

# Murata Bluetooth mesh Node Installation Guide




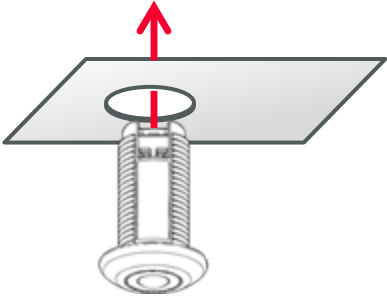
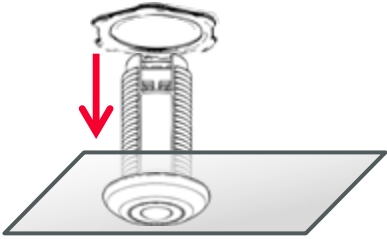
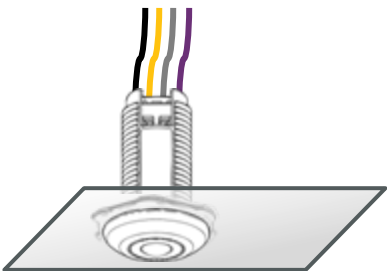
## Shipped Components

- Murata Bluetooth mesh Node (LBCC2ZZ1PR)
- Locknut

**Caution**

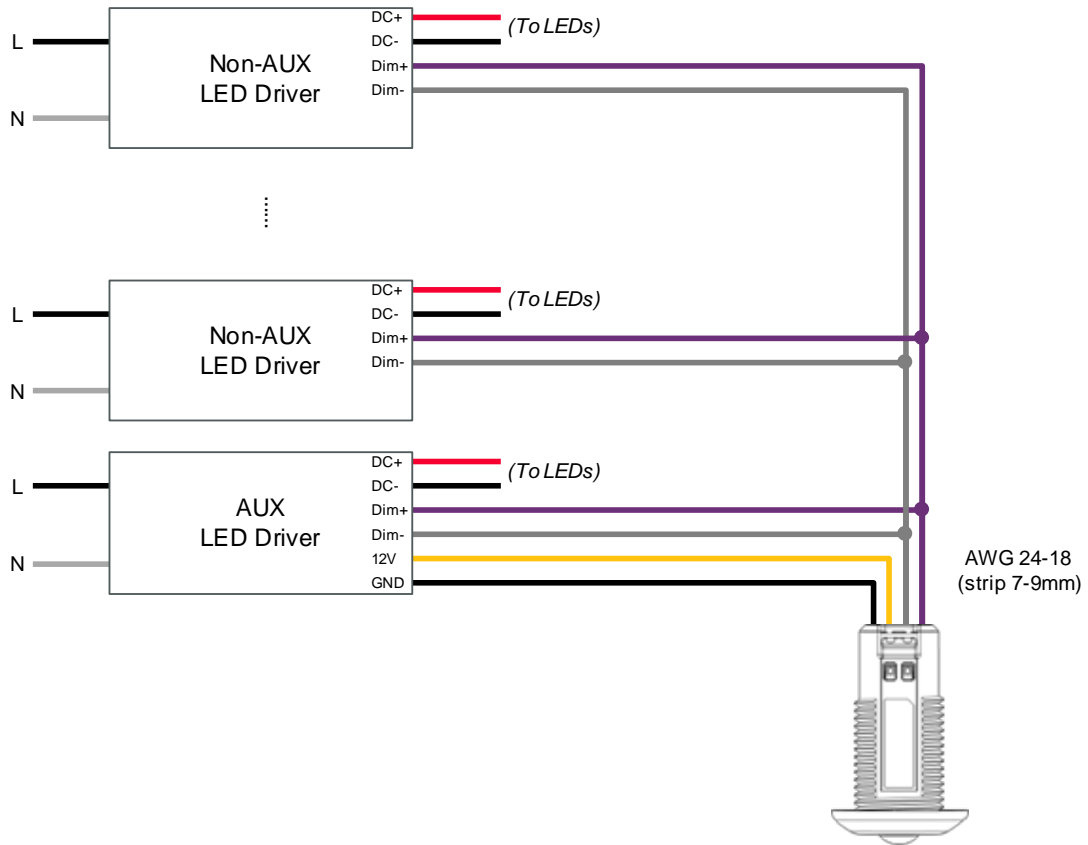
Installation and maintenance must be done in accordance with local, state and national electrical codes (NEC) and requirements.

**Bluetooth mesh Node Installation**

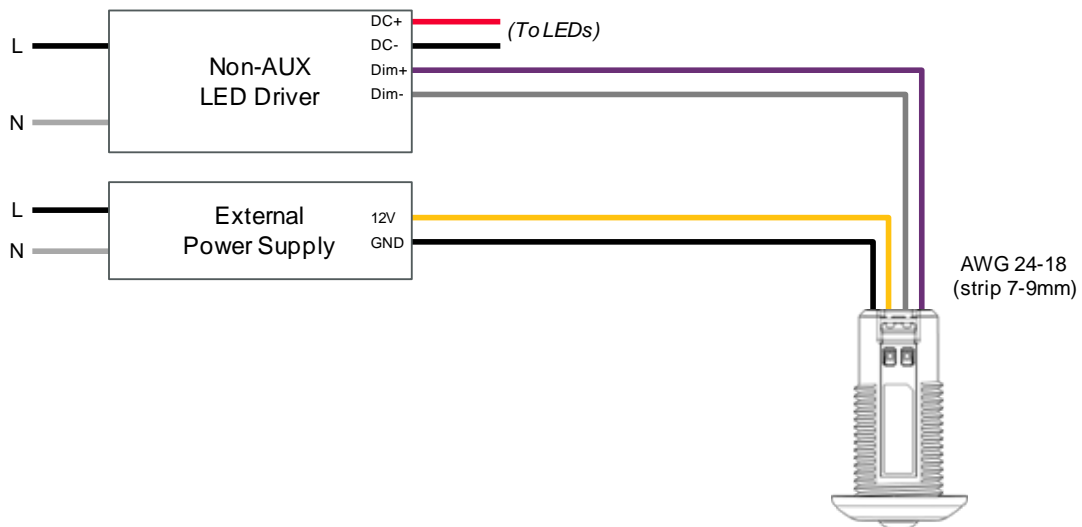
Step	Description	Figure
1	Make sure the luminaire is de-energized.	
2	Determine the location for the Bluetooth mesh Node in the luminaire and make a 7/8 inch (23 mm) diameter hole in the luminaire.	
3	Insert the Bluetooth mesh Node through the hole.	
4	Use the locknut from the rear of the sensor to fix the Bluetooth mesh Node.	
5	Connect the Bluetooth mesh Node with a compatible LED driver in accordance with Wiring Diagram and Terminal Assignment.	
6	Install the luminaire on the ceiling and energize it.	

## Wiring Diagram

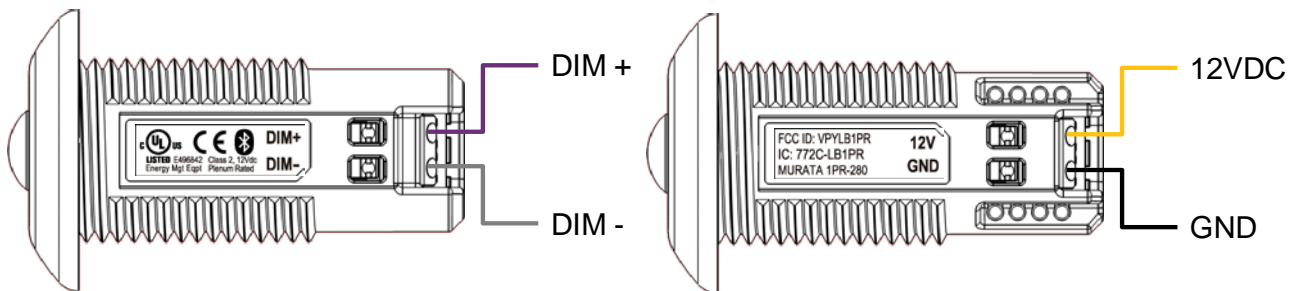
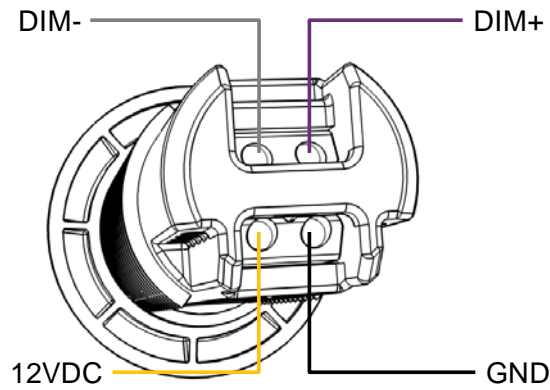
### Auxiliary 12 VDC supply from LED Driver



### External Power Supply



## Terminal Assignment



## LED Indicators

Green LED (Network Status)	
Fast blink (300ms cycle)	Unprovisioned
Slow blink (2000ms cycle)	Provisioned
Blink twice	Mesh packet received
Long blink	Factory reset
Red LED (Motion Sensor Status)	
Blink once	Motion detected

## General Information

Model No.	LBCC2ZZ1PR
FCC ID	VPYLB1PR
IC	772C-LB1PR

## FCC and Industry Canada Compliance Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage; (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-3 (B)/NMB-3(B)

