

BRI-CMU308-LV-BLE-GE

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134

12-60V Wireless Dimming

Bluetooth Ultrasonic Sensor

BRI-CMU308-LV-BLE-GE is an ultrasonic occupancy sensor. The sensor actively emits high frequency sound waves (40kHz) and uses the Doppler Effect to detect motion.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. This device communicates wirelessly via Bluetooth Mesh technology allowing for wireless control of luminaires.

GEBC
Bluetooth®

Download on the
App Store



google play



Two ways of installation:

- Mounted 20° from vertical in wall fixture. Max Sensor Range: 23ft x 25ft
- Mounted parallel to floor in ceiling fixture Max Sensor Range: 18ft x 24 ft.



Electrical

·BRI-CMU308-LV-BLE-GE utilizes aBluetooth® Low Energy(BLE)mesh network.

·Max Bluetooth® range is100'(30m)line of sight and highlydependent on the integration offixtures, surrounding environment.It isrecommended to conduct testing forrange accuracy.

·Input Voltage I Current Consumption:12-60VDC,>100mA



SENSOR COVERAGE

Top view, BRI-CMU308-LV coverage pattern, sensor mounted 8' high, parallel to floor

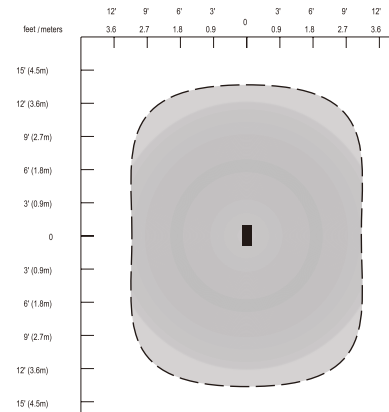


Figure 7.

Top view, BRI-CMU308-LV coverage pattern, sensor mounted 20° from vertical

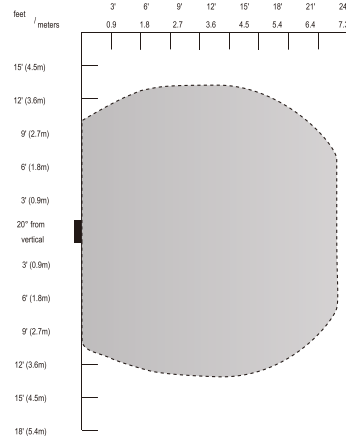


Figure 8.

APPLICATIONS

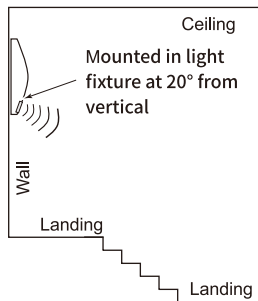


Figure 2a.

BRI-CMU308-LV Mounted 20° from vertical in wall fixture.

Mounted parallel to floor in ceiling fixture

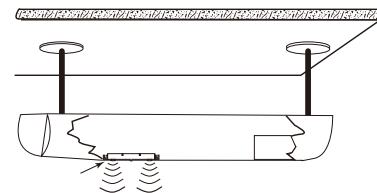


Figure 2b.

WIRING DIAGRAM

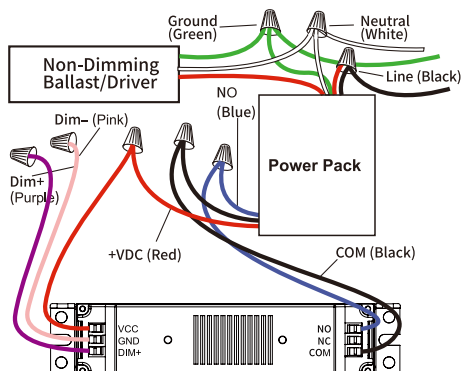


Figure 4.

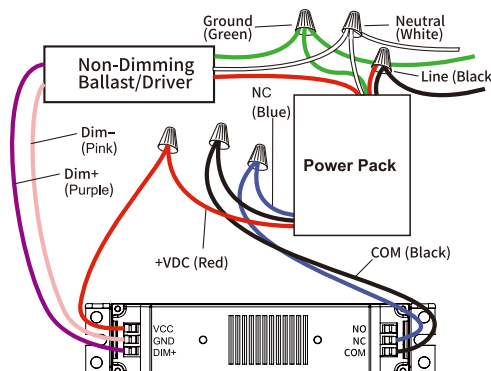


Figure 5.

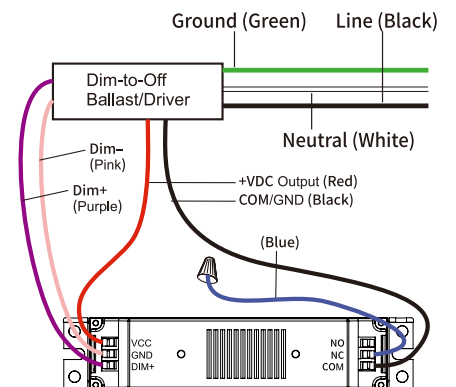


Figure 6.