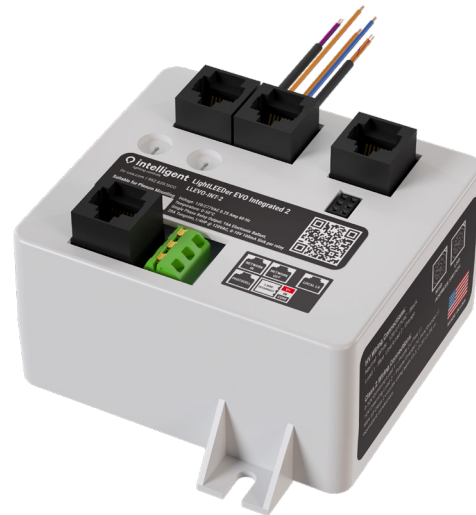




Overview

The LightLEEDer EVO Integrated 2 Relay Controller can operate up to two loads. This Controller includes the configuration options of an EVO with two on-board relays and 0-10V dimming integrated into one package for easy installation. The LLEVO-INT-2 relay Controller is ideal for a small office with two zones of lighting control with daylight harvesting or one lighting zone and a plug load. It has RJ-45 ports for local digital LightSync switches, occupancy sensors, and a photo sensor. This convenient and easy to install two relay Controller can be used as a stand-alone device or networked with other LightLEEDer panels.



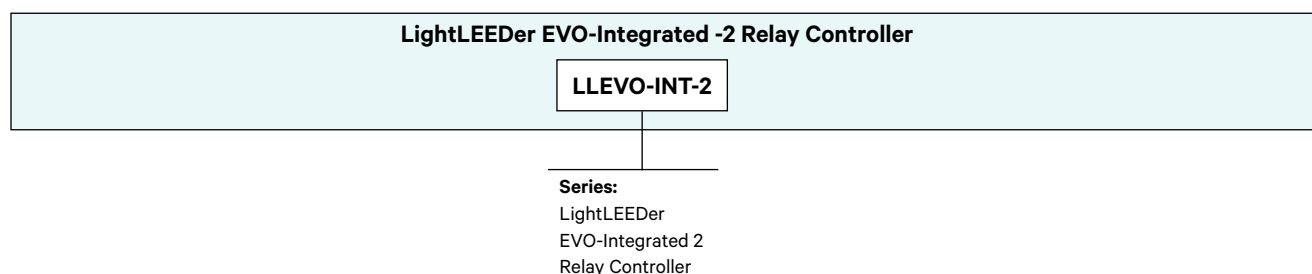
Features

- **Made in the USA, meets BAA and BABA requirements**
- **2 Isolated load relays** rated up to 20 Amps for lighting loads or plug-loads
- **Galvanically Isolated** 0-10V dimming outputs
- **Occupancy sensor** input with 3-wire terminal for motion sensor occupancy or vacancy control
- **Photocell Sensor** input RJ-45 port for daylight monitoring
- **RJ-45** port for digital LightSync switch devices
- **Power** for digital LightSync switches, photocell sensor and occupancy sensors
- **Easy installation** with everything Integrated in one convenient box
- **Oversized relays** for extended life of product with contacts designed for LED inrush current
- **Room Controller** remote panels supported
- **Pre-programmed** configurations for vacancy (F1) or occupancy (F2) motion sensors operation and LSG3 switches
- **Standalone or Networked** with any LightLEEDer controller or EVO panel
- **Enclosure** suitable for plenum mounting

Warranty

Five-Year limited warranty

Ordering

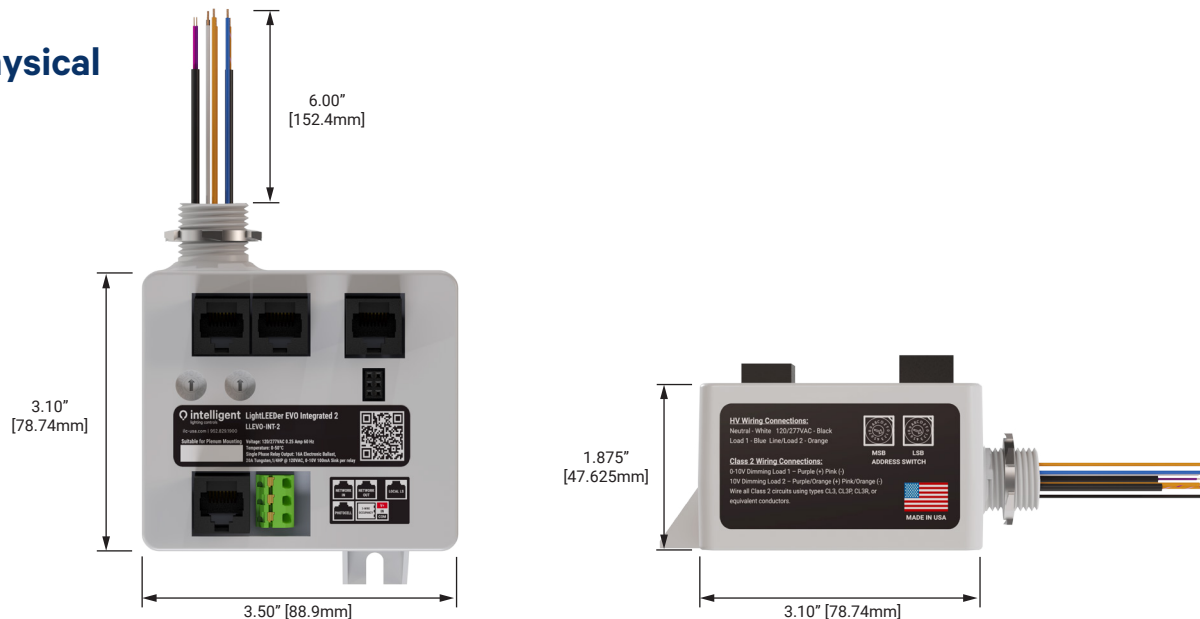


All ILC product configurations are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

LightLEEDer

EVO-Integrated -2 Relay Controller

Physical



Specifications

Safeguards:

- Power surge and spike suppression up to 123 volts from power supply to controller
- Memory retention for firmware and programming up to 200 years and electrostatic discharge to 4kV
- Galvanically isolation to 1500V for the 0-10VDC dimmer outputs, with revert to 100% on power loss

Physical:

- Enclosure: 3.10" x 3.50" x 1.875"
- Plastic enclosure with 1/2" nipple and mounting tab
- Color coded wire leads for easy field termination
- RJ-45 connectors provide for easy connections

Interfaces:

- Network In/Out ports for LightLEEDer system connection
- Occupancy sensor input with 3-wire terminal
- Photocell Sensor input with RJ-45 port for daylight sensor
- RJ-45 port for up to 61 digital LS CAT-5 device addresses

Operating Environment:

- Location: Interior space
- Operating Temperature: 0° to 50° C
- Humidity: 10% - 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary

Electrical:

- 120/277VAC @ .6 amps
- Dimming: 100mA sink per isolated output

Relays:

- 16A, 120/277VAC Electronic Ballast (LED)
- 20A 120/277VAC General
- 1/4 HP @ 120 VAC Motor Load

Inputs: 24VDC

- Powered LS Devices, Distance, Input power available
 - 1 CAT-5 Devices, 300' accumulative, 70mA Occupancy sensor power
 - 2 CAT-5 Devices, 500' accumulative, 60mA Occupancy sensor power
 - 3 CAT-5 Devices, 600' accumulative, 50mA Occupancy sensor power
 - 4 CAT-5 Devices, 900' accumulative, 40mA Occupancy sensor power
 - 20 LS Devices, 2000' accumulative, NO (0mA) Occupancy sensors
 - Note: Additional CAT-5 devices can be supported by adding a LSPSR4 or LSPSR6

Domestic Preferences:

Domestic preference options to meet BAA or BABA requirements. BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](https://www.domesticpreferences.com) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyze under domestic preference requirements.

Certifications and Approvals:

- UL and CUL listed
- FCC Part 15
- Title 24
- ASHRAE compliant
- IECC compliant