

MEET THE VERSATILE NEW ELCD 924

UNPRECEDENTED FEATURES. ENDURING PERFORMANCE. SYNCHRONOUS TIMING.

Evenlite proudly introduces today's most advanced, feature-rich and energy-efficient emergency lighting control device with up to five times LESS energy consumption than other similar devices

A Solid Foundation

Building upon our central inverter success, Evenlite proudly presents today's most advanced and feature-rich UL-924 Emergency Lighting Control Device (ELCD). When coupled with an Evenlite central inverter, our ELCD 924 provides an unbeatable combo for use when designing a state-of-the-art emergency lighting application. With our ELCD 924, you can easily create independently controlled emergency lighting zones. Additionally, the device integrates effortlessly with any 12-24V AC/DC fire alarm system and lighting controls with 0-10V or DALI.

Controlled Precision

Evenlite's ELCD 924 is factory-calibrated using advanced sensing and embedded microprocessor circuitry. These advanced features sense the incoming emergency power and apply precise timing so that the relay achieves zero-crossing switching. This zero-crossing switching dramatically reduces inrush current to lighting fixtures and also improves the life of its contacts.

Energized Lighting with Zero-Crossing Technology

- >> Universal voltage
- >> Fire alarm interface
- >> Programmable delay
- >> Tested and listed by Underwriters Laboratory to their UL-924 standard and also Canadian standard CSA-22.2
- >> 25+ year product life expectancy
- >> 0-10V or DALI interface



*The ELCD 924 seamlessly integrates with
our suite of central inverter systems*

ELCD 924

800.872.0879

www.evenlite.com

ELCD 924

Rock-Solid Reliability

Evenlite went above and beyond UL-924 life safety standards to ensure reliability.

- >> Relay contacts rated for 277V/50A to minimize power losses
- >> Highest temperature-grade aluminum polymer capacitors ensure longest life
- >> Tested to NEMA-410 standards for evaluating inrush current effects
- >> Surge-tested to IEC 61000-4-5 standard

Show Off Your Style

Instead of hiding the emergency control device in a closet or above a ceiling, our attractive, yet discrete, ELCD 924 faceplate can be mounted next to any designer wall switch or lighting control system.

Any lighting fixture can instantly become an emergency lighting fixture by using our ELCD 924 with an emergency power source, opening up a world of choices for designers and architects who must comply with ever-changing life safety codes.

OPERATION:

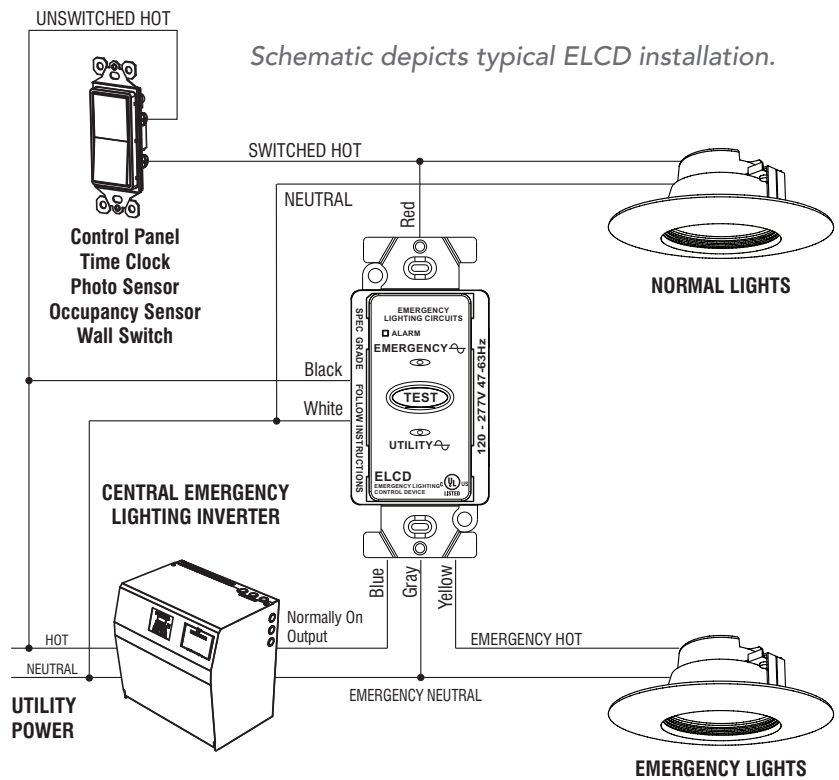
During normal mode, both emergency and normal lights can be turned On/Off with the red (switched) signal as long as utility power is present. Black (utility) is the sense signal for the ELCD's internal power relay. Red and black leads are signal wires only and do not carry load current. Load current for the emergency lights is carried on blue (emergency input) and yellow (emergency output).

During emergency mode (loss of utility power), our ELCD will automatically connect the inverter's "Normally On" output power to the emergency lights regardless what state the switched signal is in.



Any lighting fixture can instantly become an emergency lighting fixture by using ELCD 924

- ↓ Reduced Inrush Current
- ↓ Reduced Power Consumption
- ↑ Increased Versatility



Schematic depicts typical ELCD installation.

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