

ILLUMINEX

- Ultra-compact, low-profile design
- Damp Location Rated
- Universal mount, includes canopy
- Energy saving LED design
- 5 Year warranty
- Quick, easy snap-together design
- Durable thermoplastic housing
- Field-selectable universal arrows
- 120/277V dual primary input
- Available in white or black finishes
- Universal J-Box mounting pattern

The Illuminex Series LED Exit Sign combines compact, easy-to-install engineering with our proven, ultra-reliable electronics to provide the very best in energy efficient emergency lighting.

The ILX features a new, contemporary design with a modern-day appeal for today's building environments and energy-conscious consumers.

ILX units are completely self-contained, and feature universal mounting. Canopy and Damp Location protection are included standard.


emergency lighting

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

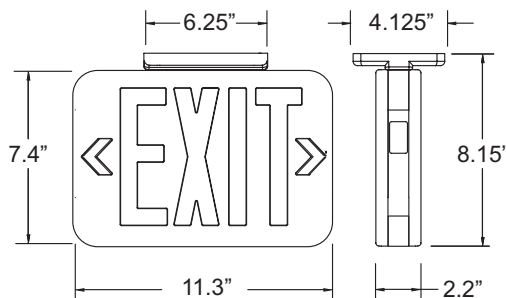
Simple snap together universal design allows for faceplate and back plate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

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.



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 ² = 1' Pendant Mount Kit
	G = Green	EM = NiCad Battery	WH = White	ER2-KIT ² = 2' Pendant Mount Kit
Notes				VEPA = Pendant Adapter
				WG-S = Wire Guard (Back Mount)
				XG-1 = Poly Guard (Back Mount)
				XG-3 = Poly Guard (Ceiling Mount)
¹ Includes 2nd exit face and backplate				
² Requires VEPA accessory option				
³ Black finish only available with EM power source				
⁴ Order as separate line item				



7855 N Glen Harbor Blvd • Glendale, AZ 85307
(800) 533-3948 • Fax: (623) 580-8948
www.barronltg.com