

Project		Catalog #		Type	
Prepared by		Notes		Date	



# WaveLinx

## LITE Contact Closure Input Module (CCI-L-V)

Offers four dry contact inputs for the WaveLinx LITE system

### Typical Applications

Office • Education • Healthcare • Hospitality • Retail

### Interactive Menu

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- Meets latest ASHRAE Standard 90.1 requirements
- Meets latest IECC requirements
- Meets latest CEC Title 24 requirements
- Manufactured in an ISO 9001 certified factory

### Product Features



### Compatibility



## Overview

The LITE Contact Closure Interface module provides analog devices with an interface and network addressability. It offers four inputs for momentary or maintained contact inputs. The LITE Contact Closure Interface module communicates with other LITE devices using the 802.15.1 Bluetooth protocol. Each input is programmable using the WaveLinx LITE mobile app.

## Product Features & Benefits

- Four (4) dry contact inputs
- Plenum rated design with easy junction box mounting
- Supports momentary or maintained inputs
- Remotely configurable through WaveLinx LITE mobile app
- Communicates with LITE system

product diagrams

## Order Information

Catalog Number

Catalog Number	Description
CCI-L-V	WaveLinx LITE Contact Closure Input Module
	<b>Notes</b> WaveLinx LITE can only be commissioned with WaveLinx LITE App.

## Product Specifications

## Key Features

- Four (4) dry contact input uses
  - Demand Response
  - Alarm
  - After hours response
  - Master Switch Input
- Programmable by WaveLinx LITE mobile app
- Device identification LED
- Sensor Input (Contact 1 only)

## Mechanical

**Size:** 2.28" W X 3.34" H X 1.5" D (58mm x 85mm x 38mm)

**Weight:** 0.33 lbs (0.0 kg)

## Environment:

- **Operating temperature:** 32°F to 122°F (0°C to 50°C)
- **Storage temperature:** 22°F to 185 °F (-30°C to 85°C)
- **Relative humidity operating:** 5 to 95% non-condensing
- For indoor use only

**Mounting:** Junction box mounting

**Color:** Black

## Electrical

## Input Types:

- Four (4) dry contacts
- Push in connector

## Power:

- Accepts 24 AWG to 16 AWG wires
- 120-277VAC

## Network connection:

- **Range:** Device to device; 65ft (20m) LOS (best practice)
- **Radio:** 2.4GHz
- **Standard:** IEEE 802.15.1 - Bluetooth® 4.2 Low Energy (BLE)
- **Configuration type:** Router, End Point

## Standards/Ratings\*

- cULus Listed - Energy Management Equipment (UL916)
- UL Listed (UL508)
- FCC Part 15, Part B
- Manufactured in an ISO 9001 certified factory
- Meets latest ASHRAE Standard 90.1 requirements
- Meets latest IECC 2021 requirements
- Meets latest CEC Title 24 requirements

## Environmental Regulations:

- RoHS
- Plenum UL2043
- Chicago Plenum rated

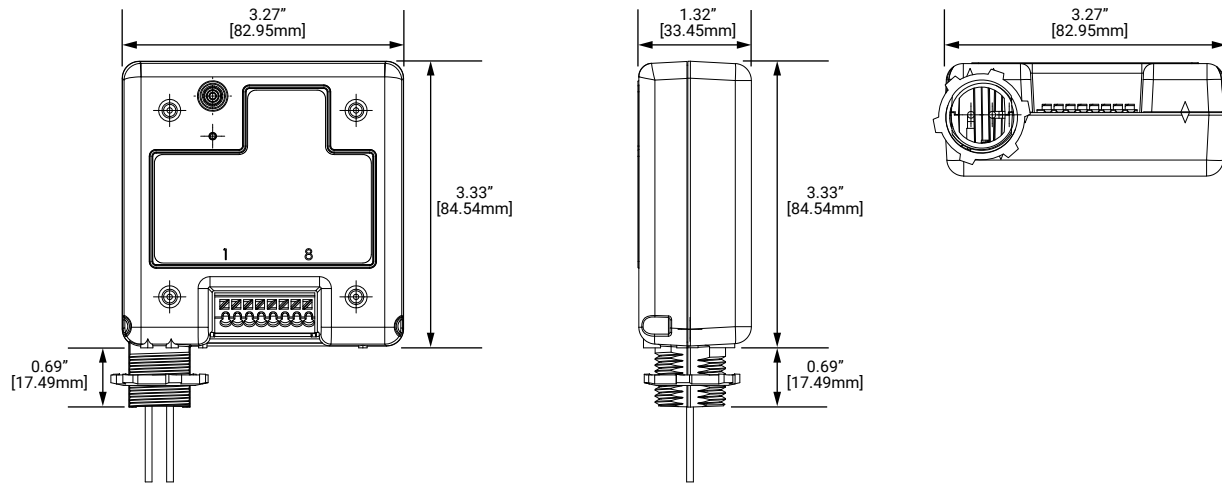
## Warranty

Five year warranty standard

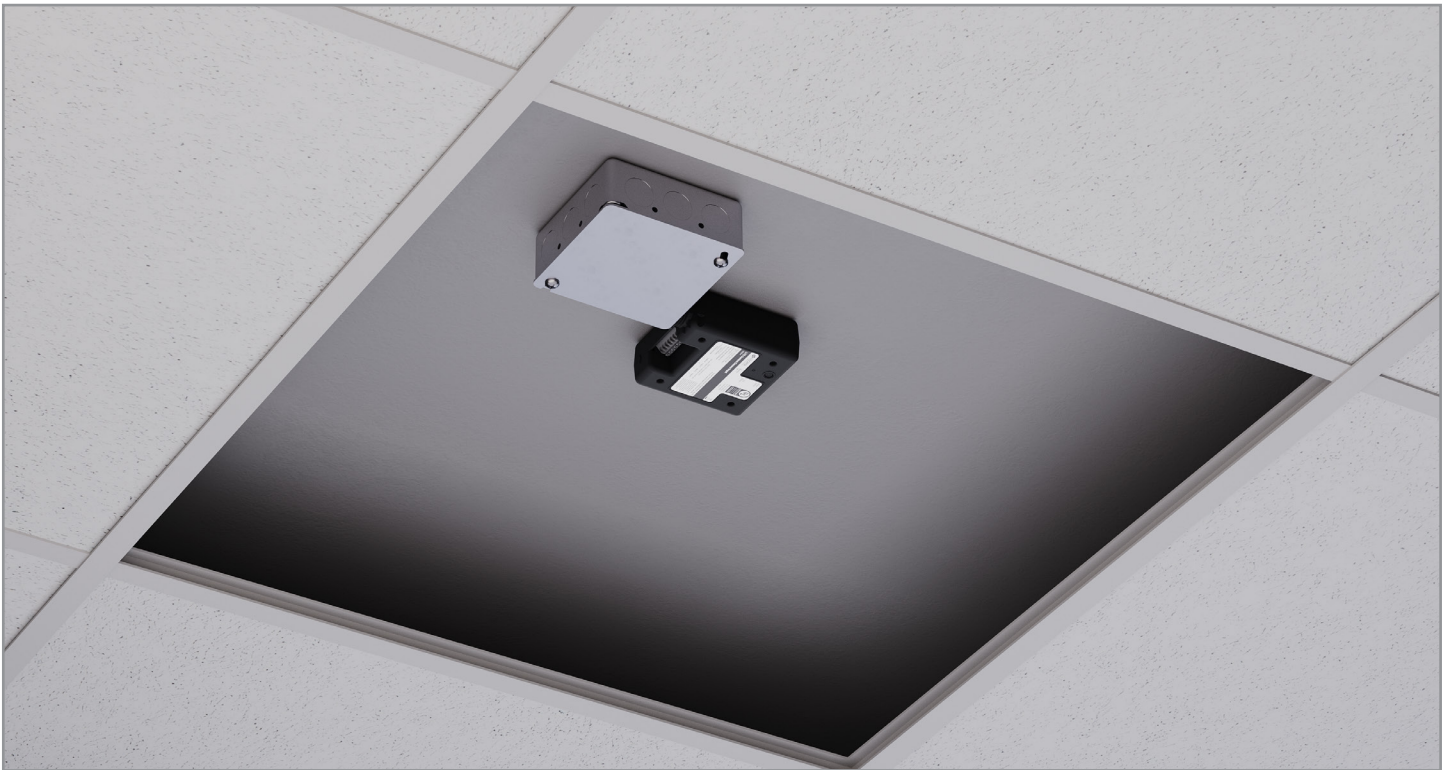


Download the WaveLinx LITE Mobile App from either the Google Play or Apple Store®

## Dimensional Details



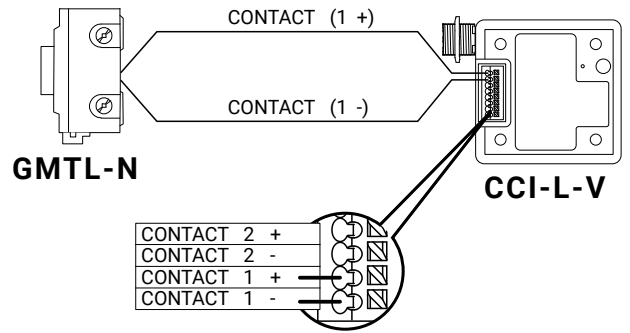
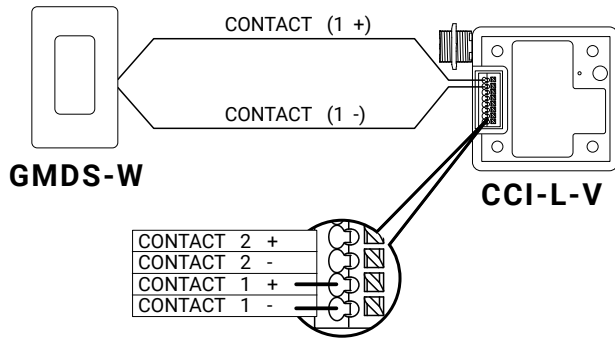
## Mounting



## Wiring Diagrams

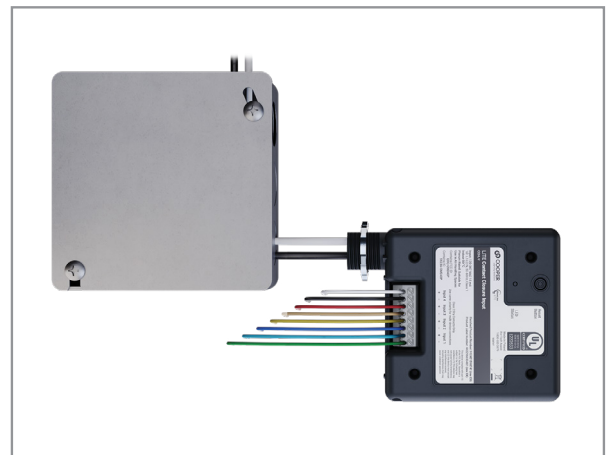
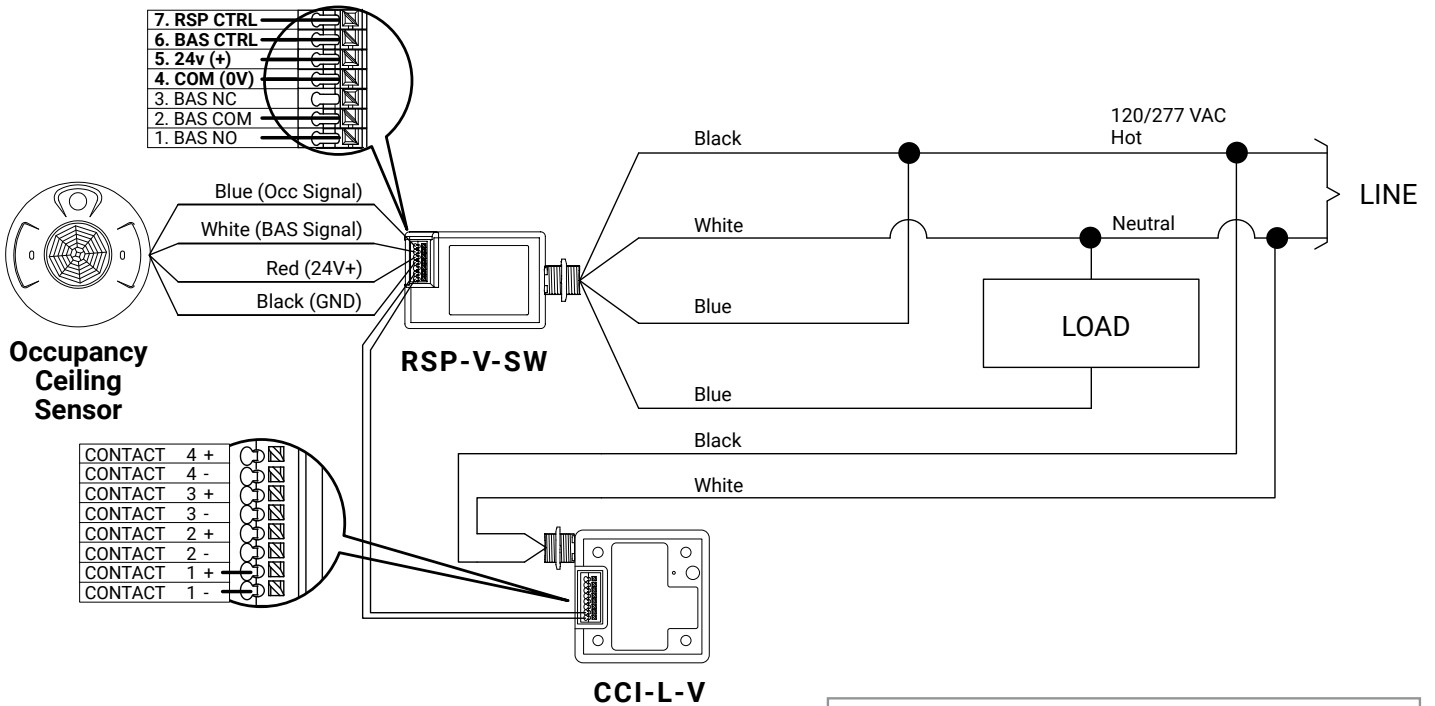
### Device used as a CCI

Note: The maximum wire length used to connect to the CCI-L-V is 1000 ft. with 16 AWG



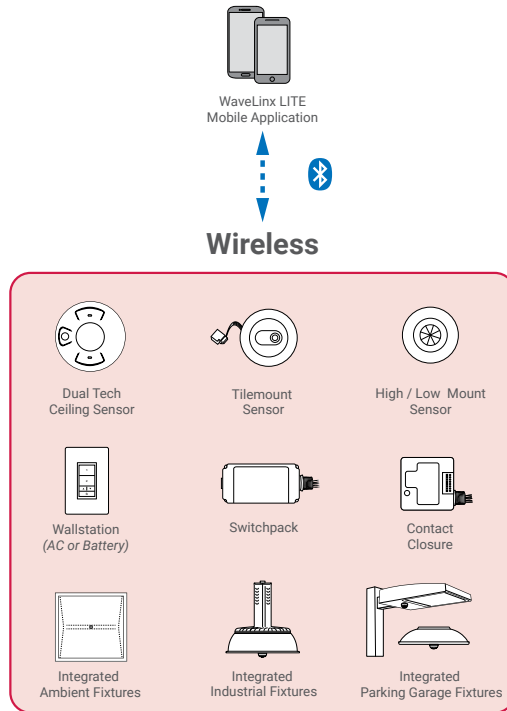
### Device used as an input to the occupancy sensor


Note: The maximum wire length used to connect to the CCI-L-V is 1000 ft. with 16 AWG



## System Diagram:

This diagram shows the main components and topology of the WaveLinx system with LITE devices. The WaveLinx LITE devices use standardized IEEE 802.15.1 (Bluetooth® 4.2 Low Energy) mesh technology for device to device communications without the requirement of a gateway. The WaveLinx LITE enabled luminaires provide out-of-the-box functionality for independent operation when energized. With the use of the WaveLinx LITE mobile application with MyApps secure cloud portal access, groups of independent luminaires may be created and maintained with areas, control zones, and occupancy sets. WaveLinx LITE devices are not currently compatible with the WaveLinx Area Controller.



 **Control Systems**  
• WaveLinx