Linmore LED
ULTRALINK+
WIRELESS CONTROLS SIMPLIFIED

ULPLUS-DT10-WM

UltraLink+ Fixture Controller with Dual Technology Occupancy Sensor, 10' Wall Mount

Bluetooth® NLC   TITLE 24   DLC LISTED   c UL us LISTED   FC

The ULPLUS-DT10-WM is a wall mount Bluetooth NLC Fixture Controller with a Dual Technology Occupancy Sensor suitable for 6' to 10' 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[1]

- **Construction:** White Polycarbonate.

- **Sensing Technology:** Passive infrared (PIR) + Ultrasonic.

- **Input Voltage:** 24V AC/DC.

- **Current Consumption:** 20mA.

- **Power Consumption:** ≤ 0.5W.

- **Control Output:** 0-10V.

- **Operating Temperature Range:** -10°C to +50°C (14°F to +122°F).

- **Operating Humidity:** Max 95% RH.

- **Dimensions:** 4.4" x 2.6" x 1.8" diameter (112 x 66 x46 mm).

- **Mounting:** Wall or Ceiling.

- **Mounting Height:** 6-10ft (1.8-3.6m).

- **Max Detection Area:** 110°, 50ft.

- **Max Bluetooth Range:** 200ft (60m) line of sight.

LISTINGS

- FCC, UL, DLC, RoHS, CA Title 24.

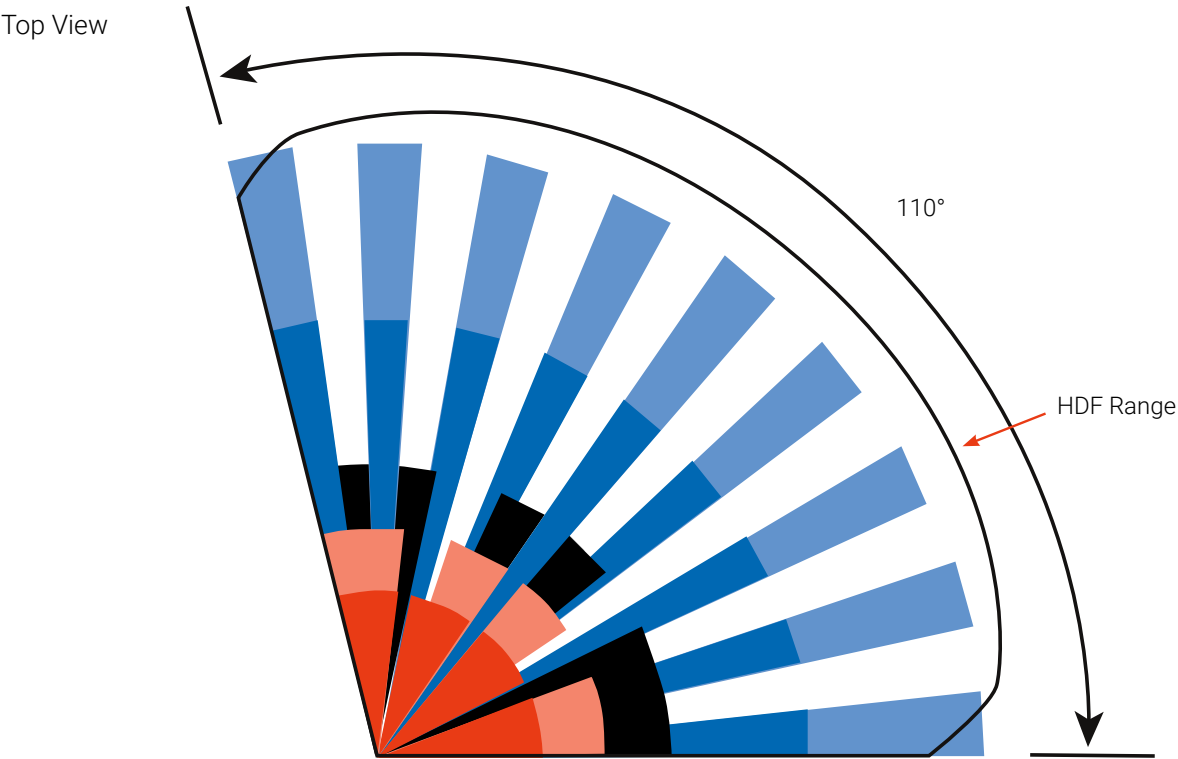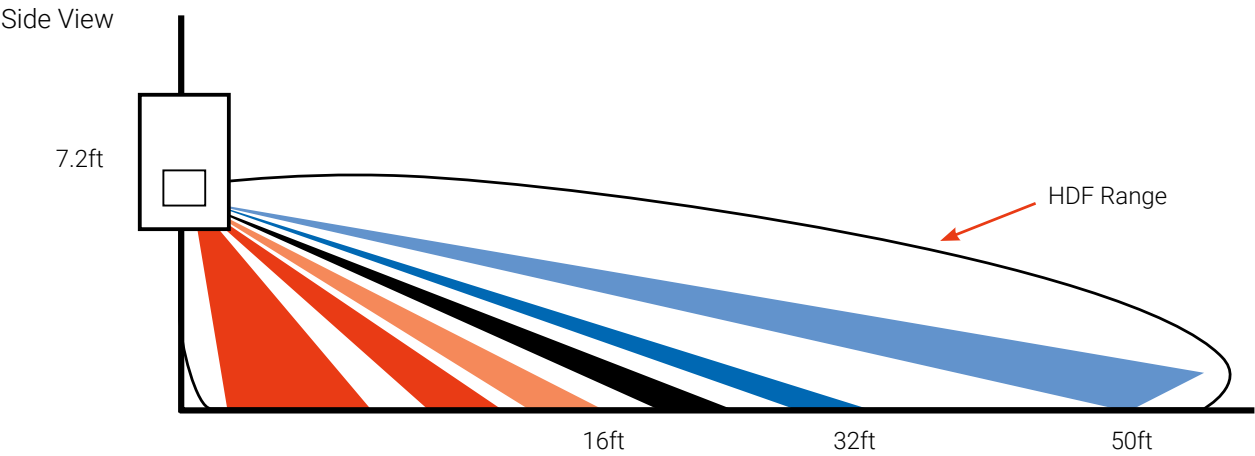- Conforms with DLC NLC5 Cybersecurity Standards.

FEATURES

- LED Indicator, Buzzer Output, Smart Delay, Force Off.

- PIR + High-frequency Doppler sensing technology.

- Bi-level dimming.

- Wall or ceiling mount with angle adjustability.

- Programmable Settings include time delays and brightness and can be set through the UltraLink+ mobile app.

- Advanced Functionality such as energy monitoring, and demand response available with the optional UltraLink+ Dashboard.

- Suitable for Indoor use only.
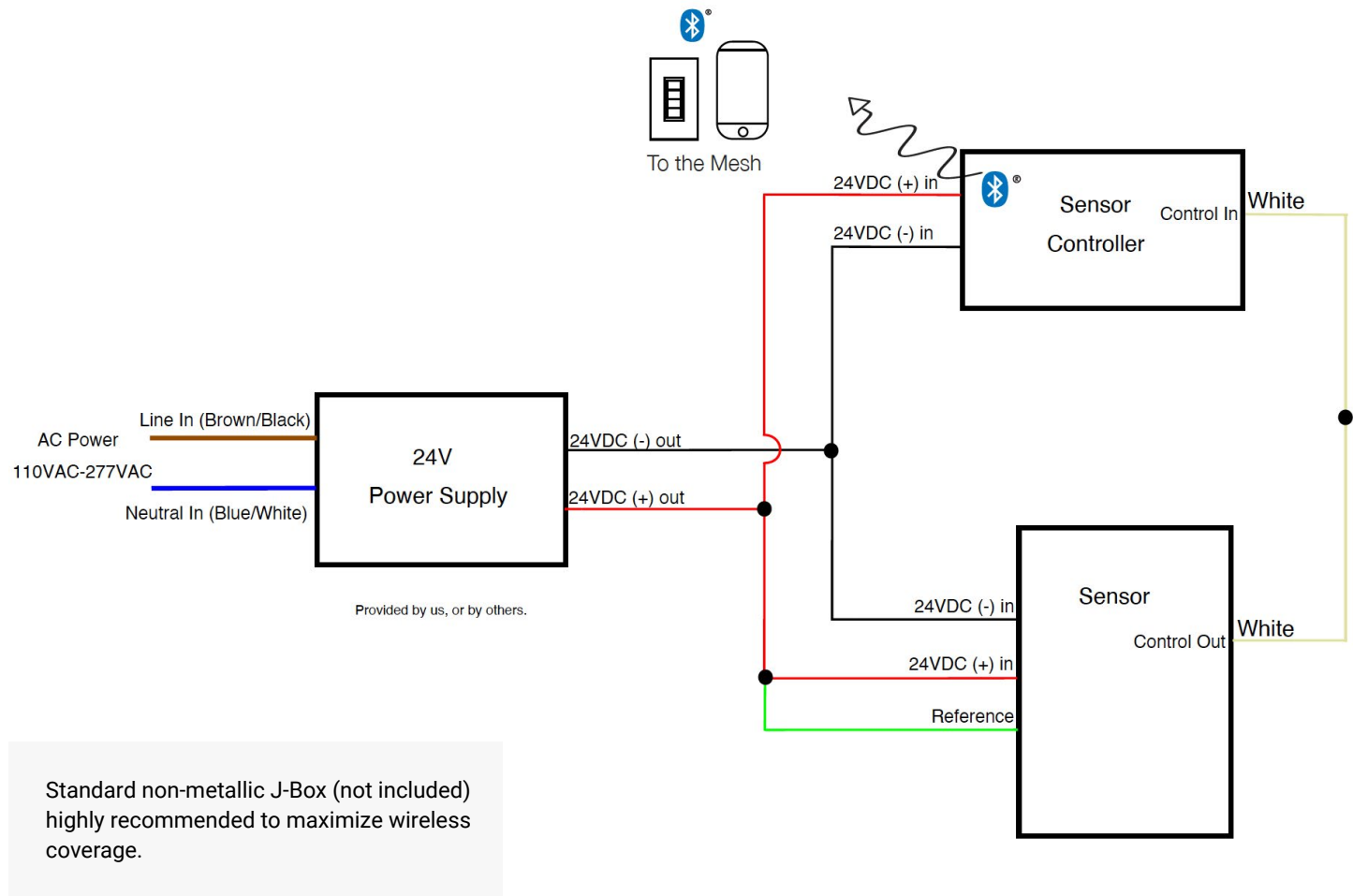
- Mobile app available for iOS and Android devices.

TRUSTED NLB NATIONAL LIGHTING BUREAU WARRANTY   5 YEAR PRODUCT WARRANTY

ORDERING

Part Number	Description
ULPLUS-DT10-WM	UltraLink+ Bluetooth NLC Wireless Wall Mount Fixture Controller, Dual Tech Occupancy Sensor (PIR + Ultrasonic), 6' to 10' Mounting Height, BubblyNet Firmware. Field Installed, includes Power Supply. Additional electrical materials may be required for installation.

SENSOR COVERAGE

Side View

7.2ft

HDF Range

16ft   32ft   50ft

Top View

110°

HDF Range

WIRING DIAGRAM

To the Mesh

24VDC (+) in

24VDC (-) in

Sensor
Controller

Control In — White

Line In (Brown/Black)

AC Power
110VAC-277VAC

24V
Power Supply

24VDC (-) out

24VDC (+) out

Neutral In (Blue/White)

Provided by us, or by others.

24VDC (-) in

Sensor

Control Out — White

24VDC (+) in

Reference

Standard non-metallic J-Box (not included) highly recommended to maximize wireless coverage.

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.

Updated: 2025/07/27