Specifications

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 ± 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

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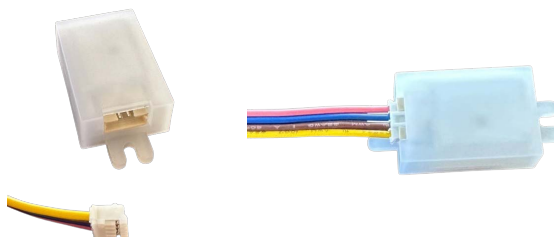
Norton Shores, Michigan 49441
T: 231.332.1188 | F: 231.726.5029
TOLL FREE: 866.632.7840
www.earthtronics.com

Microwave Sensors for Low Bay Fixtures
Requires BlueTooth® Mesh Controller

ORDER CODE:
11803

MODEL NUMBER:
ECMVLVE

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 11804 Bluetooth® Mesh fixture controller 12VDC operation. For use with low bay fixtures such as LED Vapors and LED Strips.

PRODUCT FEATURES

+ 11803, ECMVLVE is a microwave occupancy sensor
+ Designed to operate with 11804 Bluetooth® Mesh fixture controller 12VDC operation
+ Factory installed with order
+ Indoor or outdoor use only
+ IP20 rating
+ Controlled via EarthConnect mobile app or keypad (purchased separately)

APP FEATURES
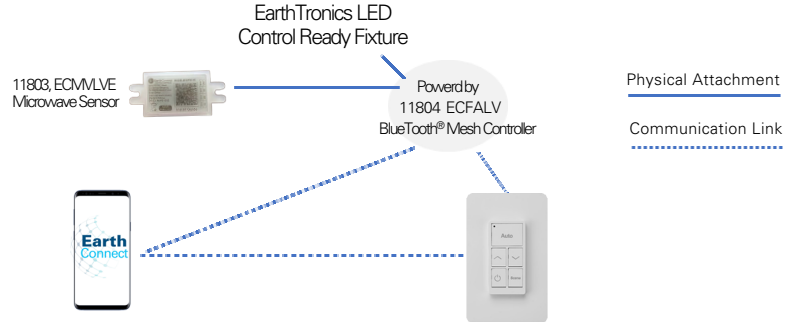
+ Wirelessly group luminaires to act in sync with each other.
+ Convenient commission via smartphone or wireless Bluetooth® wall switch, On/Off/ Dim.
+ Pre-set brightness for individual or group of luminaires under different scene buttons, arouse all settings with one button.
+ Support setting delay 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).
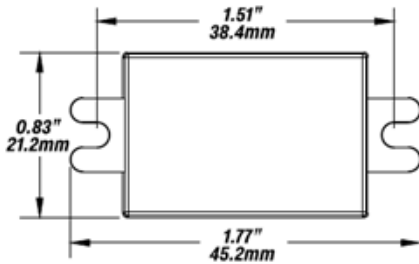
App Icon

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

Powerd by
11804 ECFALV
BlueTooth® Mesh Controller

Earth Connect

Physical Attachment

Communication Link

PRODUCT DIMENSIONS

1.51″
38.4mm

0.83″
21.2mm

1.77″
45.2mm

0.45″
11.5mm

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

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+
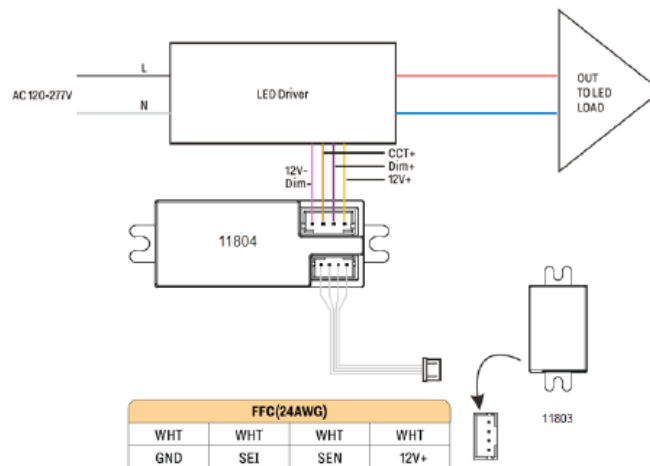
OPTIONAL ACCESSORIES

BlueTooth® Mesh
Fixture Controller

Order Code: 11804

Dimmer Switch / Key Pad
Order Code: 11808

LEARN MORE: EarthConnect
www.earthtronics.com/earthconnect

Download the EarthConnect App

Earth Connect

Download on the App Store

GET IT ON Google Play

Download App

FC   c UL us

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