Bluetooth® Mesh Controller 12VDC

Specifications

Input Voltage: 12VDC

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: 2.4GHz

Bluetooth Transmit:

200ft Max

Radio Frequency:

2.4GHz ± 75MHz

Bluetooth Version: 5

Housing Material: UL 94-V0

Indoor/Outdoor: Indoor only

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

Compliance: UL8750,

UL1376, RoHS

EarthTronics

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

ORDER CODE:
11804

MODEL NUMBER:
ECFALV

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 11804 fixture adapter is designed for Luminiare Level Lighting Control (LLLC/NLC) with sensor ready function. This adapter provides sensor port for sensor connection. The 11803 microwave sensor is recommended for use with this fixture controller.

PRODUCT FEATURES

+ Dim to Off driver with 12VDC output
+ Integral Bluetooth module
+ Designed for integration into luminaries for Luminaire Level Lighting Control (LLLC)
+ Sensor-ready attachment port for EarthTronics microwave sensors 11803
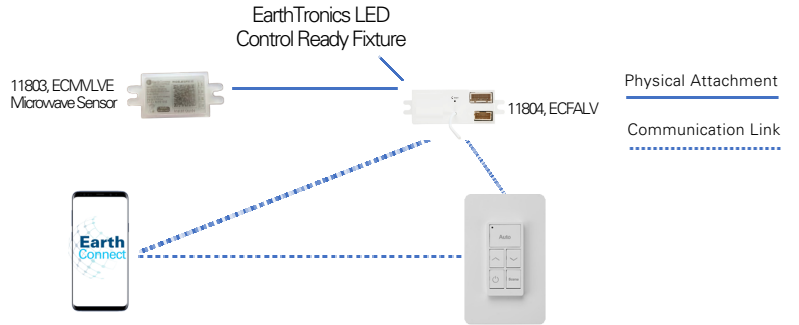+ 0-10V dimming compatible

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).
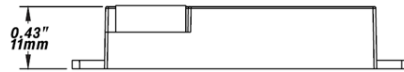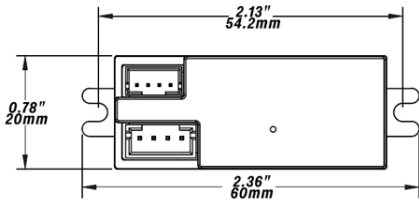
App Icon

EarthConnect

Download on the **App Store**

GET IT ON **Google Play**

Download App

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

EarthTronics LED
Control Ready Fixture

11803, ECMVLVE
Microwave Sensor

11804, ECFALV

Physical Attachment

Communication Link

PRODUCT DIMENSIONS

2.13"
54.2mm

0.78"
20mm

2.36"
60mm

0.43"
11mm

Dimensions:
2.36"L x 0.43"W x 0.78"H

WIRING DIAGRAM

AC 120-277V

L

N

LED Driver

OUT
TO LED
LOAD

CCT+
Dim+
12V+

12V-
Dim-

11804

11803

FFC(24AWG)			
WHT	WHT	WHT	WHT
GND	SEI	SEN	12V+
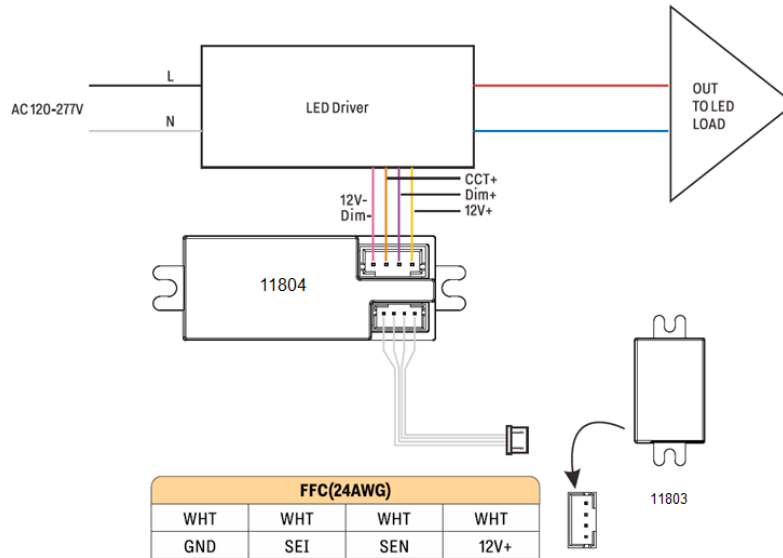
OPTIONAL ACCESSORIES

Microwave Sensors for
Low Bay Fixtures

Order Code: 11803

Dimmer Switch / Key Pad
Order Code: 11808

LEARN MORE: EarthConnect
www.earthtronics.com/earthconnect

Download the EarthConnect App

Download on the App Store

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Download App

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c U L us

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