

The Illuminex Series LED Exit Sign combines an attractive, easy-to-install compact contemporary design with proven, ultra-reliable electronics to provide the very best in energy efficient emergency lighting. ILX units are completely self-contained and features universal mounting, canopy included.

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____

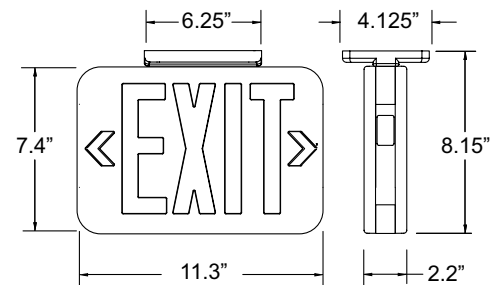
FEATURES AND BENEFITS

- Ultra-compact, low-profile design
- Easy to install, snap together design
- Universal style - includes 2 face plates, a back plate and mounting canopy
- California Energy Commission (CEC) compliant



SPECIFICATIONS

- Illumination:** Constant, uniform illumination by long-life, high intensity, red or green LEDs
- Housing:** Rugged, injection-molded UL 94 5VA flame retardant, high-temperature thermoplastic housing
- Input:** 120/277V dual primary, 60Hz input
- Battery:** Maintenance-free NiCad battery
- Operating Temp:** 0°C to 50°C (32°F to 122°F)
- Run Time:** UL listed 90 minute emergency run time, 24 hour recharge time
- Electrical:** Low voltage disconnect eliminates deep discharge, brownout, short circuit and overcharge protection
- Legend:** Fully-illuminated 6" characters with 3/4" stroke, field selectable directional chevrons included for all configurations
- Mounting:** Flexible mounting - Ceiling, wall or end mount
- Finishes:** Black or White
- Certifications:** UL Listed for Damp Locations, California Energy Commission (CEC) compliant
- Warranty:** Five year warranty with a separate five year prorated warranty on the battery (Terms and Conditions Apply)



ORDERING INFORMATION Example: ILX-R-EM-WH

| Series | LED Color | Power Source | Finish | Accessories ⁴ (Field Installed) |
|---|-----------|--------------------|-------------------------|---|
| ILX ¹ | R = Red | AC = AC Only | BL ³ = Black | ER1-KIT-WH ² = 1' Pendant Mount Kit, White |
| | G = Green | EM = NiCad Battery | WH = White | ER1-KIT-BL ² = 2' Pendant Mount Kit, Black |
| | | | | ER2-KIT-WH ² = 2' Pendant Mount Kit, White |
| | | | | ER2-KIT-BL ² = 2' Pendant Mount Kit, Black |
| Notes | | | | VEPA = Pendant Adapter |
| ¹ Includes 2nd exit face and backplate | | | | WG-S = Wire Guard (Back Mount) |
| ² Requires VEPA accessory option | | | | XG-1 = Poly Guard (Back Mount) |
| ³ Black finish only available with EM power source | | | | XG-3 = Poly Guard (Ceiling Mount) |
| ⁴ Order as separate line item | | | | WPV-1 = Weatherproof & Vandal-Resistant Enclosure |

CONSTRUCTION

The ILX series is a precision-molded housing constructed of flame retardant, corrosion-proof thermoplastic. Units resist denting, peeling and scratching.

ILLUMINATION

Illumination of the ILX series is achieved with high output, long lasting red or green LEDs. An exclusive color-matched diffuser eliminates hot spots and striations, providing optimal light output.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz.

Sealed Nickel Cadmium Battery – NiCad (EM Only)

Exitronix sealed nickel cadmium batteries are maintenance-free.

Emergency

The ILX series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Brownout Circuit

Brownout circuit monitors the line voltage, as the line voltage sags and can no longer illuminate the exit sign to meet UL924 visibility test, the emergency circuit will turn on to supply a portion or all the power to illuminate the sign for a minimum of 90mins until the line voltage is restored.

Low Voltage Disconnect

When the battery's terminal voltage falls below predetermined levels, the low voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

Solid-State Transfer

The circuit features solid-state switching for emergency lamps, eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

Overload and Short Circuit Protection

The solid-state overload monitoring system in the DC circuit disconnects the lamp load from the battery should excessive wattage demands be made and automatically resets when the overload or short circuit is removed. This overload current protective characteristic eliminates the need for fuses or circuit breakers for the DC load.

Test Button

The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

INSTALLATION

Simple snap together universal design allows for faceplate and back plate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

Damp Location Rated

Damp location rated fixture that is normally or periodically subject to condensation of moisture in, on or adjacent to, and includes partially protected locations.

CONFORMANCE TO CODES & STANDARDS

The ILX Series is UL listed and meets or exceeds the following: UL 924, CEC, NEC requirements and NFPA 101.