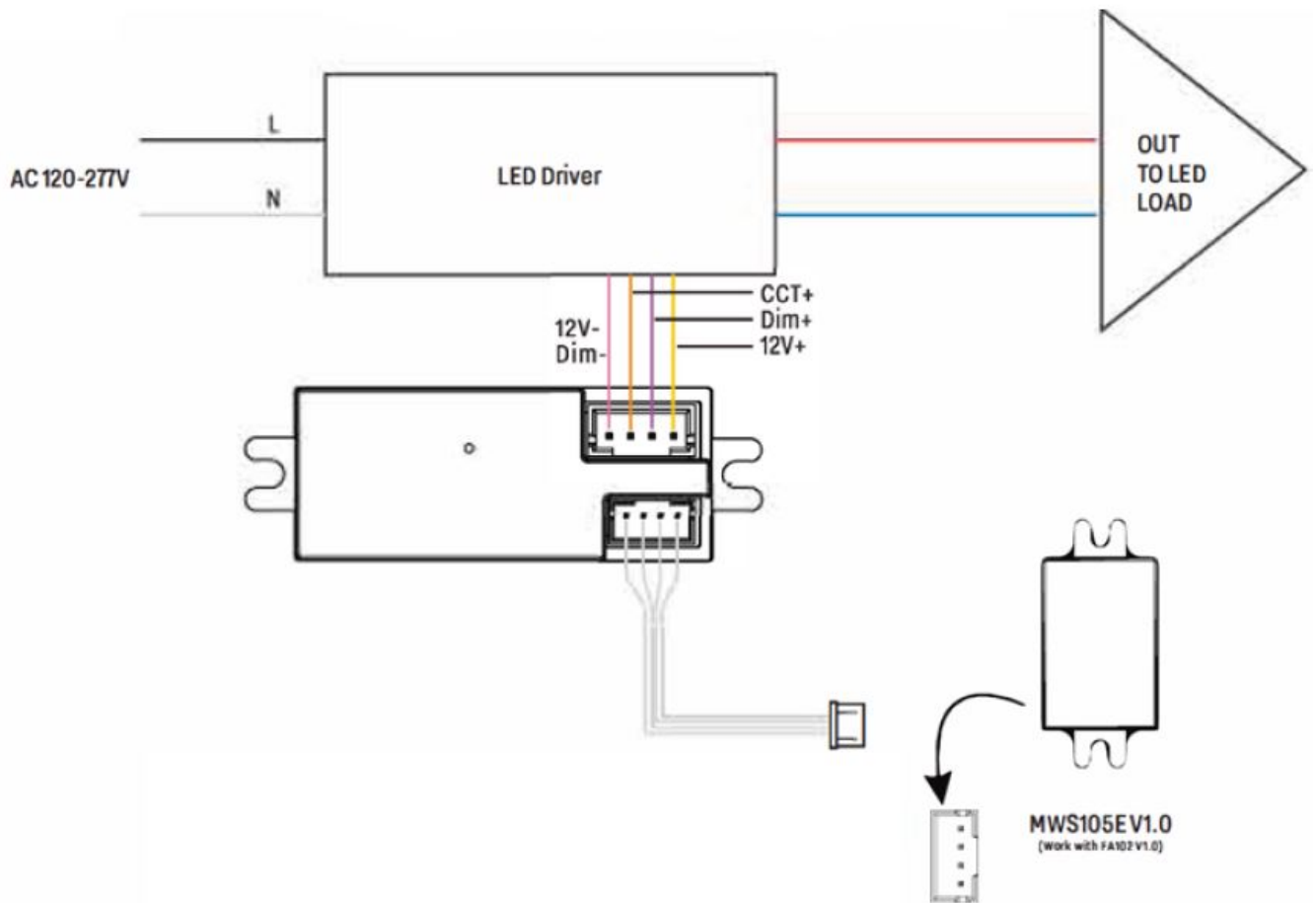
\*This fixture controller has a built-in microwave sensor. (Fixture controller is not included) See optional accessories below for available options.

## PRODUCT DIMENSIONS



- **Dimensions:** 1.77"L x 0.45" W x 0.83" H
- **Weight:** 3 oz./ 0.1875 lbs
- **Case Material:** Plastic
- **UPC:** 840791118030

## WIRING DIAGRAM



## OPTIONAL ACCESSORIES



Hardwire Low Bay  
Controller

Order Code: 11800



Wall Switch  
Order Code: 11808

Wall Plate  
Order Code: 11809

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



Download the EarthConnect App



Download App

**EarthTronics, Inc.**

Norton Shores, MI 49441

[www.earthtronics.com](http://www.earthtronics.com)


Email: [contact@earthtronics.com](mailto:contact@earthtronics.com)

Toll Free: 866.632.7840

Norton Shores, Michigan 49441  
T: 231.332.1188  
F: 231.726.5029  
TOLL FREE: 866.632.7840  
[www.earthtronics.com](http://www.earthtronics.com)

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

## Documents / Resources

	<p><a href="#">EarthTronics ECPPFC1 Bluetooth Integrated Fixture with Microwave Sensor</a> [pdf] User Manual</p> <p>ECPPFC1 Bluetooth Integrated Fixture with Microwave Sensor, ECPPFC1, Bluetooth Integrated Fixture with Microwave Sensor, Bluetooth Integrated Fixture, Integrated Fixture, Fixture</p>
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## References

-  [EarthTronics is an LED lighting product manufacturer and supplier](#)
-  [EarthConnect - EarthTronics](#)