

# ULPLUS-DT12-CM

UltraLink+ Fixture Controller with Dual Technology  
Occupancy Sensor, 12' Ceiling Mount



The ULPLUS-DT12-CM is a ceiling mount Bluetooth Fixture Controller with a Dual Technology Occupancy Sensor suitable for 8' to 12' mounting heights. It uses both passive infrared (PIR) and Ultrasonic technologies for improved detection coverage in indoor applications where a standalone PIR sensor may not suffice, for example in high ambient temperature spaces. It connects to a Bluetooth mesh network and it can be accessed with the UltraLink+ web portal or mobile app for initial design, setup, and configuration.

## TECHNICAL SPECIFICATIONS<sup>1</sup>

- **Construction:** White polycarbonate.
- **Sensing Technology:** Passive infrared (PIR) + Ultrasonic.
- **Input Voltage:** 12-24V DC.
- **Current Consumption:** 50mA.
- **Control Output:** 0-10V, 150mA.
- **Operating Temperature Range:** -30°C to +70°C (-22°F to +158°F).
- **Max Mounting Height:** 12ft (3.6m).
- **Max Sensor Range:** 37ft (11.3m) radius.
- **Max Bluetooth Range:** 100ft (30.4m) line of sight.  
Range is highly dependent on the integration of fixtures, environment and conditions. It is recommended to conduct testing for range accuracy.

## LISTINGS

- FCC, UL, UL 924, DLC, Bluetooth Declaration ID: D062134.
- Conforms with DLC NLC5 Cybersecurity Standards.

## FEATURES

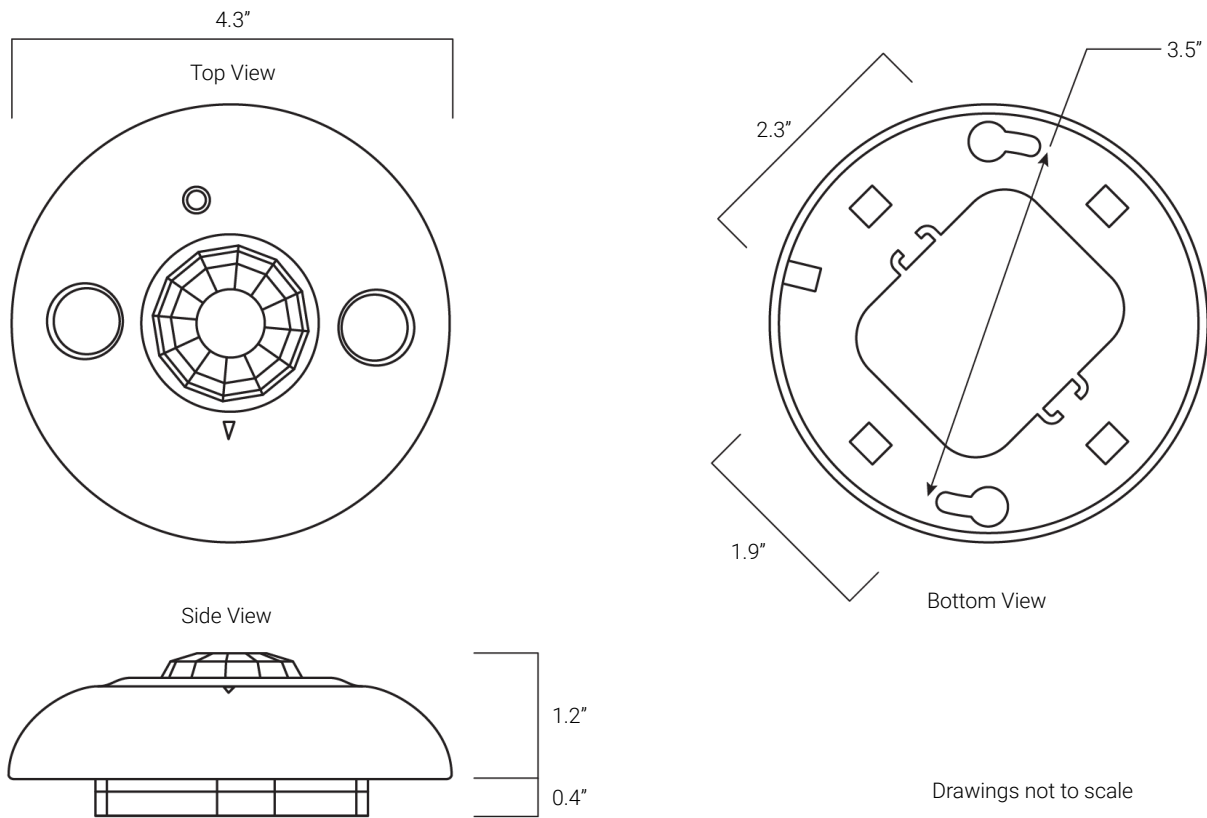
- LED motion indicator.
- Turns lights on automatically when motion is detected and turns lights off automatically after the area is vacated.
- Programmable settings include time delays and brightness and can be set through the UltraLink+ mobile app.
- PIR + Ultrasonic detection is 360° coverage pattern, best suited for areas with a clear line of sight and good air circulation.
- Advanced functionality such as energy monitoring, and demand response is available with the optional UltraLink+ Dashboard.
- The sensor can operate with a driver that has an auxiliary output (12V).
- Suitable for indoor use only.
- Mobile app available for iOS and Android devices.



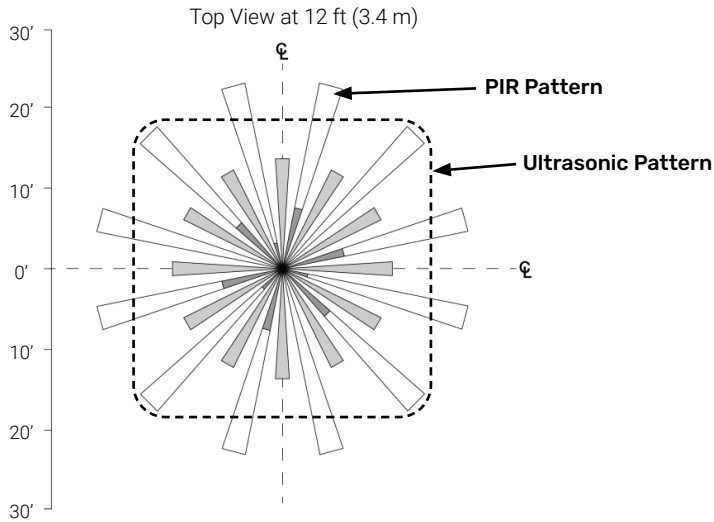
## ORDERING

Part Number	Description
<b>ULPLUS-DT12-CM</b>	UltraLink+ Bluetooth NLC Wireless Ceiling Mount Fixture Controller with Dual Tech Occupancy Sensor (PIR + Ultrasonic), 8' to 12' Mounting Height, BubblyNet Firmware. Field Installed, includes Power Supply. Additional electrical materials may be required for installation.

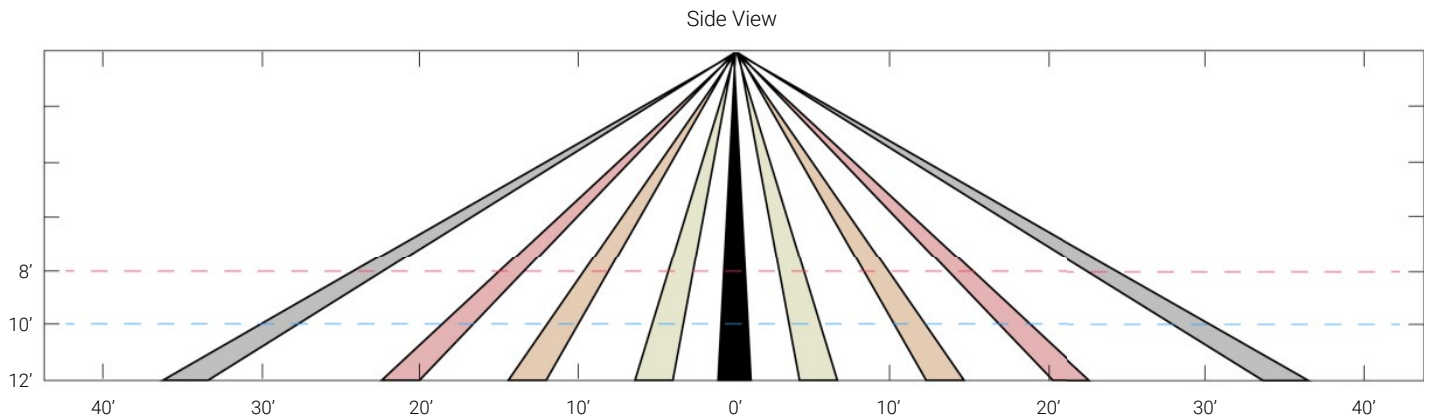
## DIMENSIONS & DRAWINGS



## SENSOR COVERAGE



Note: The application/absolute range of the sensor is subject to variation because of different types of clothing, backgrounds, and ambient temperature. Therefore, ensure the lens is properly oriented along routes with expected traffic and conduct testing along those routes.



## FOOTNOTES

1. The performance of this product is influenced by various factors beyond Linmore LED's control, including but not limited to environmental conditions, user settings, and proper maintenance. While we provide detailed specifications and guidelines to help optimize performance, we cannot guarantee or be held liable for its performance under any particular circumstance(s). Customers are advised to test the products in their specific application environments to ensure suitability for their intended use.

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### Linmore LED Labs, Inc.

2360 S Orange Ave, Fresno, CA 93725 | 559 485 6010 | info@linmoreled.com | linmoreled.com

