



# LED-XFO/RXFO Series LED Edge-Lite Exit Signs

## Description

Architectural grade LED edge-lite exits in surface and recess mount models offer even illumination, low power consumption and a choice of four housing/trim finishes.

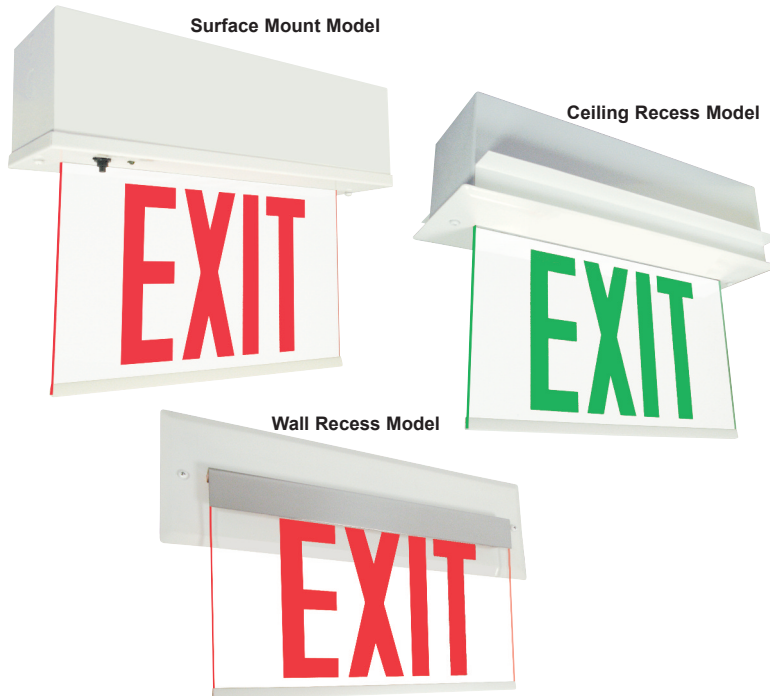
## Features

### All Models

- Surface and recess mount models
- AC only and emergency models
- Universal 120/277VAC field selectable input
- Heavy gauge steel housings
- Bright white finish standard
- Choice of four optional finish colors
- High output, long life LED lamps
- Acrylic exit panel
- Single or double 6" letter faces
- Red or green letter models
- Surface mount models offered in wall, ceiling or end mounted configurations

### Emergency Models

- 90 minutes of emergency illumination
- Solid-state charging and switching circuits
- Maintenance free lead calcium battery standard. Nickel Cadmium battery optional
- Automatic low voltage battery disconnect
- AC Lockout feature reduces installation time
- Momentary test switch and LED status indicator
- Meets NFPA Life Safety Code 101, NEC, OSHA, State and local codes
- UL924 listed



## Ordering Guide

LED-XFO	-3	-RC	-D	-BK
<b>Exit Face Designator</b> -1 Single Face Wall Mount -2 Single Face Ceiling or End Mount * -3 Double Face Ceiling or End Mount * <small>* End mount applicable to surface mount models only.</small>		<b>Options</b> See Below		
<b>Surface Mount Models</b> LED-XFO AC Only Exit LED-BP-XFO Emergency Exit		<b>Directional Chevron Arrow Designator</b> -N No Chevron Arrows -R Right Chevron Arrow -L Right Chevron Arrow -D Double Chevron Arrows -LR Left and Right Chevron Arrows (double face models only)		
<b>Recess Mount Models</b> LED-RXFO AC Only Exit LED-BP-RXFO Emergency Exit		<b>Exit Letter/Background Colors</b> -RC Red Letters on Clear Background -GC Green Letters on Clear Background -RW Red Letters on White Background -GW Green Letters on White Background -RS Red Letters on Mirror Background -GS Green Letters on Mirror Background -WR White Letters on Red Background -WG White Letters on Green Background		

**NOTE:** All product specifications shown are subject to change without notice.

## Options <sup>(1)(2)</sup>

Add Suffix	Description
-BK	Black Finish (surface and recess models)
-DB	Dark Bronze Finish (surface and recess models)
-PB	Polished Brass Trim Finish (recess models only)
-BA	Brushed Aluminum Trim Finish (recess models only)
-NC	Nickel Cadmium Battery
-SX	Self-Diagnostic Circuit (emergency models only)
-IA	Audible Intermittent Alarm (emergency models only)
-IV	Visual Intermittent Alarm (emergency models only)
-FA	Fire Alarm Panel Interface

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

## Accessories

Order Model	Description
HSK18-W	18" Stem Mounting Kit (white) <sup>(3)</sup>
HSK18-B	18" Stem Mounting Kit (black) <sup>(3)</sup>

(3) Other lengths available. Consult factory.

## Specifier Reference

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Model No.: \_\_\_\_\_

Comments: \_\_\_\_\_

## Construction

**Housing and Cover/Trim:** LED-XFO Series surface mount housings and covers are constructed of heavy gauge steel finished in white baked-on powder paint providing scratch and corrosion resistance. Optional black (-BK) and dark bronze (-DB) finishes are available, see Options on front for ordering details.

LED-RXFO Series recess mount model housings are constructed of heavy gauge steel with a steel ceiling trim plate finished in white baked-on powder paint providing scratch and corrosion resistance. Optional trim plate finishes include black (-BK), dark bronze (-DB), polished brass (-PB) and brushed aluminum (-BA), see Options on front for ordering details.

**Exit Panels:** All models utilize acrylic exit panels with screened on letters. Panels may be supplied with red or green letters and a choice of white or mirrored mylar backgrounds. Panels may also be specified with white letters and a choice of red or green backgrounds.

## Exit Face

**Letter Size:** 6" letters with 3/4" stroke

**Directional Indicators:** Screened on chevron arrows sized to meet UL visibility requirements.

## Illumination

**Light Source:** Exit face illumination is provided by a special high intensity indirect red or green LED panel. Letter brightness and illumination uniformity exceed UL requirements.

## Installation

**Surface Mounting:** Universal housing knockouts are provided for direct attachment to standard 3 1/2" and 4" electrical boxes in wall, ceiling or end mount applications.

**Recess Mounting:** Recess models allow unit installation in both suspended T-grid and wood framed ceiling applications.

## Power Consumption

	Red Letters		Green Letters	
	120V	277V	120V	277V
<b>AC Models</b>	4.8W	4.6W	4.8W	4.6W
<b>Emergency Models</b>	4.8W	4.6W	4.8W	4.6W

**Power Factor** (all models): 0.85 lagging

## Code Information

All models are UL Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, state and local codes. Emergency models are UL924 Listed.

## Charger and Electronics

**Charger Type:** Emergency models utilize a fully automatic, temperature compensating, variable rate type charger

**Utility Input:** 120/277VAC, 60 Hz.

**Temperature Range:** 68°F to 86°F (20°C to 30°C)

**Recharge Duty Cycle:** 24 hours

**Load Transfer:** Solid state transfer circuit

**Controls:** Test switch and LED AC-On indicator light

**Safety Circuitry:**

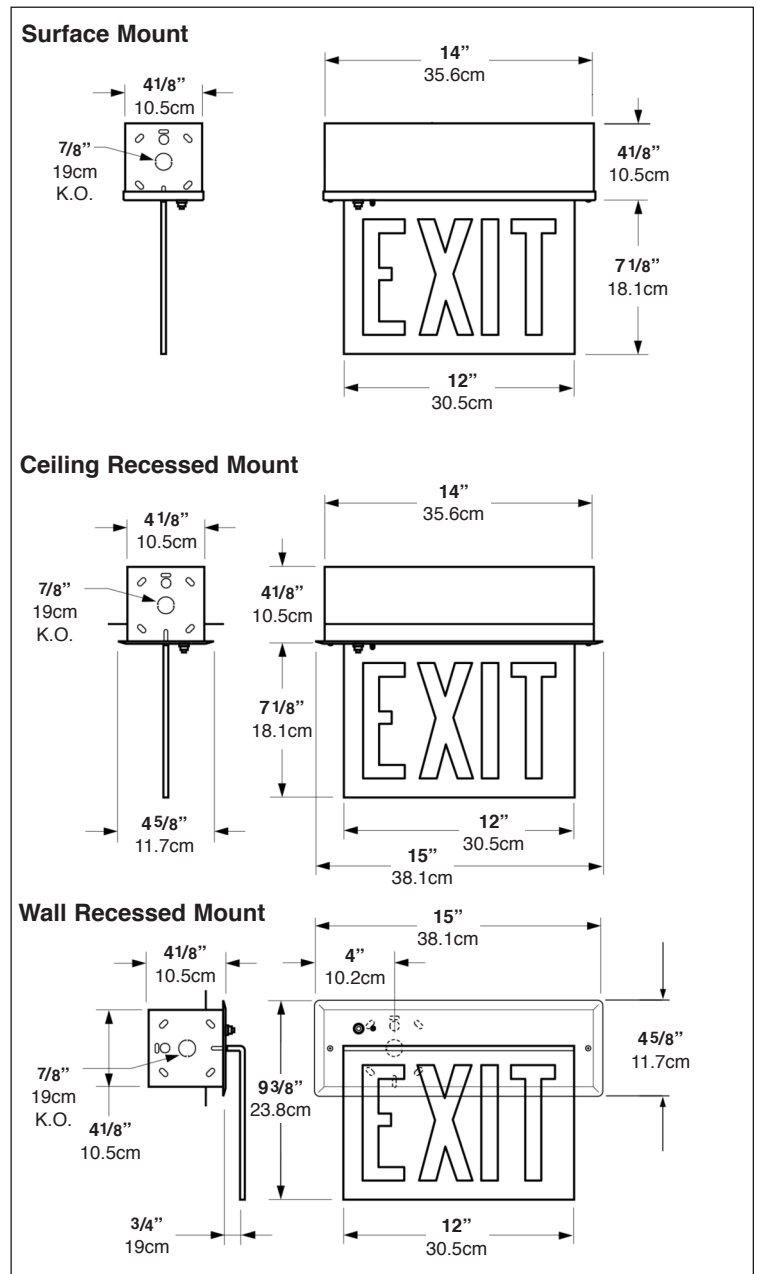
**AC Lockout:** Prevents battery discharge prior to initial unit power-up saving installation time.

**Low Voltage Battery Disconnect:** Protects the battery from deep discharge damage during prolonged power failures.

## Emergency Operation

Upon failure of the normal utility power, a solid-state transfer switch automatically activates the emergency lamp. The battery is protected from deep discharge through the use of a low voltage disconnect circuit. Upon resumption of the normal utility power the battery is disconnected from the load and recharged through a solid-state charging circuit. Emergency exit signs feature a fully automatic charger designed to recharge the battery within 24 hours.

## Dimensions



## Optional Self-Diagnostic Circuit

The optional SX self-diagnostics circuit automatically performs a 15-minute diagnostic/discharge test of the unit every 30 days. The SX circuit checks for proper battery capacity and emergency lamp operation. Malfunction of the battery or lamp(s) detected during diagnostic cycles will be indicated by the units LED status indicator.

## Battery

**Standard:** Sealed Lead Calcium maintenance free battery

**Optional:** Sealed Nickel Cadmium longest life maintenance free battery

## Warranty

**Unit:** (including LED lamps) 3 years full coverage against defects in materials and workmanship from date of shipment.

**Battery:** 3 years full warranty plus an additional 7 years of pro-rata coverage.