



ULTRAHGA

UltraLink Receiver with High-Gain Antenna



Technology Partner
SILVAIR



The UltraLink Receiver (ULTRAHGA) installs inside fixtures that don't have a sensor onboard.

It includes a high-gain antenna to drastically increase Bluetooth range and mesh quality. Sensors and switches send commands to the receiver through the Bluetooth mesh network, telling the fixture how to operate based on motion, daylight, switching, or scheduled events (ULTRAGATEWAY accessory required for time-based events). Typically, about 75% of fixtures will have a receiver and 25% will have sensors.

TECHNICAL SPECIFICATIONS

- Construction: Blue polycarbonate.
- Mounting: Fixture integrated.
- Antenna: 2.4 GHz omnidirectional high-gain antenna (4dBi max), IP65 rated.
- Input Voltage: 10.5-164 VDC.
- Dimming Technology: PWM / 0-10V
- Operating Temperature Range: -40°C to +85°C (-40°F to +185°F).
- Max Bluetooth Range: 100' (30.4 m) line of sight.
 Range is highly dependent on the integration of fixtures, environment and conditions. It is recommended to conduct testing for range accuracy.

FEATURES

- LED status indicator.
- Government-grade security.
- Settings are stored in internal memory in case of power failure.
- Reset button: press for 5 seconds for factory reset.
- Advanced settings and functionality such as length of time delays, fade time, energy monitoring, and demand response are available with the optional UltraLink Dashboard.
- 5-year product warranty.
- Technology partner Silvoir.

LISTINGS

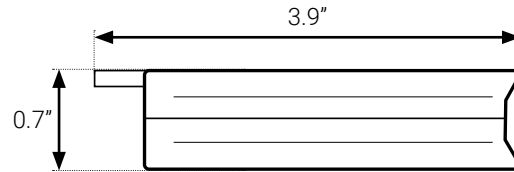
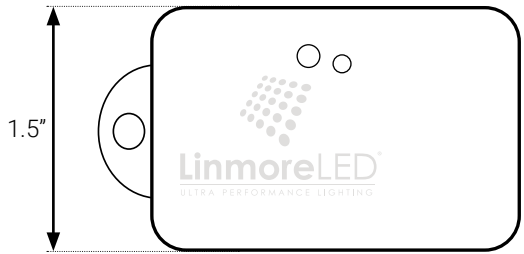
- CE, FCC, DLC.
- Conforms with DLC NLC5 Cybersecurity Standards.



ORDERING

Part Number	Description
ULTRAHGA	UltraLink Bluetooth Wireless Receiver, fixture integrated, 12V input, Silvair Firmware, includes 2.4 GHz Omnidirectional High-Gain Antenna.

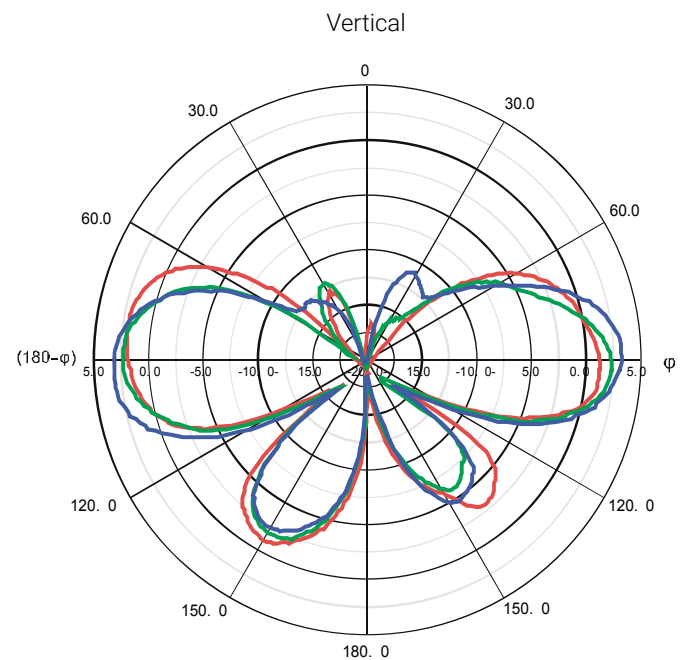
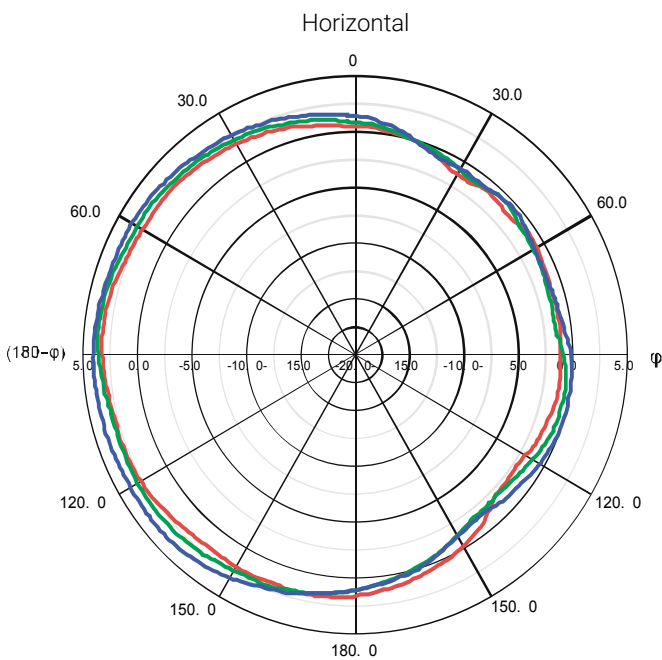
DIMENSIONS & DRAWINGS



Weight: < 1 lbs.

HIGH-GAIN ANTENNA PERFORMANCE

Radiation pattern at 2.4 GHz



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Linmore LED Labs, Inc.

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