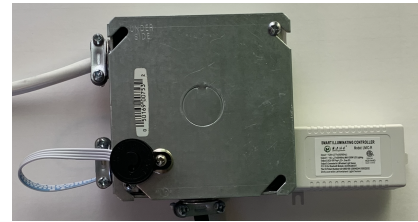


LMIC

LMIC-R w/ Ambient Light Sensor (ALS)



LMIC-R Controller



LMIC-R(J-Box) Controller with Ambient Light Sensor

Specifications

- AC Input Voltage - 110-277VAC | 50/60Hz
- Output Voltage - 110-277VAC | 50/60Hz 200W Max
- DC Output - 0-10VDC Linear Continuous Dimming
- 0-10V Dimming - 60_mA Max
- Operating Temperature - -4° to 120°F
- Wire Range - 18 - 22 AWG Wire
- LMIC-R Dimensions - 5.125" x 1.5" x 1.125"
- ALS Dimensions - 1.25" diameter"
- Bluetooth Range: Unobstructed: 250'
With Interior Walls: 35'
- Maximum Nodes/Devices in a Group/Network:
32,768

Description

The LMIC-R is a Bluetooth Mesh Controller that converts any 0-10V dimming light into a Bluetooth Mesh Node. The ALS is an ambient light sensor that harvests available light and inputs the ambient light level to the LMIC-R to maintain the set Brightness.

Operation

The LMIC-R operates on 110-277V. The ALS is powered internally from the LMIC-R. Once powered up, the device broadcasts its identification code waiting to be provisioned through the LMIC iPhone App. The LMIC-R is designed for use with LMenergysolution 0-10VDC LED lighting, but it is compatible with any 0-10VDC LED lighting.

For non-LMenergysolution dimming drivers, dimming performance of the LMIC-R depends on dimmability of 3rd party 0-10V driver. Expected results can only be determined by testing in our facilities the driver(s) to be controlled.

The LMIC-R will operate non-dimming LEDs, in that it will turn lights on and off based on the set brightness.

Features

- Simple to Install
- Converts any 0-10V dimming LED into a wireless controlled device.
- Programmable dimming curves
- Ambient Light Sensing (ALS) light harvesting
- Individual fixtures can be programmed with up to 10-time of day events.
- Bluetooth Mesh device to communicate with LMIC-T and other LMIC-Rs
- Does Not Require a Gateway
- 5-Year Warranty

Certifications

ETL, FCC, FCC ID of microwave module, FCC ID OF Bluetooth module

Installation

The installation very simple. The two wires for universal AC output are connected to the luminaire and two wires for 0-10V output are connected to the 0-10V input device. As soon as the LMIC-R is powered on through the AC input it will start broadcasting the non-provisioned advertising messages that will tell the LMIC app that a new device is ready to join. After the new LMIC-R joins the Mesh network it is ready to be configured (provisioned.) The LMIC-R can be installed inside fixtures, j-boxes, or inside its own UL listed enclosure. A non-metallic J-Box is recommended as to maximize Bluetooth coverage. LMIC-R (J-Box) is recommended is non-metal j-box is not available.

The ALS may be installed inside a troffer or outside of the fixture.

Support

Technical and Sales Support - (888) 924-4533

LMIC LMIC-R (J-Box) Wiring Instructions

Wiring Diagram

