

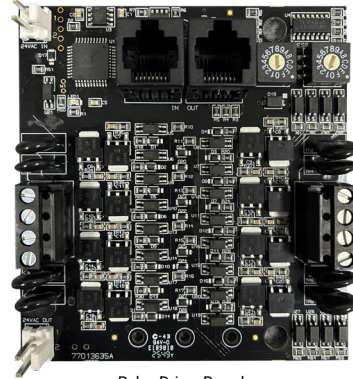
LightLEEDer

Douglas Retrofit Kit (LLDRK)



Overview

The ILC LightLEEDer Douglas Retrofit Kit (LLDRK) allows users to update legacy Douglas lighting control systems, while maintaining the existing 2-wire relays. Upgrading to the LightLEEDer system requires the installation of a CPU module, an additional transformer to power electronics, and a DIN rail mounted relay driver board for each set of 8 relays. This solution reuses the existing enclosure, high voltage wiring, conduit, and relays if desired.



Relay Driver Board

Features

- Made in the USA, meets BAA and BABA requirements
- Installs directly into existing Douglas enclosure
- Capacity up to 64 relays, in common Douglas configurations
- Kit consists of LightLEEDer CPU, an additional transformer, relay driver board and required cables
- Standalone or networked controls
- Compatible with standard LightLEEDer network
- Same features as the LightLEEDer controller
- Meets energy code requirements

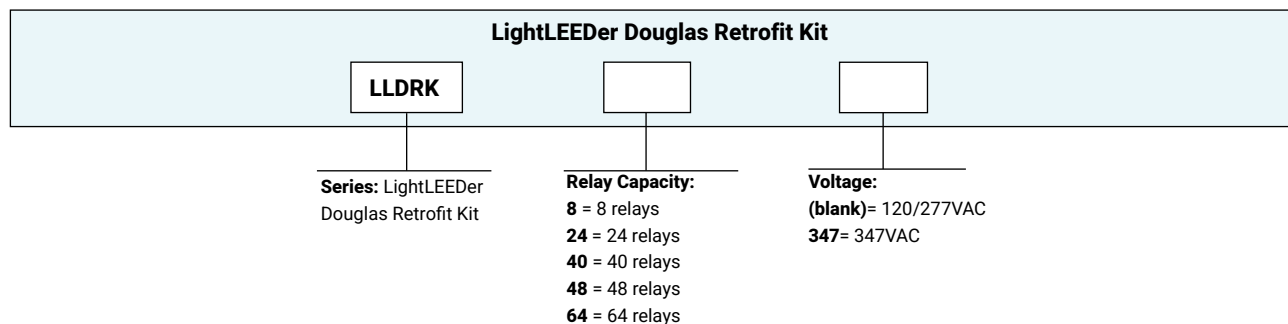
Warranty

Five-Year limited warranty



LightLEEDer CPU

Ordering

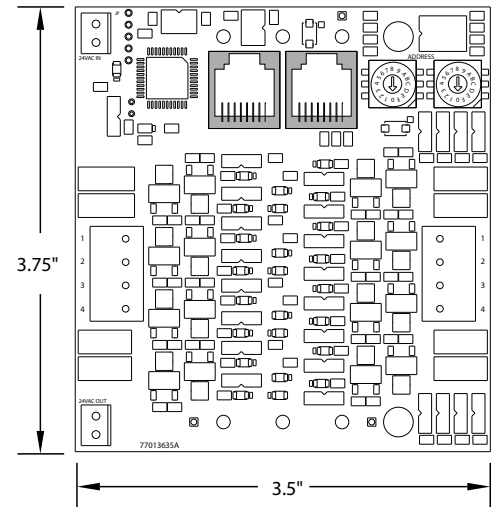
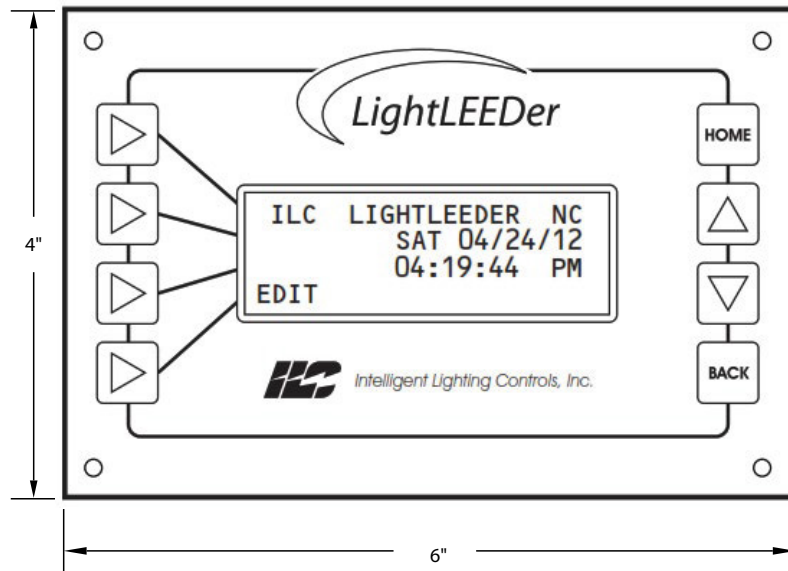


All ILC product configurations are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA).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

LightLEEDer

Douglas Retrofit Kit

Physical



Specifications

Physical:

Relay Driver Board

- 3.5" Wide X 3.75" High
- Simple screw type terminals with removable block
- Digital addressing switches
- RJ45 connectors for data line connection
- DIN Rail mount

LightLEEDer CPU Module

- 6" Wide x 4" High x 2.5" Deep
- CAT-5 Ready
- Programming Options are done with an integrated keypad with 4-line LCD display or using the free LightLEEDer Pro software via USB.

Electrical:

- 120/277VAC @ 1 Amp, or optional 120/347VAC Controller

Operating Environment:

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

Certifications:

- FCC Part 15
- UL/CUL are not required as the retrofit kit is made up of low voltage devices

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 website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.