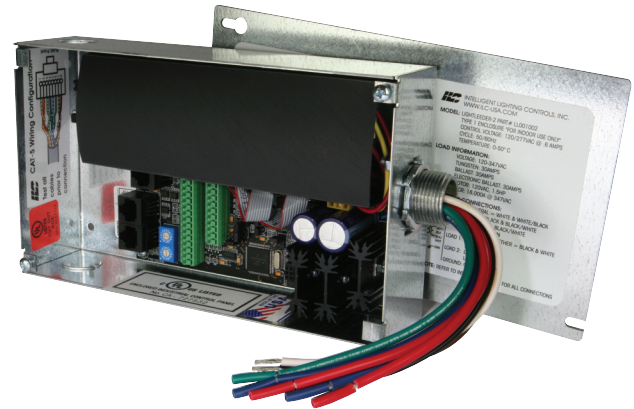




LightLEEDer 2 Load Room Controller

- All products Made in the USA
- 2 load programmable Room Lighting Controller
- Stand-alone or Networked
- LightSync switch capable
- Built-in photo controller
- Occupancy sensor interface
- 0-10V dimming control
- Suitable for plenum mounting



Overview

The LightLEEDer-2RC Room Lighting Controller is a 2-relay full featured mini panel with the common features desired for today's 1 or 2 room control. It has been designed to be used as a stand-alone panel or can be used as an expansion or remote panel from a standard LightLEEDer panels local port. As with all of our LightLEEDer panels, it comes with our Reliant40 latching relays which feature a four contact design - the first true 40Amp lighting relay. It also has integrated electronics for two dimming outputs for controlling 0-10V dimming ballasts, two inputs for photocell heads, four hardwired inputs, power for occupancy sensors, and a local LightSync port for up to two 6-button data line switches.

Features

General Information:

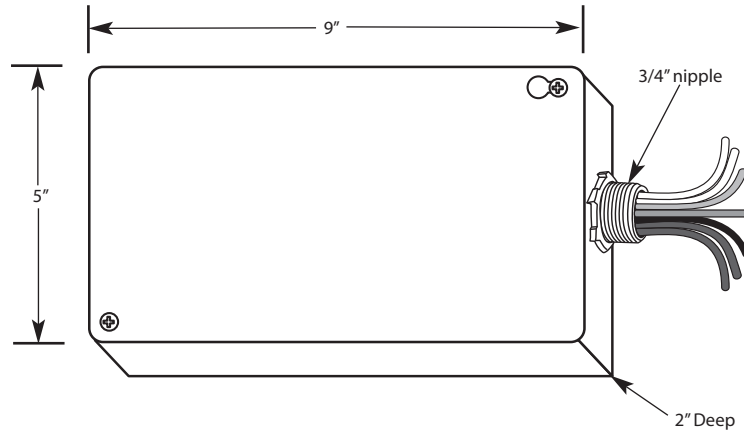
- **Made in the USA**
- **2 load** Programmable Room Lighting Controller
- **Relays** are the superior Reliant40 design
- **Standalone** or networked from a LightLEEDer controller
- **Expansion** provided from a LightLEEDer's local port
- **Compatible** with LL-4RC and LL-4X panels
- **Dimming** 0-10V outputs integrated for controlling 2 zones
- **4 Inputs** for hardwired switches or occupancy sensors
- **Power** for occupancy sensors
- **Photocell** controller integrated for 2 heads
- **LightSync data line** device ready utilizing RJ45 connectors and standard CAT-5 cabling for data line
- **Suitable** for plenum mounting

LightLEEDer Expansion Processor (optional):

- Processor for only controlling remote LL-2RC, LL-4RC, or LL-4X panels
- Controls up to 16 LL-2RC, LL-4RC, or LL-4X remote panels
- Provides a sub-net local port for communications
- Allows LightSync data line devices and power
- Provides all standard panels controls to remote panels
- Interconnects with standard panels
- Combine up to 255 sub-net or standard panels per lighting system



Physical



Specifications

Safeguards:

- Power surge and spike suppression up to 123 volts on the 24VAC power input
- Memory retention for firmware and programming up to 200 years and electrostatic discharge to 4kv

Physical:

- Enclosure: 5" x 9" x 2" NEMA 1 with screw cover
- 3/4" nipple for mounting to an electrical box
- 6" wire leads provided for high voltage connections
- Push-to-connect low voltage connections
- Provided with pre-drilled mounting holes
- High voltage barriers separate Class 2 wiring

Integrated Interfaces:

- 4 inputs for hard wired switches or occupancy sensors
- Power for occupancy sensors
- Dimming 0-10V outputs for controlling 2 zones
- Photocell controller for 2 heads or zones
- LightSync port for up to 2 data line switches

Electrical:

- 120/277VAC @.6 amps (120/347VAC Optional)
- Input: 24 VDC @ 200mA maximum draw
- Dimming: 100mA sink

Relays:

- Superior breaker style design
- 40 amp relays de-rated to 30 amps
- 30 Amps ballast or resistive loads
- SCCR to 18,000 symmetrical amps

Operating Environment:

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

Certifications and Approvals:

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

Ordering

