PROJECT DATE

NOTES

Linmore LED ULTRALINK+ WIRELESS CONTROLS SIMPLIFIED

ULPLUS-CO2-WM

UltraLink+ Wireless CO_2 Sensor, Wall Mount

The ULPLUS-CO2-CM is a wall mount Bluetooth NLC Wireless Sensor for CO_2, temperature, and humidity. This CO_2 NDIR (Non-Dispersive Infrared) sensor detects carbon dioxide levels by measuring gas absorption, ensuring indoor environments remain within safe CO_2 concentrations. It also monitors temperature and humidity to create healthier, more comfortable spaces while enhancing energy savings and workplace productivity. It connects via Bluetooth and can be accessed with the UltraLink+ web portal or mobile app for setup and configuration.

TECHNICAL SPECIFICATIONS[1]

- **Construction:** White Polycarbonate.
- **CO_2Sensor:** NDIR CO_2 sensor.
  - Measurement Range: 400ppm - 10,000ppm.
  - Accuracy: ± (30 ppm, 3%).
- **Humidity Sensor:**
  - Operating Range: 0% to 100%.
  - Pressure Range: 300-1,100 hPa ± 0.6 hPa.
  - Accuracy: ± 3 % r.H.
- **Input Voltage:** 3.3V DC.
- **Current Consumption:** 19mA.
- **Operating Temperature Range:** -40°C to +70°C (-40°F to +158°F).
- **Operating Humidity:** Max 95% r.H.
- **Mounting:** Wall.
- **Dimensions:** 3.3" x 1.5" x 0.6".
- **Max Bluetooth Range:** 200ft (60m) line of sight.

LISTINGS

- FCC, UL, DLC.
- Conforms with DLC NLC5 Cybersecurity Standards.

FEATURES

- Tracks air quality by monitoring CO_2 concentration levels, temperature, and humidity.
- Control over HVAC.
- Programmable settings can be set through the UltraLink+ mobile app.
- Advanced functionality available with the optional UltraLink+ Dashboard.
- Suitable for Indoor use.
- Mobile app available for iOS and Android devices.

TRUSTED NLB NATIONAL LIGHTING BUREAU WARRANTY

5 YEAR PRODUCT WARRANTY

ORDERING

Part Number	Description
ULPLUS-CO2-WM	UltraLink+ Bluetooth NLC Wireless Sensor for CO2, Temperature, and Humidity, Wall Mount, White Color, BubblyNet Firmware. Field installed.

INSTALLATION GUIDELINES

- Ensure the CO_2 sensor is placed within 30 feet of the closest Bluetooth Mesh-enabled device for reliable connectivity.
- It should be isolated from outside doors, windows and HVAC grids that can make the space appear to have more fresh air than it does.
- Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

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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