Specifications

ELECTRICAL

Input Voltage:
AC120/277VAC, 50-60Hz

Input Current: 10A Max
@120V, 4.3A Max @ 277V

Input Power: 1200W Max

Output Voltage: AC120-277V

Output Current: 10A Max
@120V, 4.3A Max @ 277V

Output Power: 1200W Max

Dimming: Class 2, 0-10V

Sinking Current: 10 mA Max

Wireless Frequency:
2.4GHz

Wireless Protocol:
Bluetooth® 4.2

Sensor Detection Height:
40- 80 ft

Mounting Height:
20- 40 ft

Operating Temp. Range:
-22°F (-30°C) to 131°F (55°C)

Lifetime Rating: 50,000 hrs

Dimensions:
4.03"L x 3.91"W x 2.36"D

CERTIFICATIONS

UL: Yes, UL8750

FCC: Yes Part 15.247

IP66: Yes

FOR USE WITH EARTHTRONICS:

• LED Linear Highbay

EarthTronics

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

Linear Highbay Bluetooth® Mesh Sensor/ Controller

120/277VAC with built-in PIR Sensor

Bluetooth®

ORDER CODE:
11805

MODEL NUMBER:
ECHBPIR1

**PIR SENSOR
DAYLIGHT HARVESTING**

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. Sensors automatically read light levels and determine how to best illuminate your space. It's simple and intuitive. Using the EarthConnect app, nodes can be commissioned without the need for a gateway or internet access. Ideal for use with EarthTronics LED Linear Highbay.

PRODUCT FEATURES

+ Sensor built-in into fixture
+ Bluetooth® Network Technology
+ Features a PIR occupancy sensor which detects motion in the coverage area and automatically turns off light when motion is no longer detected
+ Daylight harvesting/ photocell threshold, allows for continuous dimming with natural light
+ Personal control sensor via App or wireless wall switch
+ Dry or damp locations
+ For use with EarthTronics LED Linear Highbay

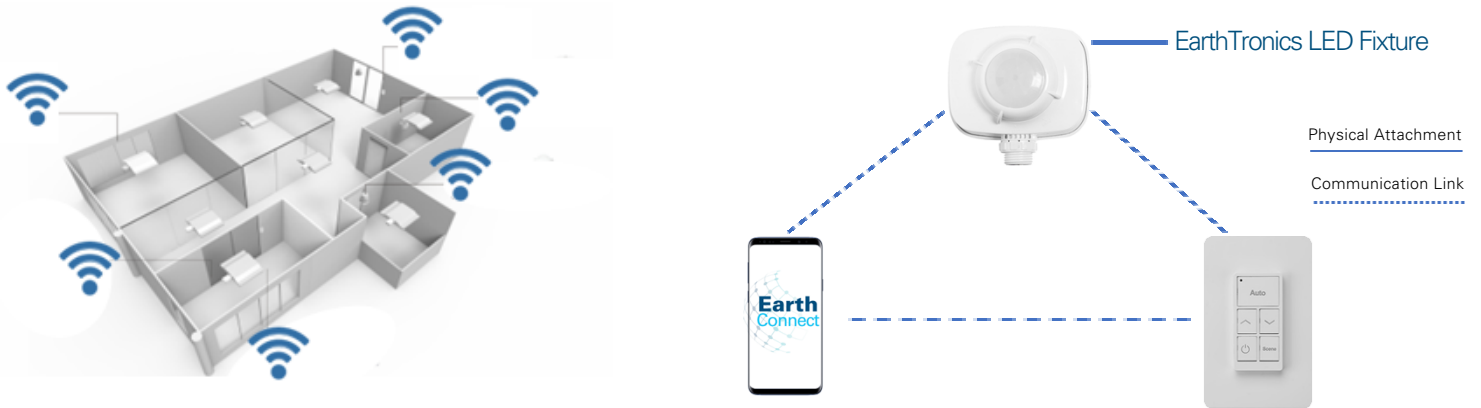### APP FEATURES

+ 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 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).
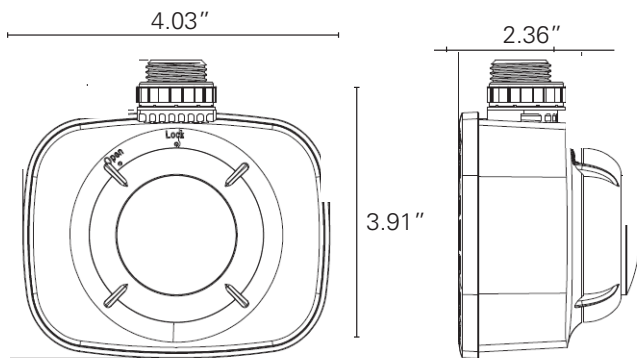
App Icon

Earth Connect

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 Fixture

Physical Attachment

Communication Link

Earth Connect

Auto

PRODUCT DETAILS

4.03″

2.36″

3.91″

Lock
Open

Mounting: 0.5″ knockout
Dimensions:
4.03″L x 3.91″W x 2.36″D
Weight: 6 oz./ 0.375 lbs
Case Material: Plastic
UPC: 840791118054

WIRING DIAGRAM

Black (L) Hot

Black

Violet 10V+

Gray 10V-

LED (+)

Power

LED Driver

LED Module

L1 (Load Red)

LED (-)

White

White (N) Neutral
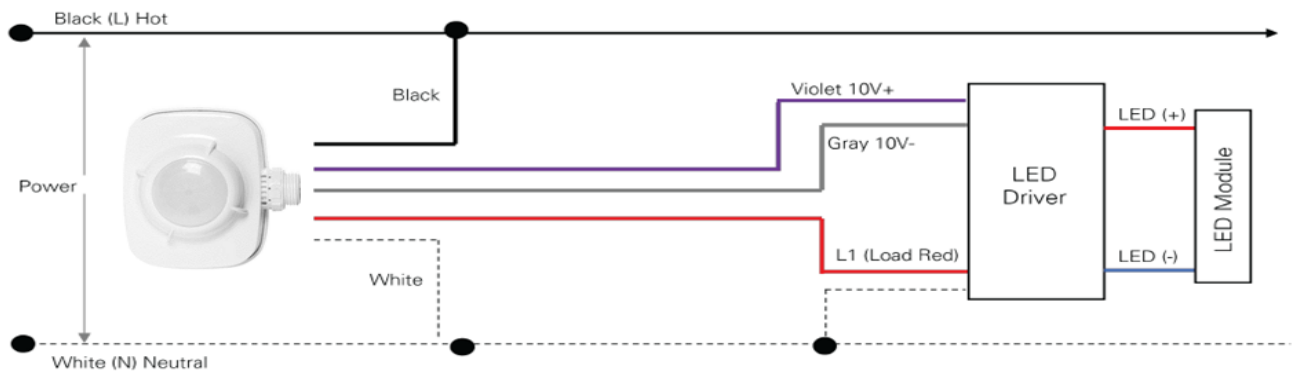
OPTIONAL ACCESSORY

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

Auto

LEARN MORE: EarthConnect
www.earthtronics.com/earthconnect

Earth Connect

Download the EarthConnect App

Download on the **App Store**

GET IT ON **Google Play**

Download App

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