

Project	
Date	
Prepared By	
Model #	ECPPFCBT1

## Specifications

### ELECTRICAL

#### Input Voltage:

120-277VAC, 60Hz

6A Max: 720W @ 120V

6A Max: 1662W @ 277V

Sinking Current: 10A Max

RF Transmit Power: 8dBm

#### Wireless Frequency:

2.4GHz

#### Wireless Range (Open Air):

100m

#### Wireless Protocol:

Bluetooth® 4.2

Dimming: 0-10V

#### Operating Temp. Range:

-40°F (-40°C) to 131°F (55°C)

#### Dimensions:

2.64" Height x 2.4" Width

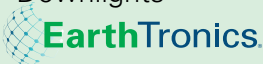
### CERTIFICATIONS

UL: UL8750, UL2043

FCC: Yes Part 15.247

### FOR USE WITH EARTHTRONICS:

- LED Troffers
- LED Panels
- LED Commercial Downlights



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

## Bluetooth® Mesh Controller

Advance Solution for multiple connections



### ORDER CODE:

11799

### MODEL NUMBER:

ECPPFCBT1

### AC POWERED

### 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 fixture controller utilizes intelligent relay control software that reduces wear to extend relay life. It's simple and intuitive. Using the EarthConnect app, nodes can be commissioned without the need for a gateway or internet access.

### PRODUCT FEATURES

- + Single Channel
- + 120/277VAC, 50-60Hz
- + Ideal for small to medium size systems
- + Use of relay, 0-10V dimming
- + 1/2" knock-out enable
- + Utilizes Bluetooth® mesh technology for reliable and secure communication
- + Controlled via EarthConnect mobile app, keypad or sensors (purchased separately)
- + Communicates with EarthConnect sensors in the same zone

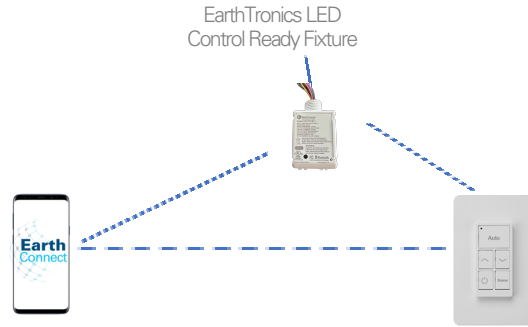
### APP FEATURES

- + Wirelessly group luminaires to act in sync with each other.
- + Convenient commission via smartphone
- + Pre-set brightness for individual or group of illuminates under different scene buttons, arouse all settings with one button.
- + Support setting delay time and dimming level for a group of fixtures
- + 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

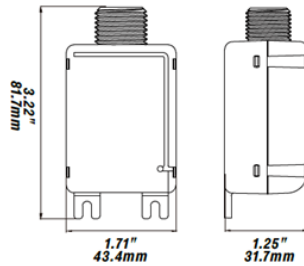
Please consult installation instructions for proper application and use of this product.



Physical Attachment

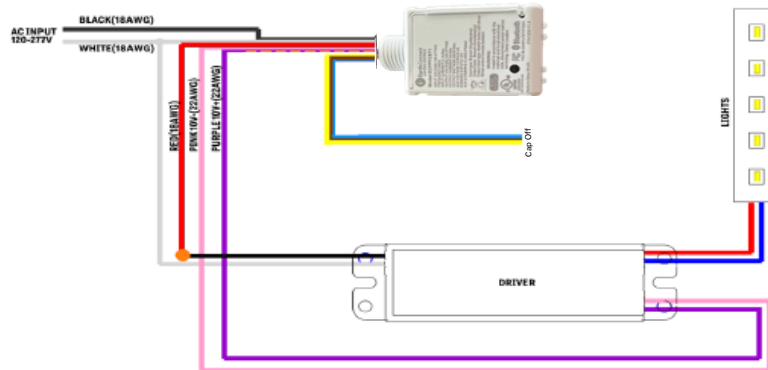
Communication Link

## PRODUCT DIMENSIONS



Mounting: 1/2" knockout  
 Dimensions: 3.22" L x 1.71" W x 1.25" H  
 Weight: 3 oz./ 0.1875 lbs  
 Case Material: Plastic  
 UPC: 840791117996

## WIRING DIAGRAM



## OPTIONAL ACCESSORIES



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

